

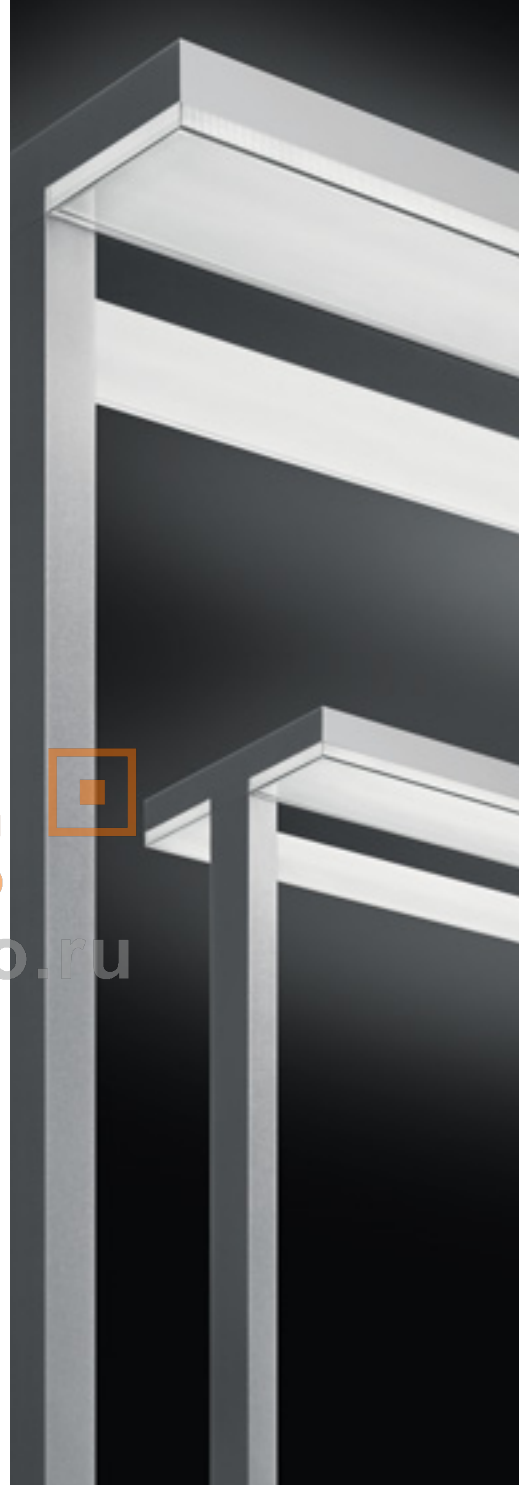
HOSPITALITY



RETAIL




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184	ALTOP
100	ANDROMEDA
266	ASSUME NOTHING
150	AYRTON
180	BOLERO
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370	COVER
364	ELIO
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86	JAVA
86	JAVA II
218	KALIFA
218	KALIFA II
386	KANJI
348	KAO
394	KIT T16 RGB
144	L.D. SYSTEM
260	LOST
260	LOST DUO
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170	LUCERI KADRO
286	MEGAN
394	METAMORFOSI
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304	MINI FLAP SYSTEM
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342	MOUETTE
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394	MY WHITE LIGHT
242	NOTA BENE
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70	NOTHING RECESSED
374	NULLA
328	ORION
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360	OUREA
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320	RA SYSTEM
118	RASTAF
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### PROJECTORS



PICTO 16



FOCAL 23



OTO 33



ERMES 40



IODO 45



STARSHIP 49



MINI FLAP SPOTS 52



MIKADO 55



TRACKS 59

### SPOTLIGHTING LUMINAIRES



NOTHING CEILING 69



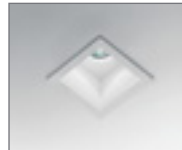
NOTHING REC. 74



NOTHING REC. 86 79



JAVA 90



JAVA II 99



ANDROMEDA 105



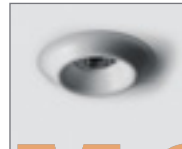
STICK 117



RASTAF 124



TOPLITE 132



VULCANIA 141



L.D. SYSTEM 147

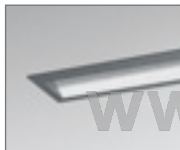


AYRTON 152

### FLUORESCENT RECESSED LUMINAIRES



NOTHING REC. 79



JAVA 96



ASSUMENOTHING 268



VULCANIA 141



L.D. SYSTEM 149



LUCERI 161



LUCERI KADRO 171



SOLAR 179



BOLERO 183



ALTOP 185



KALIFA 239

### CEILING LUMINAIRES



TAGORA 64



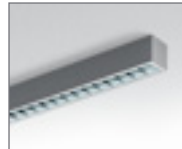
NOTHING CEILING 69



ANDROMEDA 108



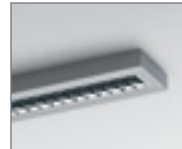
VULCANIA 143



KALIFA II 225



KALIFA 241



NOTA BENE 250



KAO 359

### FLOOR LUMINAIRES



CHOCOLATE 193



TROLLEY 201



KALIFA 236



MEGAN 297

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## SUSPENSION LUMINAIRES



FOCAL 25



MIKADO 57



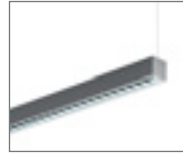
ANDROMEDA 112



CHOCOLATE 197



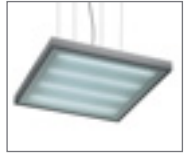
SURF SYSTEM 211



KALIFA II 221



KALIFA SYSTEM 231



KALIFA SUSP. 241



NOTA BENE 246



TALO SYSTEM 258



LOST 265



ASSUMENOTHING 270



INFINI 275



ESPRIT 284



MEGAN SYSTEM 293



MEGAN SUSP. 295



EOS SYSTEM 303



MINI FLAP SYSTEM 308



RA SYSTEM 325



ORION SYSTEM 330



ORION SUSP. 333



MIX SYSTEM 339



MOUETTE 347



KAO 355



OUREA 363



ELIO 369

## WALL LUMINAIRES



FOCAL 25



MIKADO 57



CHOCOLATE 195



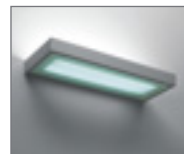
SURF SYSTEM 211



SURF WALL 215



MINISURF 217



KALIFA 233



MEGAN SYSTEM 293



MINI FLAP SYSTEM 313



FLAP SYSTEM 316



FLAP WALL 319



KAO 359



COVER 373



NULLA 377



TRAFFIC SYSTEM 383



SQUARE 385



KANJI 389



PRADO 391



MÖWE 393

## CHROMATIC LIGHT



ASSUME NOTHING 269



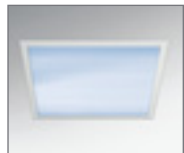
KIT T16 RGB 398



JAVA LINEAR SYSTEM RGB 398



NOTHING REC. LINEAR SYSTEM RGB 398

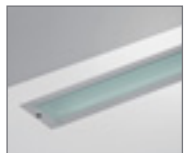


SIMOS RGB 399

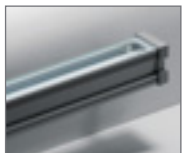


ORION SYSTEM RGB 399

## OUTDOOR




RIVOLI RECESSED 403



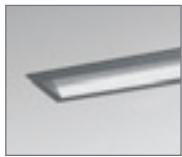
RIVOLI CORNICE 405

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RETAIL	HOSPITALITY	OFFICE										
●	●	●						VULCANIA 141	L.D. SYSTEM 147	LUCERI 161	LUCERI KADRO 171	NOTHING LINEAR 83
●								NOTHING REC. 74	JAVA 90	ANDROMEDA 105	STICK 117	RASTAF 124
●								PICTO 16	FOCAL 23	OTO 33	ERMES 40	IODO 45
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	●	●						CHOCOLATE WALL 195	SURF SYSTEM 211	SURF WALL 215	MINISURF 217	KALIFA WALL 233
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JAVA LINEAR 96



ASSUME NOTHING 268



TOPLITE 132



VULCANIA 141



L.D. SYSTEM 147



AYRTON 152



NOTHING CEILING 69



ANDROMEDA CEIL. 108



VULCANIA CEILING 143



STARSHIP 49



MINI FLAP SPOTS 52



MIKADO 55



MIKADO WALL 57



FOCAL WALL 25



PRADO WALL 391



ORION SUSP. 333



MIX SYSTEM 339



ANDROMEDA SUSP. 112



KANJI 389



MÖWE 393



FLAP WALL 319



TRAFFIC SYSTEM 383



RIVOLI RECESSED 403



RIVOLI CORNICE 405



MEGAN SYSTEM 293



MINI FLAP SYSTEM 313



FLAP SYSTEM 316



COVER 373



ORION SYSTEM (RGB) 399



LOST 265



ASSUMENOTHING 270



ESPRIT 284



MEGAN SYSTEM 293



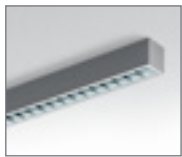
EOS SYSTEM 303



MINI FLAP SYSTEM 308



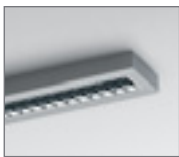
RA SYSTEM 325



KALIFA II CEILING 225



KALIFA CEILING 241



NOTA BENE CEILING 250



CHOCOLATE FLOOR 193



TROLLEY 201



KALIFA FLOOR 236



MEGAN FLOOR 297

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# INTERACTIVE-DALI TECHNOLOGY



ROOM IN USE. OPERATION WITH MOVEMENT DETECTION AND DAYLIGHT CONTROL.



ROOM NOT IN USE. TIMED SWITCH-OFF.



ROOM NOT IN USE, COMPLETE SWITCH-OFF.

TO COMPLEMENT THE STANDARD VERSIONS, WITH OR WITHOUT DIMMING, ARTEMIDE ARCHITECTURAL PRESENTS **INTERACTIVE-DALI**, A CONTROL SYSTEM WHICH RESPONDS TO TWO RELATED REQUIREMENTS: CUSTOMIZED LIGHT, WHICH ENSURES OPTIMUM CONVENIENCE OF USE, AND AUTOMATIC SWITCHING ON AND OFF TO SAVE ENERGY.

EXTREMELY VARIED LIGHTING PROGRAMMES CAN BE SET THANKS TO **INTERACTIVE-DALI**, ADJUSTABLE COMPONENTS SUCH AS A MOVEMENT DETECTOR, A PHOTOVOLTAIC CELL AND AN INFRARED RECEIVER. WITH **INTERACTIVE-DALI**, THE LIGHTS IGNITE AUTOMATICALLY WHEN SOMEONE IS IN THE ROOM AND THERE IS NOT ENOUGH NATURAL LIGHT.

ON THE BASIS OF PERSONAL CHARACTERISTICS (EYESIGHT, REQUIRED CONCENTRATION, FEELING OF TIREDNESS...) OR THE WORK TO BE DONE (INDIVIDUAL WORK, A MEETING, VIDEO PROJECTION, ETC.) PEOPLE CAN SET THE AMOUNT OF LIGHT THEY PREFER AND REQUIRE SIMPLY BY PUSHING A BUTTON OR USING THE OPTIONAL REMOTE CONTROL. ONCE THESE PARAMETERS ARE SET, THE SYSTEM AUTOMATICALLY MAINTAINS A CONSTANT LIGHTING LEVEL ACCORDING TO THE DEGREE OF DAYLIGHT.

WHEN THE ROOM IS EMPTY, THE LIGHT REDUCES AUTOMATICALLY AND LATER TURNS OFF IN ACCORDANCE WITH AN ADJUSTABLE TIME SEQUENCE.

#### MAIN ADVANTAGES

- HIGHLY ADJUSTABLE FUNCTIONS.
- "PLUG AND PLAY" CONNECTION, NO MODIFICATIONS TO EXISTING WIRING.
- POSSIBILITY (OPTIONAL) OF OPERATING UP TO A MAXIMUM OF TEN LIGHTS, WHICH CAN BE DIVIDED INTO TWO GROUPS.
- ENERGY SAVINGS BRING A RETURN ON YOUR INVESTMENT.

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- 1 INFRARED RECEIVER.
- 2 DAYLIGHT SENSOR.
- 3 MOVEMENT DETECTOR.
- 4 SERVICE BUTTON (FOR SELECTING OPERATING PROGRAMMES).



## INTERACTIVE-DALI LUMINAIRES

THE FOLLOWING PRODUCTS ARE FITTED WITH INTERACTIVE-DALI SYSTEM.

THE MASTER LUMINAIRE (EQUIPPED WITH INTERACTIVE-DALI SYSTEM) CAN BE CONNECTED TO ANOTHER 10 DALI DIMMABLE LIGHTS. OPERATION THROUGH INTERACTIVE-DALI REMOTE CONTROL OR EXTERNAL PUSH BUTTON.



SURF SYSTEM 211



MEGAN SYSTEM 293

OPERATION THROUGH INTERACTIVE-DALI REMOTE CONTROL OR EXTERNAL PUSH BUTTON.



LOST DUO 265

OPERATION THROUGH INTERACTIVE-DALI REMOTE CONTROL OR INTEGRAL PUSH BUTTON.



CHOCOLATE 193



TROLLEY 201



KALIFA FLOOR 236



MEGAN FLOOR 297

## DALI LUMINAIRES

FOR THE PRODUCTS EQUIPPED WITH DALI DIMMABLE ELECTRONIC BALLAST, IT IS POSSIBLE TO USE AN EXTERNAL INTERACTIVE-DALI KIT, FOR RECESS INTO THE FALSE CEILING. THIS KIT CAN OPERATE UP TO 11 DALI DIMMABLE UNITS. OPERATION THROUGH INTERACTIVE-DALI REMOTE CONTROL OR EXTERNAL PUSH BUTTON.



KALIFA SYSTEM 231



NOTA BENE 246



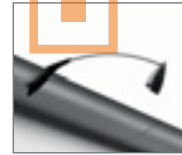
TALO SYSTEM 258



ESPRIT 284



MINIFLAPSYSTEM 308



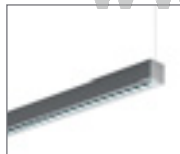
FLAP SYSTEM 316



ORION SYSTEM 330



CHOCOLATE 197



KALIFA II 221



KALIFA SUSP. 241



LOST 265



INFINI 275



ORION SUSP. 333



TAGORA 64



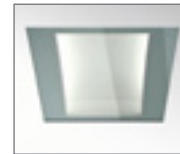
SOLAR 179



BOLERO 183



ALTOP 185



KALIFA RECESSED 239





NOTHING RECESSED LINEAR SYSTEM 83

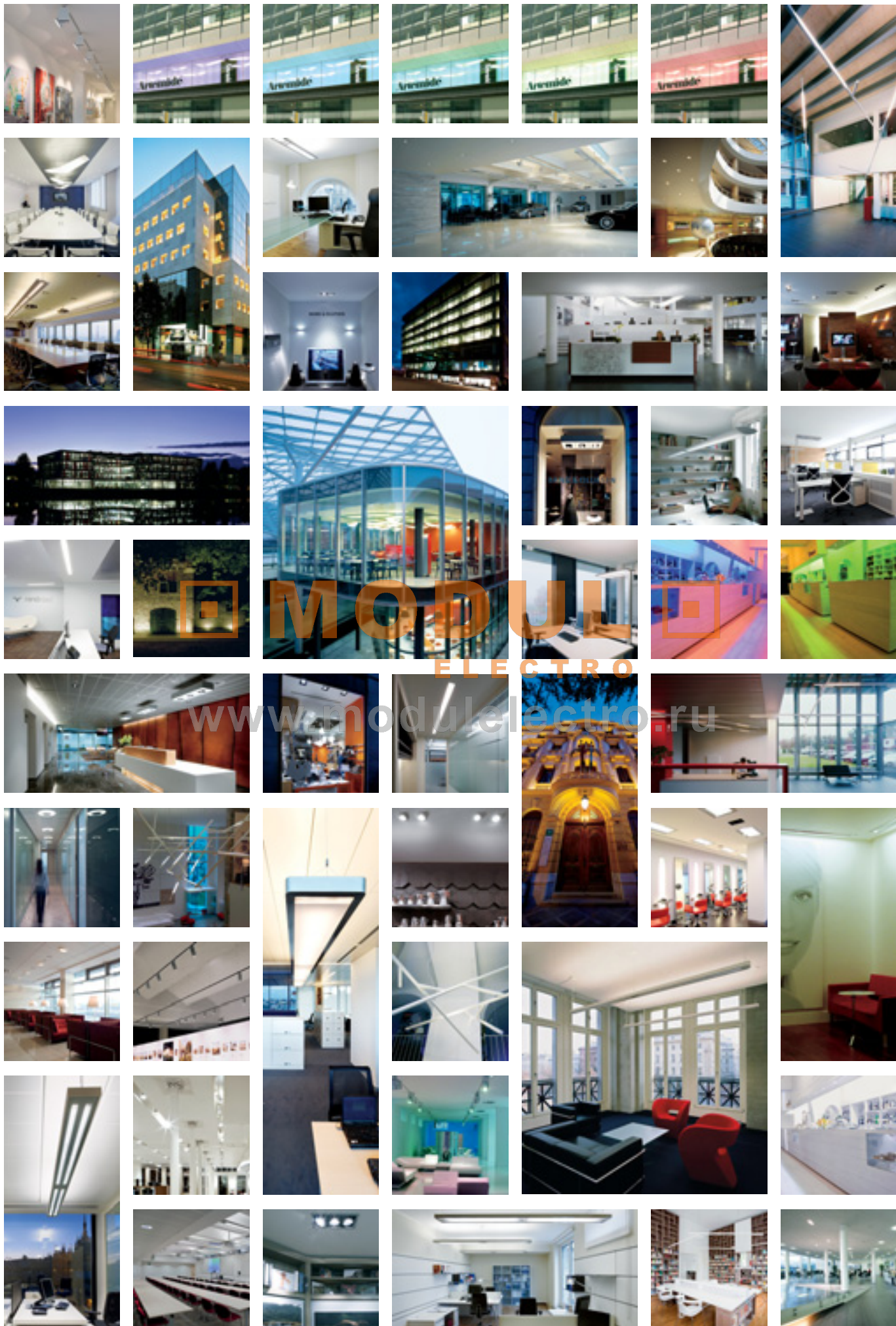


JAVA LINEAR SYSTEM 96

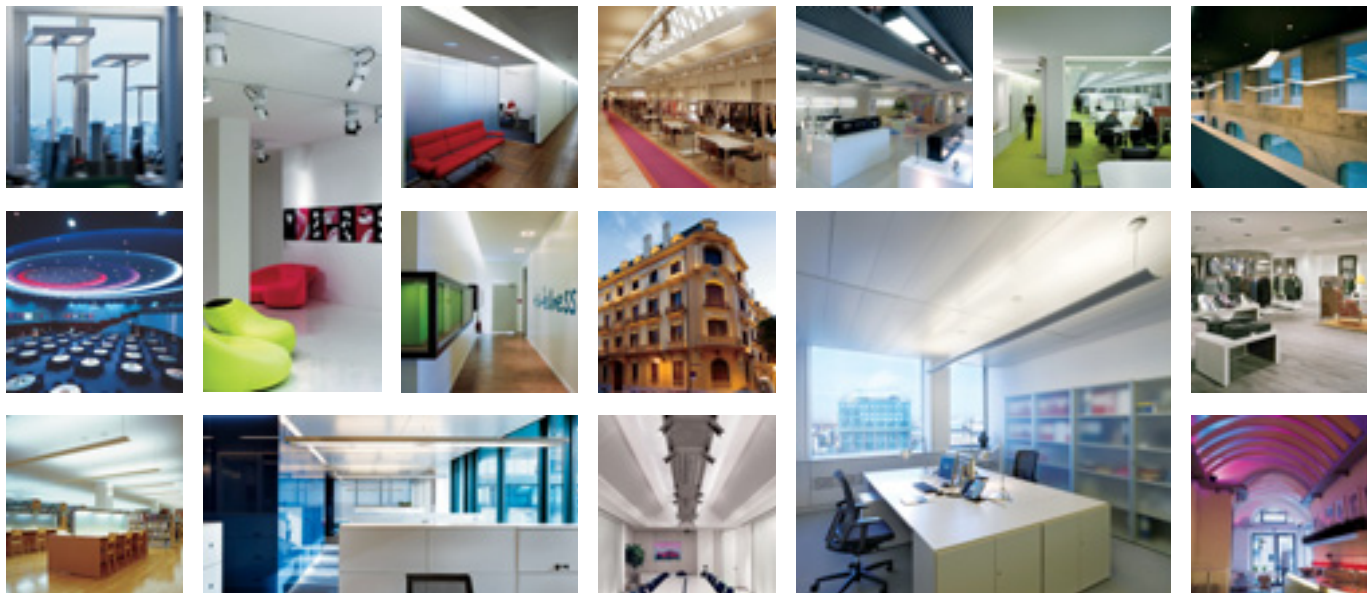
## INTERACTIVE-DALI COMPONENTS

	<p><b>M074030</b> INTERACTIVE-DALI KIT, Ø86MM, WHITE, RECESSED.  Ø72</p> <p>Can be connected to a max. 11 DALI dimmable units. Is operated through INTERACTIVE-DALI remote control or external push button.</p>
	<p><b>M104900</b> INTERACTIVE-DALI remote control.</p>

	<p><b>M074130</b> EXTENSION MOVEMENT DETECTOR, WHITE, RECESSED.  Ø64</p> <p>To be used when the area to be covered is bigger than 6,00x5,00m by height 2,50m. To be connected to one of the outputs of the INTERACTIVE-DALI controller. No extra mains connection required.</p>
--	--







## ARTEMIDE ARCHITECTURAL

PROFESSIONAL LIGHTING SOLUTIONS  
FOR OFFICE, RETAIL AND HOSPITALITY

PRODUCT AND SERVICE ARE THE KEY FIELDS IN WHICH ARTEMIDE ARCHITECTURAL IS VALUED. NUMEROUS INTERNATIONAL DESIGNERS AND ARCHITECTS CONTRIBUTE TO THEIR DEVELOPMENT. CONTINUOUS INNOVATIONS IN LIGHTING SYSTEMS, FROM BOTH THE DESIGN AND FUNCTION VIEWPOINTS, DETERMINE THE EXPERTISE AND RELIABILITY OF THE BRAND, AND MAKE IT INTERNATIONALLY REKNOWN IN THE SECTORS OF DESIGN AND ARCHITECTURE, WITH THE APPROVAL OF DESIGNERS AND LIGHTING PLANNERS WHO FIND ARTEMIDE ARCHITECTURAL TO BE A PARTNER CAPABLE OF MEETING ANY LIGHTING REQUIREMENTS.

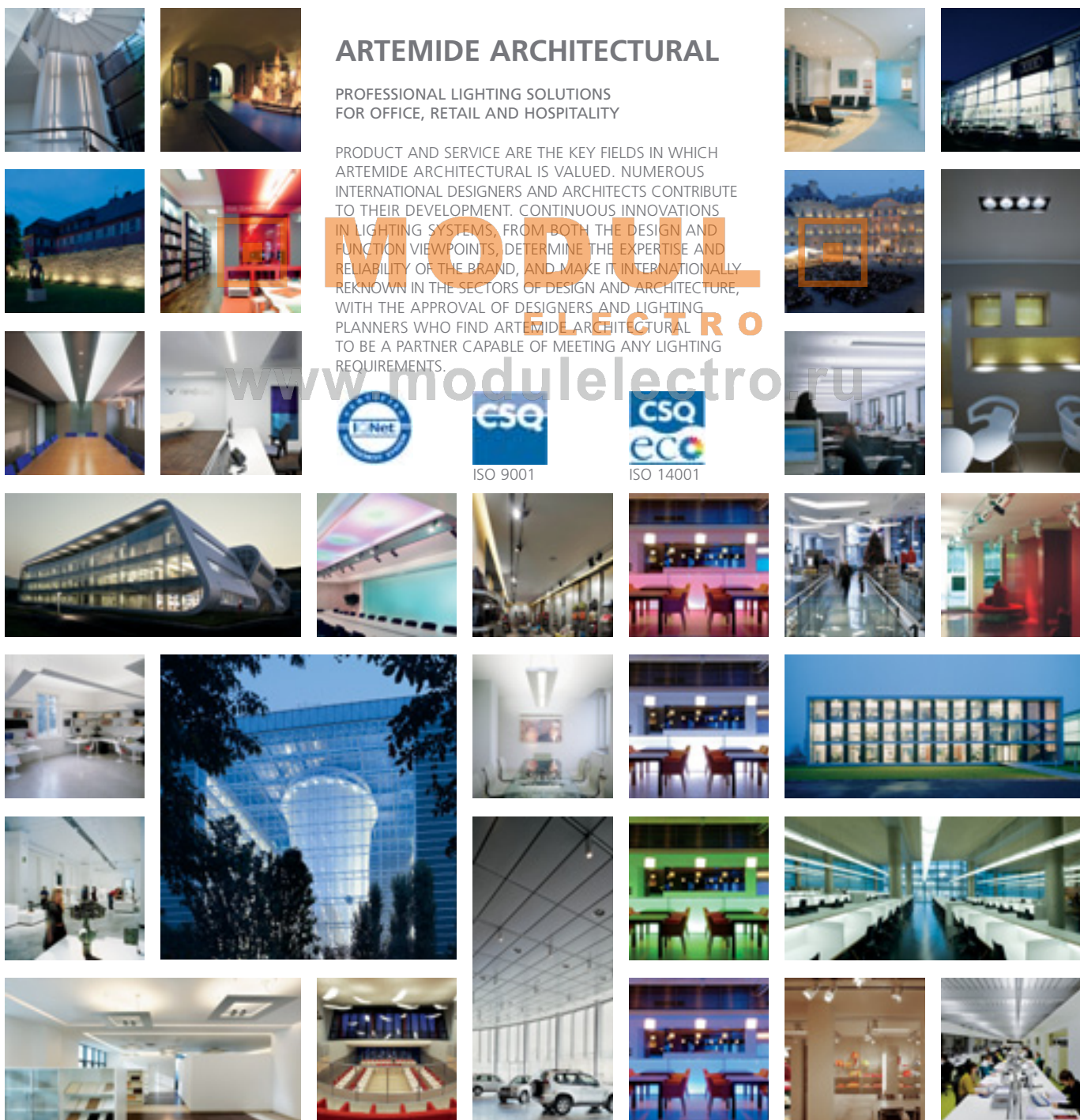
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ISO 9001





ISO 14001



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# PICTO



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[www.modulelectro.ru](http://www.modulelectro.ru)

- SERIES OF DIRECTIONAL SPOTLIGHTS USING 12V HALOGEN AND METAL HALIDE LAMPS.
- 2 VERSIONS: WITH THREE-PHASE TRACK ADAPTER, AND WITH BASE PLATE FOR CEILING MOUNTING.
- ALUMINUM BODY COMPRISED OF AN OPTICAL AND POWER SUPPLY UNIT.
- SUPER PURE ALUMINUM OPTICS FOR HIT VERSIONS, WITH CHOICE OF THREE BEAM SPREADS: SPOT, MEDIUM AND FLOOD.
- TILT ANGLE RANGING FROM -90° TO 90°, ROTATION OF UP TO 355°.
- LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS BY A SIMPLE QUARTER TURN ROTATION OF REFLECTOR-HOLDING RING.
- HIT VERSION INCLUDES PROTECTION GLASS.
- ELECTRONIC CONTROL GEAR.
- WIDE RANGE OF ACCESSORIES.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.



3 sizes available depending on the light source.



The face of the power-supply unit covers up the optical part whatever the tilt angle.

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ELECTRO

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The power-supply unit can rotate up to 355°.





The optical unit can tilt from -90° to +90°.


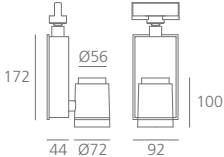
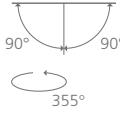






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## PICTO 70


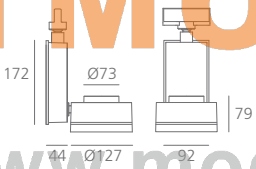
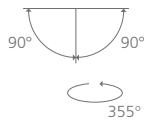

			Ⓧ IP20 850° ● black 1 ○ white 2																				
			QR-CBC51 (GU5,3)  HIPAR51-CE-P (GX10) 	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>VERSION</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0512.3*</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> <td>3-circuit track adapter</td> <td>1,40kg</td> </tr> <tr> <td><b>M0512.1*</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> <td>base plate Ø92mm</td> <td>1,40kg</td> </tr> <tr> <td><b>M0513.3</b></td> <td>HIPAR51-CE-P (GX10) max35W</td> <td>3-circuit track adapter</td> <td>1,40kg</td> </tr> <tr> <td><b>M0513.1</b></td> <td>HIPAR51-CE-P (GX10) max35W</td> <td>base plate Ø92mm</td> <td>1,40kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	VERSION	WEIGHT	<b>M0512.3*</b>	QR-CBC51 (GU5,3) 12V max50W	3-circuit track adapter	1,40kg	<b>M0512.1*</b>	QR-CBC51 (GU5,3) 12V max50W	base plate Ø92mm	1,40kg	<b>M0513.3</b>	HIPAR51-CE-P (GX10) max35W	3-circuit track adapter	1,40kg	<b>M0513.1</b>	HIPAR51-CE-P (GX10) max35W	base plate Ø92mm
CODE	LIGHT SOURCE	VERSION	WEIGHT																				
<b>M0512.3*</b>	QR-CBC51 (GU5,3) 12V max50W	3-circuit track adapter	1,40kg																				
<b>M0512.1*</b>	QR-CBC51 (GU5,3) 12V max50W	base plate Ø92mm	1,40kg																				
<b>M0513.3</b>	HIPAR51-CE-P (GX10) max35W	3-circuit track adapter	1,40kg																				
<b>M0513.1</b>	HIPAR51-CE-P (GX10) max35W	base plate Ø92mm	1,40kg																				

3-circuit tracks: see page 58

## PICTO 70 ACCESSORIES

	<b>M0828.7</b> Accessory-holder Ø72mm + adjustable dowser (black).  ● black 1 ○ white 2		<b>M0830.7</b> Accessory-holder Ø72mm + wall washer screen (black).  ● black 1 ○ white 2
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## PICTO 125 HALO

			Ⓧ IP20 850° ● black 1 ○ white 2												
			QR111 (G53) 	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>VERSION</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0515.3</b></td> <td>QR111 (G53) 12V max100W</td> <td>3-circuit track adapter</td> <td>1,80kg</td> </tr> <tr> <td><b>M0515.1</b></td> <td>QR111 (G53) 12V max100W</td> <td>base plate Ø92mm</td> <td>1,80kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	VERSION	WEIGHT	<b>M0515.3</b>	QR111 (G53) 12V max100W	3-circuit track adapter	1,80kg	<b>M0515.1</b>	QR111 (G53) 12V max100W	base plate Ø92mm
CODE	LIGHT SOURCE	VERSION	WEIGHT												
<b>M0515.3</b>	QR111 (G53) 12V max100W	3-circuit track adapter	1,80kg												
<b>M0515.1</b>	QR111 (G53) 12V max100W	base plate Ø92mm	1,80kg												

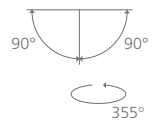
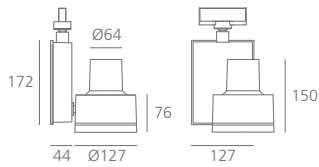
3-circuit tracks: see page 58

## PICTO 125 ACCESSORIES

	<b>M080535</b> UV filter Ø110mm.		<b>M0829.7</b> Accessory-holder Ø126mm + adjustable dowser (black).  ● black 1 ○ white 2
	Accessory-holder Ø126mm + filter. <b>M0835.7</b> IR filter. <b>M0836.7</b> Chromatic filter "Warmtone". <b>M0837.7</b> Chromatic filter "Coldtone". <b>M0834.7</b> Lens for elliptical light distribution.		<b>M0831.7</b> Accessory-holder Ø126mm + wall washer screen (black).  ● black 1 ○ white 2
	● black 1 ○ white 2		<b>M0833.7</b> Accessory-holder Ø126mm + louvre (black).  ● black 1 ○ white 2



# PICTO 125 HIT

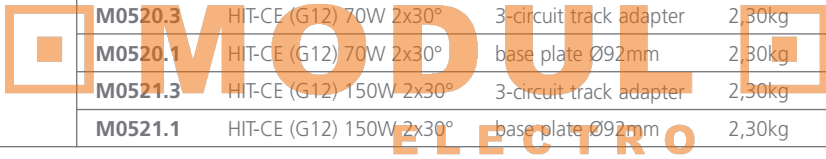


⊕ ⚡ IP20 850° ● black 1 ○ white 2

HIT-CE (G12)  
35W = 3300lm  
70W = 6600lm  
150W = 14000lm



CODE	LIGHT SOURCE	VERSION	WEIGHT
M0522.3	HIT-CE (G12) 35W 2x10°	3-circuit track adapter	2,30kg
M0522.1	HIT-CE (G12) 35W 2x10°	base plate Ø92mm	2,30kg
M0516.3	HIT-CE (G12) 70W 2x10°	3-circuit track adapter	2,30kg
M0516.1	HIT-CE (G12) 70W 2x10°	base plate Ø92mm	2,30kg
M0517.3	HIT-CE (G12) 150W 2x10°	3-circuit track adapter	2,30kg
M0517.1	HIT-CE (G12) 150W 2x10°	base plate Ø92mm	2,30kg
M0523.3	HIT-CE (G12) 35W 2x20°	3-circuit track adapter	2,30kg
M0523.1	HIT-CE (G12) 35W 2x20°	base plate Ø92mm	2,30kg
M0518.3	HIT-CE (G12) 70W 2x20°	3-circuit track adapter	2,30kg
M0518.1	HIT-CE (G12) 70W 2x20°	base plate Ø92mm	2,30kg
M0519.3	HIT-CE (G12) 150W 2x20°	3-circuit track adapter	2,30kg
M0519.1	HIT-CE (G12) 150W 2x20°	base plate Ø92mm	2,30kg
M0524.3	HIT-CE (G12) 35W 2x30°	3-circuit track adapter	2,30kg
M0524.1	HIT-CE (G12) 35W 2x30°	base plate Ø92mm	2,30kg
M0520.3	HIT-CE (G12) 70W 2x30°	3-circuit track adapter	2,30kg
M0520.1	HIT-CE (G12) 70W 2x30°	base plate Ø92mm	2,30kg
M0521.3	HIT-CE (G12) 150W 2x30°	3-circuit track adapter	2,30kg
M0521.1	HIT-CE (G12) 150W 2x30°	base plate Ø92mm	2,30kg



3-circuit tracks: see page 58

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H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux
1	0,48	6552	3016	1	0,86	2964	1441	1	1,32	1693	553	1	0,48	13105	6032	1	0,86	5927	2883	1	1,32	3386	1107
2	0,97	1638	754	2	1,72	741	360	2	2,65	423	138	2	0,97	3276	1508	2	1,72	1482	721	2	2,65	846	277
3	1,45	728	335	3	2,58	329	160	3	3,97	188	61	3	1,45	1456	670	3	2,58	659	320	3	3,97	376	123
4	1,94	410	188	4	3,45	185	90	4	5,30	106	35	4	1,94	819	377	4	3,45	370	180	4	5,30	212	69
5	2,42	262	121	5	4,31	119	58	5	6,62	68	22	5	2,42	524	241	5	4,31	237	115	5	6,62	135	44
35W spread of beam 2x10°				35W spread of beam 2x20°				35W spread of beam 2x30°				70W spread of beam 2x10°				70W spread of beam 2x20°				70W spread of beam 2x30°			

H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	-90° 90°			-90° 90°			-90° 90°		
1	0,48	27798	12795	1	0,86	12573	6115	1	1,32	7182	2348	800 1200 1600			200 400 600 800			100 200 300 400		
2	0,97	6950	3199	2	1,72	3143	1529	2	2,65	1796	587									
3	1,45	3089	1422	3	2,58	1397	679	3	3,97	798	261									
4	1,94	1737	800	4	3,45	786	382	4	5,30	449	147									
5	2,42	1112	512	5	4,31	503	245	5	6,62	287	94									
150W spread of beam 2x10°				150W spread of beam 2x20°				150W spread of beam 2x30°				HIT-CE (G12) 2x10° Cd/Klm			HIT-CE (G12) 2x20° Cd/Klm			HIT-CE (G12) 2x30° Cd/Klm		

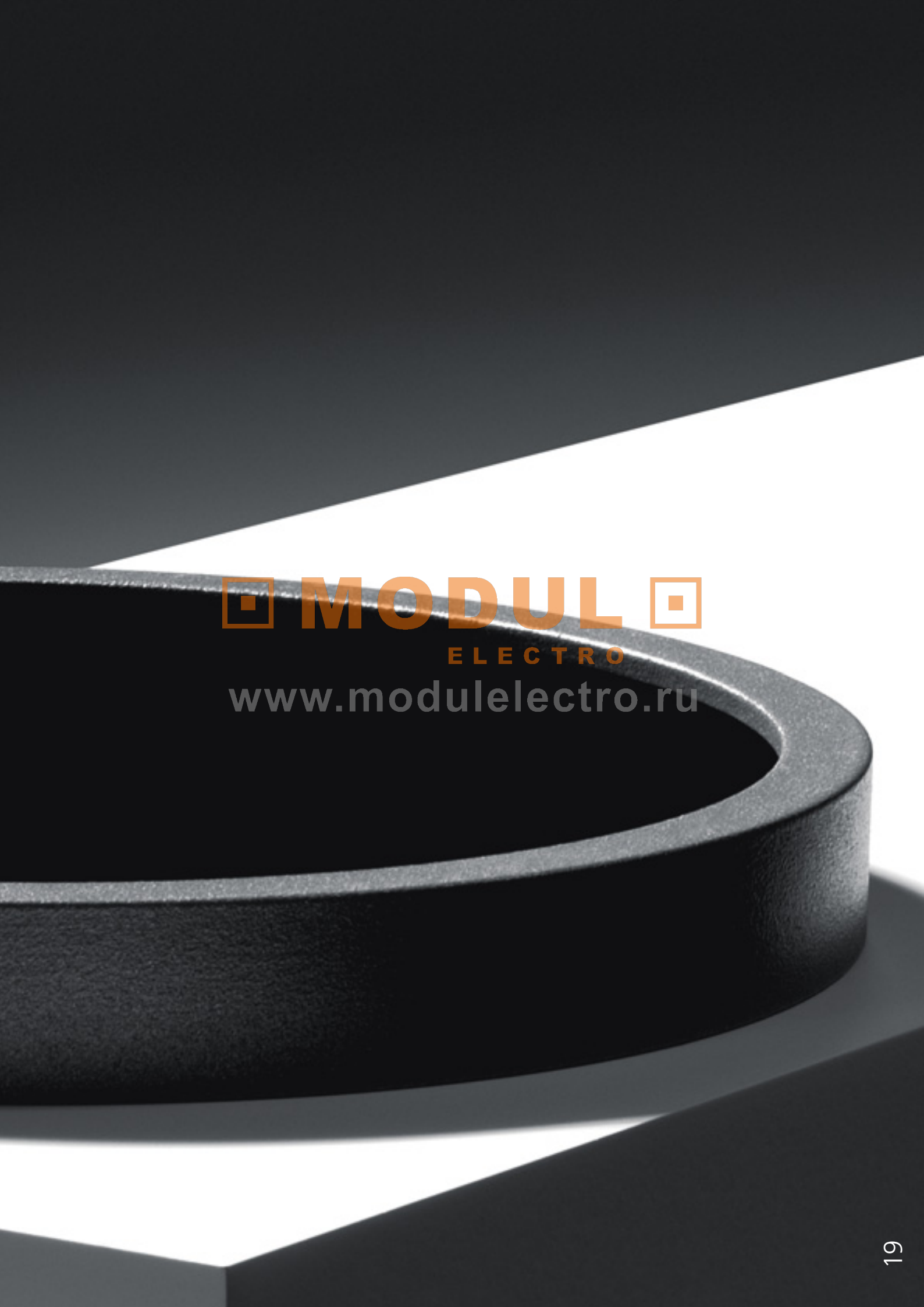
# FOCAL

design S. & R. CORNELISSEN

 **MODUL** 

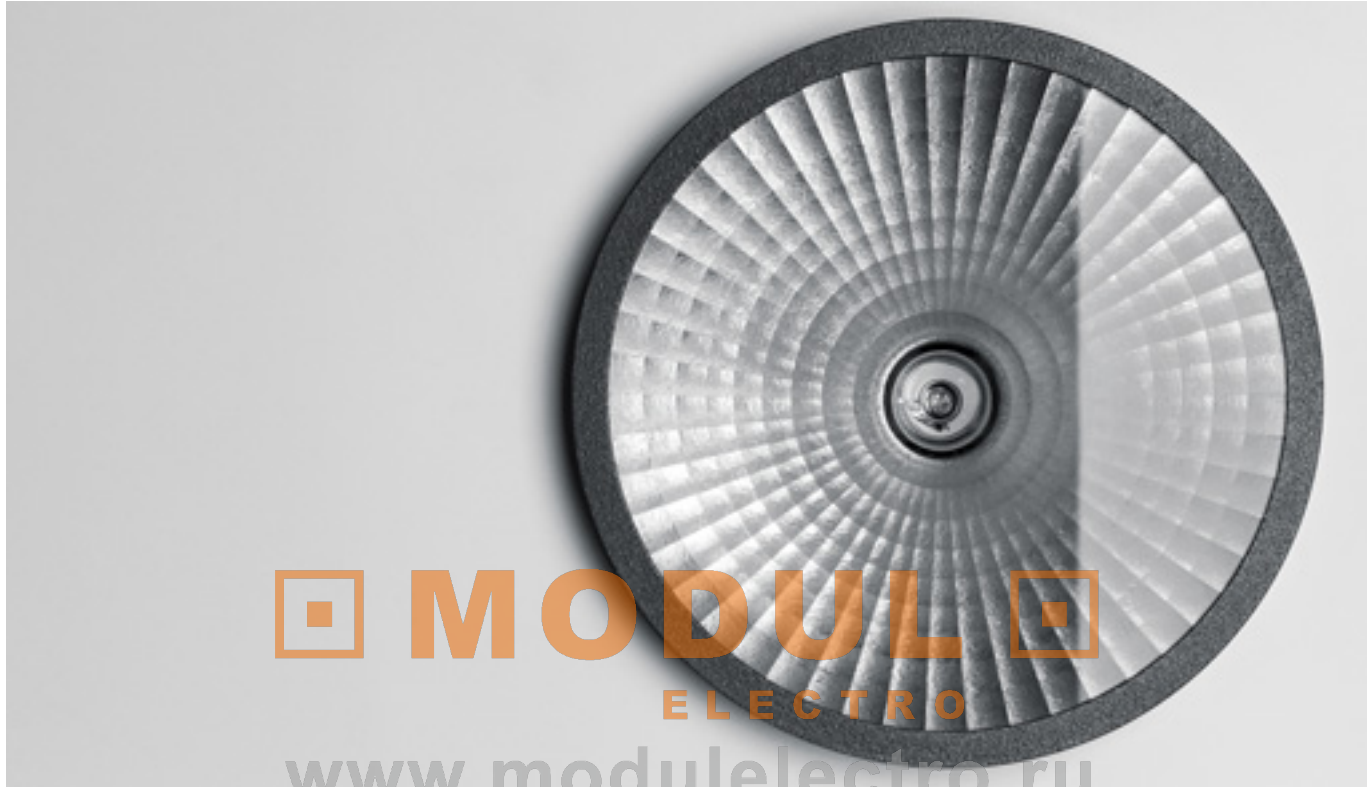
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# FOCAL



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FRONT VIEW



FOCAL TRACK



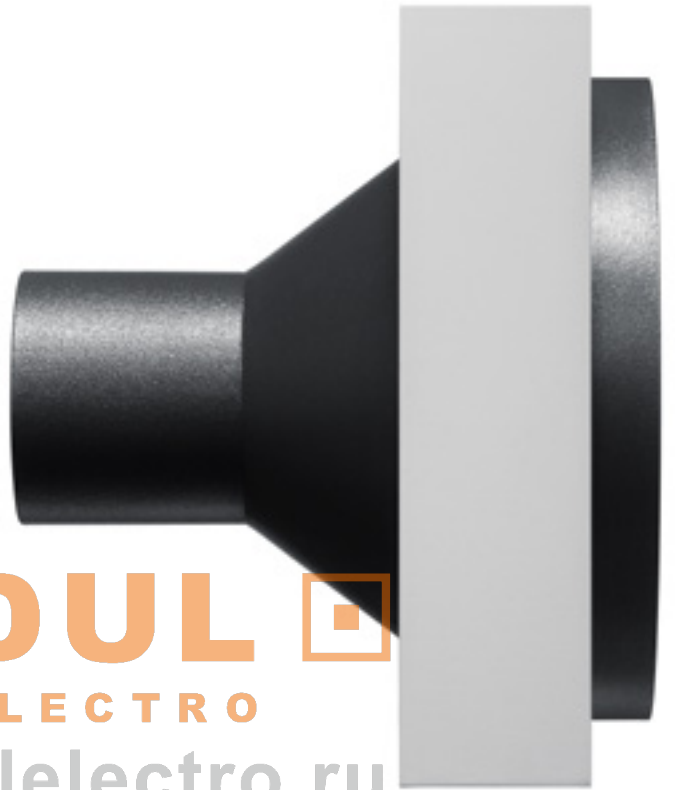
FOCAL CEILING



FOCAL SUSPENSION



SIDE VIEW (HALOGEN VERSION)



SIDE VIEW (HIT VERSION)

**MODUL**  
ELECTRO  
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FOCAL WALL

- A RANGE OF ADJUSTABLE SPOTLIGHTS USING 12V HALOGEN AND METAL-HALIDE LAMPS.
- 4 OPTIONS AVAILABLE: WITH THREE-PHASE TRACK ADAPTER, WITH BASE PLATE, WALL MOUNTING OR PENDANT.
- DIE-CAST ALUMINIUM BODY WITH A WHITE PAINT FINISH.
- ALUMINUM OPTICS FOR HIT VERSIONS, WITH CHOICE OF THREE BEAM SPREADS: SPOT, MEDIUM AND FLOOD.
- TILT ANGLE OF UP TO 90°, ROTATION OF UP TO 355°.
- LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS BY A SIMPLE QUARTER TURN ROTATION OF THE LAMP-HOLDING RING.
- HIT VERSION INCLUDES PROTECTIVE GLASS.
- ELECTRONIC CONTROL GEAR.
- WIDE RANGE OF ACCESSORIES.
- DIRECTIONAL HANDLE AS AN OPTIONAL EXTRA.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

## FOCAL TRACK




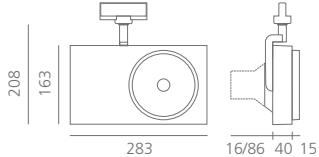
**MODULO**  
**ELECTRO**

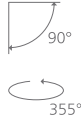
- 1 DIE-CAST ALUMINIUM BODY INCORPORATING THE ELECTRONIC CONTROL GEAR.
- 2 LIGHT SOURCE.
- 3 REFLECTOR MADE OF SUPER-PURE ALUMINIUM.
- 4 SAFETY GLASS.
- 5 OPTICS UNIT HOLDING RING MADE OF ALUMINIUM.
- 6 ACCESSORY HOLDER + LOUVRE (OPTIONAL).





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# FOCAL TRACK









 IP20 850°   white

	CODE	LIGHT SOURCE	WEIGHT
QR111 (G53)	<b>M027003*</b>	QR111 (G53) 12V max100W	2,40kg
HIR111-CE-P (GX8,5)	<b>M027103</b>	HIR111-CE-P (GX8,5) 35W	2,50kg
HIT-CE (G12) 35W = 3300lm 70W = 6600lm 150W = 14000lm	<b>M027203</b>	HIR111-CE-P (GX8,5) 70W	2,50kg
	<b>M028203</b>	HIT-CE (G12) 35W 2x4°	2,50kg
	<b>M028303</b>	HIT-CE (G12) 35W 2x10°	2,50kg
	<b>M028403</b>	HIT-CE (G12) 35W 2x28°	2,50kg
	<b>M027903</b>	HIT-CE (G12) 70W 2x4°	2,50kg
	<b>M027303</b>	HIT-CE (G12) 70W 2x10°	2,50kg
	<b>M027403</b>	HIT-CE (G12) 70W 2x28°	2,50kg
	<b>M028003</b>	HIT-CE (G12) 150W 2x4°	2,50kg
	<b>M027503</b>	HIT-CE (G12) 150W 2x10°	2,50kg
	<b>M027603</b>	HIT-CE (G12) 150W 2x28°	2,50kg
	<b>M028103</b>	HIT-TC-CE (G8,5) 70W 2x4°	2,50kg
	<b>M027703</b>	HIT-TC-CE (G8,5) 70W 2x10°	2,50kg
	<b>M027803</b>	HIT-TC-CE (G8,5) 70W 2x28°	2,50kg

\*Integral electronic transformer 20-105W, 230-240V/12V. Class I. Dimmable by trailing or leading edge external dimmers.












Accessories: see page 24  
3-circuit tracks: see page 58

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux				
1	0,13	57885	29022	1	0,31	9569	4628	1	0,98	1347	1023	1	0,13	115889	57682	1	0,34	18965	9131	1	1,08	3592	1764
2	0,27	14471	7255	2	0,62	2392	1157	2	1,97	337	256	2	0,27	28972	14421	2	0,68	4741	2283	2	2,15	898	441
3	0,40	6432	3225	3	0,93	1063	514	3	2,95	150	114	3	0,40	12877	6409	3	1,01	2107	1015	3	3,23	399	196
4	0,53	3618	1814	4	1,24	598	289	4	3,94	84	64	4	0,53	7243	3605	4	1,35	1185	571	4	4,31	225	110
5	0,66	2315	1161	5	1,55	383	185	5	4,92	54	41	5	0,66	4636	2307	5	1,69	759	365	5	5,38	144	71
HIT-CE (G12) 35W 2x4°				HIT-CE (G12) 35W 2x10°				HIT-CE (G12) 35W 2x28°				HIT-CE (G12) 70W 2x4°				HIT-CE (G12) 70W 2x10°				HIT-CE (G12) 70W 2x28°			

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux	-90° 90°			-90° 90°			-90° 90°											
1	0,13	245826	122356	1	0,34	40229	19369	1	1,08	7620	3743	2500			500			200											
2	0,27	61457	30589	2	0,68	10057	4842	2	2,15	1905	936	5000			1000			400											
3	0,40	27314	13595	3	1,01	4470	2152	3	3,23	847	416	7500			500														
4	0,53	15364	7647	4	1,35	2514	1211	4	4,31	476	234	10000			2000														
5	0,66	9833	4894	5	1,69	1609	775	5	5,38	305	150	12500			2500														
HIT-CE (G12) 150W 2x4°				HIT-CE (G12) 150W 2x10°				HIT-CE (G12) 150W 2x28°				HIT-CE (G12) 2x4°			Cd/Klm			HIT-CE (G12) 2x10°			Cd/Klm			HIT-CE (G12) 2x28°			Cd/Klm		



# FOCAL CEILING

	 <p>         IP20 850°  white     </p>																																																
<p>QR111 (G53) </p> <p>HIR111-CE-P (GX8,5) </p> <p>HIT-CE (G12) 35W = 3300lm 70W = 6600lm 150W = 14000lm </p> <p>HIT-TC-CE (G8,5) 70W = 6600lm </p>	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M027001*</b></td> <td>QR111 (G53) 12V max100W</td> <td>2,40kg</td> </tr> <tr> <td><b>M027101</b></td> <td>HIR111-CE-P (GX8,5) 35W</td> <td>2,50kg</td> </tr> <tr> <td><b>M027201</b></td> <td>HIR111-CE-P (GX8,5) 70W</td> <td>2,50kg</td> </tr> <tr> <td><b>M028201</b></td> <td>HIT-CE (G12) 35W 2x4°</td> <td>2,50kg</td> </tr> <tr> <td><b>M028301</b></td> <td>HIT-CE (G12) 35W 2x10°</td> <td>2,50kg</td> </tr> <tr> <td><b>M028401</b></td> <td>HIT-CE (G12) 35W 2x28°</td> <td>2,50kg</td> </tr> <tr> <td><b>M027901</b></td> <td>HIT-CE (G12) 70W 2x4°</td> <td>2,50kg</td> </tr> <tr> <td><b>M027301</b></td> <td>HIT-CE (G12) 70W 2x10°</td> <td>2,50kg</td> </tr> <tr> <td><b>M027401</b></td> <td>HIT-CE (G12) 70W 2x28°</td> <td>2,50kg</td> </tr> <tr> <td><b>M028001</b></td> <td>HIT-CE (G12) 150W 2x4°</td> <td>2,50kg</td> </tr> <tr> <td><b>M027501</b></td> <td>HIT-CE (G12) 150W 2x10°</td> <td>2,50kg</td> </tr> <tr> <td><b>M027601</b></td> <td>HIT-CE (G12) 150W 2x28°</td> <td>2,50kg</td> </tr> <tr> <td><b>M028101</b></td> <td>HIT-TC-CE (G8,5) 70W 2x4°</td> <td>2,50kg</td> </tr> <tr> <td><b>M027701</b></td> <td>HIT-TC-CE (G8,5) 70W 2x10°</td> <td>2,50kg</td> </tr> <tr> <td><b>M027801</b></td> <td>HIT-TC-CE (G8,5) 70W 2x28°</td> <td>2,50kg</td> </tr> </tbody> </table> <p>*Integral electronic transformer 20-105W, 230-240V/12V. Class I. Dimmable by trailing or leading edge external dimmers.</p>	CODE	LIGHT SOURCE	WEIGHT	<b>M027001*</b>	QR111 (G53) 12V max100W	2,40kg	<b>M027101</b>	HIR111-CE-P (GX8,5) 35W	2,50kg	<b>M027201</b>	HIR111-CE-P (GX8,5) 70W	2,50kg	<b>M028201</b>	HIT-CE (G12) 35W 2x4°	2,50kg	<b>M028301</b>	HIT-CE (G12) 35W 2x10°	2,50kg	<b>M028401</b>	HIT-CE (G12) 35W 2x28°	2,50kg	<b>M027901</b>	HIT-CE (G12) 70W 2x4°	2,50kg	<b>M027301</b>	HIT-CE (G12) 70W 2x10°	2,50kg	<b>M027401</b>	HIT-CE (G12) 70W 2x28°	2,50kg	<b>M028001</b>	HIT-CE (G12) 150W 2x4°	2,50kg	<b>M027501</b>	HIT-CE (G12) 150W 2x10°	2,50kg	<b>M027601</b>	HIT-CE (G12) 150W 2x28°	2,50kg	<b>M028101</b>	HIT-TC-CE (G8,5) 70W 2x4°	2,50kg	<b>M027701</b>	HIT-TC-CE (G8,5) 70W 2x10°	2,50kg	<b>M027801</b>	HIT-TC-CE (G8,5) 70W 2x28°	2,50kg
CODE	LIGHT SOURCE	WEIGHT																																															
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<b>M028101</b>	HIT-TC-CE (G8,5) 70W 2x4°	2,50kg																																															
<b>M027701</b>	HIT-TC-CE (G8,5) 70W 2x10°	2,50kg																																															
<b>M027801</b>	HIT-TC-CE (G8,5) 70W 2x28°	2,50kg																																															


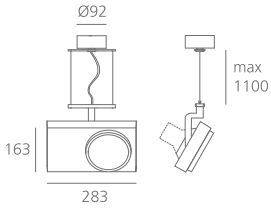










# FOCAL ACCESSORIES

	<p><b>M082007</b> Directional handle.</p> <p>● grey</p>		<p><b>M082407</b> Accessory-holder + lens for elliptical light distribution.</p> <p>● grey</p>
	<p><b>M082207</b> Accessory-holder + UV filter.</p> <p>● grey</p>		<p><b>M082307</b> Accessory-holder + louvre.</p> <p>● grey</p>
	<p><b>M082107</b> Accessory-holder + infrared filter.</p> <p>● grey</p>		<p><b>M082507</b> Wall washer screen (black).</p>


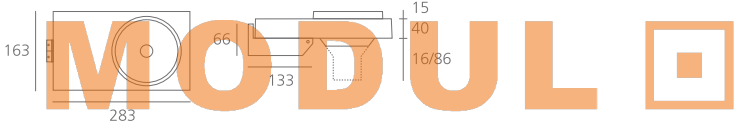










## FOCAL SUSPENSION

	 <p>         IP20 850°  03  white     </p>																														
<p>           QR111 (G53)             HIR111-CE-P (GX8,5)             HIT-CE (G12)             70W = 6600lm            150W = 14000lm            HIT-TC-CE (G8,5)             70W = 6600lm         </p>	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M176000*</b></td> <td>QR111 (G53) 12V max100W</td> <td>2,50kg</td> </tr> <tr> <td><b>M176100</b></td> <td>HIR111-CE-P (GX8,5) 35W</td> <td>2,60kg</td> </tr> <tr> <td><b>M176200</b></td> <td>HIR111-CE-P (GX8,5) 70W</td> <td>2,60kg</td> </tr> <tr> <td><b>M176300</b></td> <td>HIT-CE (G12) 70W 2x10°</td> <td>2,60kg</td> </tr> <tr> <td><b>M176400</b></td> <td>HIT-CE (G12) 70W 2x28°</td> <td>2,60kg</td> </tr> <tr> <td><b>M176500</b></td> <td>HIT-CE (G12) 150W 2x10°</td> <td>2,60kg</td> </tr> <tr> <td><b>M176600</b></td> <td>HIT-CE (G12) 150W 2x28°</td> <td>2,60kg</td> </tr> <tr> <td><b>M176700</b></td> <td>HIT-TC-CE (G8,5) 70W 2x10°</td> <td>2,60kg</td> </tr> <tr> <td><b>M176800</b></td> <td>HIT-TC-CE (G8,5) 70W 2x28°</td> <td>2,60kg</td> </tr> </tbody> </table> <p>*Integral electronic transformer 20-105W, 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.</p>	CODE	LIGHT SOURCE	WEIGHT	<b>M176000*</b>	QR111 (G53) 12V max100W	2,50kg	<b>M176100</b>	HIR111-CE-P (GX8,5) 35W	2,60kg	<b>M176200</b>	HIR111-CE-P (GX8,5) 70W	2,60kg	<b>M176300</b>	HIT-CE (G12) 70W 2x10°	2,60kg	<b>M176400</b>	HIT-CE (G12) 70W 2x28°	2,60kg	<b>M176500</b>	HIT-CE (G12) 150W 2x10°	2,60kg	<b>M176600</b>	HIT-CE (G12) 150W 2x28°	2,60kg	<b>M176700</b>	HIT-TC-CE (G8,5) 70W 2x10°	2,60kg	<b>M176800</b>	HIT-TC-CE (G8,5) 70W 2x28°	2,60kg
CODE	LIGHT SOURCE	WEIGHT																													
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<b>M176200</b>	HIR111-CE-P (GX8,5) 70W	2,60kg																													
<b>M176300</b>	HIT-CE (G12) 70W 2x10°	2,60kg																													
<b>M176400</b>	HIT-CE (G12) 70W 2x28°	2,60kg																													
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<b>M176600</b>	HIT-CE (G12) 150W 2x28°	2,60kg																													
<b>M176700</b>	HIT-TC-CE (G8,5) 70W 2x10°	2,60kg																													
<b>M176800</b>	HIT-TC-CE (G8,5) 70W 2x28°	2,60kg																													

Accessories: see page 24


## FOCAL WALL

	 <p>         IP20 850°  03  white     </p>																														
<p>           QR111 (G53)             HIR111-CE-P (GX8,5)             HIT-CE (G12)             70W = 6600lm            150W = 14000lm            HIT-TC-CE (G8,5)             70W = 6600lm         </p>	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M174500*</b></td> <td>QR111 (G53) 12V max100W</td> <td>2,50kg</td> </tr> <tr> <td><b>M174600</b></td> <td>HIR111-CE-P (GX8,5) 35W</td> <td>2,60kg</td> </tr> <tr> <td><b>M174700</b></td> <td>HIR111-CE-P (GX8,5) 70W</td> <td>2,60kg</td> </tr> <tr> <td><b>M174800</b></td> <td>HIT-CE (G12) 70W 2x10°</td> <td>2,60kg</td> </tr> <tr> <td><b>M174900</b></td> <td>HIT-CE (G12) 70W 2x28°</td> <td>2,60kg</td> </tr> <tr> <td><b>M175000</b></td> <td>HIT-CE (G12) 150W 2x10°</td> <td>2,60kg</td> </tr> <tr> <td><b>M175100</b></td> <td>HIT-CE (G12) 150W 2x28°</td> <td>2,60kg</td> </tr> <tr> <td><b>M175200</b></td> <td>HIT-TC-CE (G8,5) 70W 2x10°</td> <td>2,60kg</td> </tr> <tr> <td><b>M175300</b></td> <td>HIT-TC-CE (G8,5) 70W 2x28°</td> <td>2,60kg</td> </tr> </tbody> </table> <p>*Integral electronic transformer 20-105W, 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.</p>	CODE	LIGHT SOURCE	WEIGHT	<b>M174500*</b>	QR111 (G53) 12V max100W	2,50kg	<b>M174600</b>	HIR111-CE-P (GX8,5) 35W	2,60kg	<b>M174700</b>	HIR111-CE-P (GX8,5) 70W	2,60kg	<b>M174800</b>	HIT-CE (G12) 70W 2x10°	2,60kg	<b>M174900</b>	HIT-CE (G12) 70W 2x28°	2,60kg	<b>M175000</b>	HIT-CE (G12) 150W 2x10°	2,60kg	<b>M175100</b>	HIT-CE (G12) 150W 2x28°	2,60kg	<b>M175200</b>	HIT-TC-CE (G8,5) 70W 2x10°	2,60kg	<b>M175300</b>	HIT-TC-CE (G8,5) 70W 2x28°	2,60kg
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Accessories: see page 24

# OTO

design FOSTER & PARTNERS

  
ELECTRO  
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A close-up, black and white photograph of a microphone capsule. The capsule is circular and mounted on a metal frame. The background is dark and out of focus, showing parts of the microphone's body.

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# OTO



- A RANGE OF DIRECTIONAL SPOTLIGHTS USING 12V OR 230/240V HALOGEN AND METAL HALIDE LAMPS.
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- OPTICAL UNIT AVAILABLE IN 2 DIAMETER OPTIONS DEPENDING ON THE LIGHT SOURCE: Ø80MM AND Ø130MM.
- ALUMINIUM OPTICS WITH VARIOUS BEAM SPREADS.
- TILT ANGLE OF UP TO 90°, ROTATION OF UP TO 355°.
- ELECTRONIC CONTROL GEAR.
- SAFETY GLASS WITH HIT VERSION.
- WIDE RANGE OF ACCESSORIES.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.



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Meister am Werk.

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**MODULO**


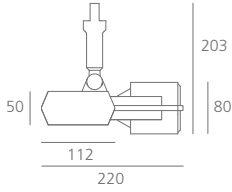









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Коллекция: Портик, Дорони, Арки, Лавы, Луца, Медиа




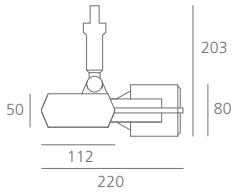
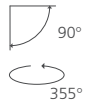
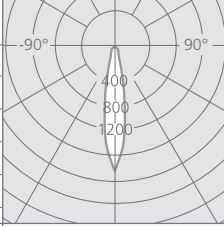
## OTO 80 HALO

			     							
			<b>QR-CBC51 (GU5,3)</b>  <b>QPAR20 (E27)</b> 	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>L2306.0*</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> <td>0,95kg</td> </tr> <tr> <td><b>L2308.0</b></td> <td>QPAR20 (E27) max50W</td> <td>0,80kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>L2306.0*</b>	QR-CBC51 (GU5,3) 12V max50W	0,95kg
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\*Integral electronic transformer 20-70W, 230-240V/12V. Class II. Dimmable by trailing edge external dimmers.

3-circuit tracks: see page 58

## OTO 80 HIT

			<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0,33</td> <td>5981</td> <td>2875</td> </tr> <tr> <td>2</td> <td>0,66</td> <td>1495</td> <td>719</td> </tr> <tr> <td>3</td> <td>0,98</td> <td>665</td> <td>319</td> </tr> <tr> <td>4</td> <td>1,31</td> <td>374</td> <td>180</td> </tr> <tr> <td>5</td> <td>1,64</td> <td>239</td> <td>115</td> </tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	1	0,33	5981	2875	2	0,66	1495	719	3	0,98	665	319	4	1,31	374	180	5	1,64	239	115	
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spread of beam 2x10° HIT-TC-CE (G8,5) Cd/Klm

H m	Ø m	EMax lux	EM lux
1	0,60	2388	1051
2	1,21	597	263
3	1,81	265	117
4	2,42	149	66
5	3,02	96	42

spread of beam 2x17° HIT-TC-CE (G8,5) Cd/Klm


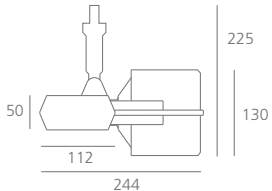
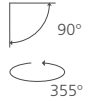




CODE	LIGHT SOURCE	WEIGHT
<b>L2346.0</b>	HIT-TC-CE (G8,5) 35W 2x17°	1,40kg

3-circuit tracks: see page 58

## OTO 80 ACCESSORIES

	<b>L237000</b> Accessory-holder + light-shade grill. Ø80mm.   black		<b>L237600</b> Framing device.   black
	<b>L237100</b> Accessory-holder + adjustable dowser. Ø80mm.   black		<b>L237400</b> Accessory-holder + filter. Ø80mm. <b>L237500</b> UV filter. <b>L237500</b> Infrared filter.
	<b>L237200</b> Accessory-holder + wall washer screen. Ø80mm.   black		Accessory-holder + coloured filter. Ø80mm. <b>L237340</b> Red. <b>L237350</b> Blue. <b>L237360</b> Yellow. <b>L237380</b> Green.

# OTO 130 HALO

											
<p>QR111 (G53) </p> <p>QPAR30 (E27) </p>	<p> <input type="checkbox"/> IP20  <input type="checkbox"/>  03 <input type="checkbox"/> grey/black 0 <input type="checkbox"/> silver grey 1 <input type="checkbox"/> white 2         </p> <table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>L2312.0*</b></td> <td>QR111 (G53) 12V max100W</td> <td>1,60kg</td> </tr> <tr> <td><b>L2314.0</b></td> <td>QPAR30 (E27) max75W</td> <td>1,50kg</td> </tr> </tbody> </table> <p>*Integral electronic transformer 35-105W, 230-240V/12V. Class II. Dimmable by trailing edge external dimmers.</p>	CODE	LIGHT SOURCE	WEIGHT	<b>L2312.0*</b>	QR111 (G53) 12V max100W	1,60kg	<b>L2314.0</b>	QPAR30 (E27) max75W	1,50kg	
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3-circuit tracks: see page 58


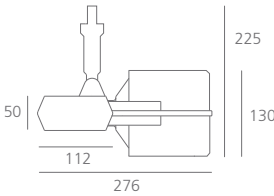

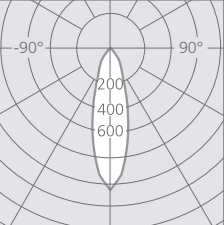


TUCANO SHOWROOM, MILAN (I), ROBERTO PAOLI.



EDRA SHOWROOM, MILAN (I), MASSIMO MOROZZI.

# OTO 130 HIT

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3-circuit tracks: see page 58

## OTO 130 ACCESSORIES


	<p><b>L238000</b> Accessory-holder + light-shade grill. Ø130mm.</p> <p>● black</p>		<p><b>L238200</b> Accessory-holder + wall washer screen. Ø130mm.</p> <p>● black</p>
	<p><b>L238100</b> Accessory-holder + adjustable dowser. Ø130mm.</p> <p>● black</p>		<p>Accessory-holder + filter. Ø130mm.</p> <p><b>L238400</b> UV filter.</p> <p><b>L238500</b> Infrared filter.</p>

# ERMES

design MICHEL TORTEL

  
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# ERMES



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- A RANGE OF DIRECTIONAL SPOTLIGHTS USING 12V HALOGEN AND METAL HALIDE LAMPS.
- 2 OPTIONS AVAILABLE: WITH THREE-PHASE TRACK ADAPTER, AND WITH BASE PLATE.
- ALUMINIUM BODY COMPRISED OF AN OPTICAL AND POWER SUPPLY UNIT.
- OPTICAL UNIT AVAILABLE IN 2 DIAMETER OPTIONS DEPENDING ON THE LIGHT SOURCE: Ø78MM AND Ø155MM.
- TILT ANGLE OF UP TO 90°, ROTATION OF UP TO 355°.
- ELECTRONIC TRANSFORMER. FERROMAGNETIC BALLAST.
- SAFETY GLASS WITH HIT VERSION.
- WIDE RANGE OF ACCESSORIES.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.


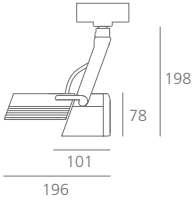


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ELECTRO

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## ERMES 78

		
QR-CBC51 (GU5,3) 	<b>CODE</b> <b>LIGHT SOURCE</b> <b>VERSION</b> <b>WEIGHT</b>	
	<b>M0203.3</b> QR-CBC51 (GU5,3) 12V max50W      3-circuit track adapter      1,20kg	
Integral electronic transformer 20-70W, 230-240V/12V. Class II. Dimmable by trailing edge external dimmers.		


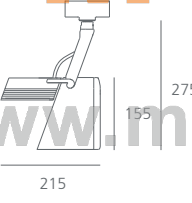
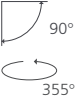

3-circuit tracks: see page 58

## ERMES 78 ACCESSORIES

	<b>M08.127</b> Adjustable dowser.  ○ white 0 ● metal grey 6		<b>M08.1147</b> Light-shade grill. Black.
	<b>M08.137</b> Wall washer screen.  ○ white 0 ● metal grey 6		Coloured filter. Ø48mm. <b>M080305</b> Yellow. <b>M080315</b> Blue. <b>M080325</b> Red. <b>M080335</b> Green.

# ERMES 155 HALO **MODULO** **ELECTRO**

www.modulelectro.ru

		
QR111 (G53) 	<b>CODE</b> <b>LIGHT SOURCE</b> <b>VERSION</b> <b>WEIGHT</b>	
	<b>M0204.3</b> QR111 (G53) 12V max100W      3-circuit track adapter      1,50kg	
	<b>M0204.1</b> QR111 (G53) 12V max100W      base plate      1,50kg	
Integral electronic transformer 35-105W, 230-240V/12V. Class II. Dimmable by trailing edge external dimmers.		


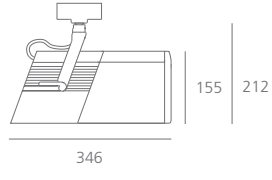

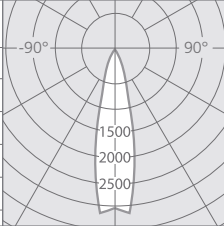

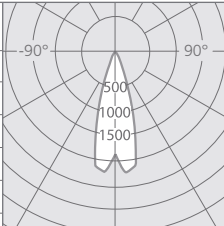
3-circuit tracks: see page 58



ASTON MARTIN SHOWROOM, PARIS (F), HÉLÈNE AZIZA.  
 PAGE 39: HQ'S TOYOTA MOTORS ITALIA, ROME (I), SHIGERU IWAKIRI - KENZO TANGE ASSOCIATES





# ERMES 155 HIT

			<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr><td>1</td><td>0,44</td><td>19810</td><td>9700</td></tr> <tr><td>2</td><td>0,88</td><td>4952</td><td>2425</td></tr> <tr><td>3</td><td>1,32</td><td>2201</td><td>1078</td></tr> <tr><td>4</td><td>1,76</td><td>1238</td><td>606</td></tr> <tr><td>5</td><td>2,20</td><td>792</td><td>388</td></tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	1	0,44	19810	9700	2	0,88	4952	2425	3	1,32	2201	1078	4	1,76	1238	606	5	2,20	792	388						
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<p>HIT-CE (G12)</p> <p>70W = 6600lm 150W = 14000lm</p> 	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>VERSION</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0590.3</b></td> <td>HIT-CE (G12) 70W 2x12°</td> <td>3-circuit track adapter</td> <td>3,80kg</td> </tr> <tr> <td><b>M0590.1</b></td> <td>HIT-CE (G12) 70W 2x12°</td> <td>base plate</td> <td>3,80kg</td> </tr> </tbody> </table>			CODE	LIGHT SOURCE	VERSION	WEIGHT	<b>M0590.3</b>	HIT-CE (G12) 70W 2x12°	3-circuit track adapter	3,80kg	<b>M0590.1</b>	HIT-CE (G12) 70W 2x12°	base plate	3,80kg																		
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<table border="1"> <tbody> <tr> <td><b>M0594.3</b></td> <td>HIT-CE (G12) 150W 2x16°</td> <td>3-circuit track adapter</td> <td>4,80kg</td> </tr> <tr> <td><b>M0594.1</b></td> <td>HIT-CE (G12) 150W 2x16°</td> <td>base plate</td> <td>4,80kg</td> </tr> </tbody> </table>			<b>M0594.3</b>	HIT-CE (G12) 150W 2x16°	3-circuit track adapter	4,80kg	<b>M0594.1</b>	HIT-CE (G12) 150W 2x16°	base plate	4,80kg																							
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3-circuit tracks: see page 58

# ERMES 155 ACCESSORIES

	<p><b>M081157</b> Anti-dazzle ring. Ø155mm. Black.</p>		<p><b>M086835</b> Filter-holder + sanded glass filter. Ø140mm.</p>
	<p><b>M081167</b> Wall washer screen. Ø155mm. Black.</p>		

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# IODO

design M. TRIMARCHI



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- DIRECTIONAL SPOTLIGHT USING 12V DICHROIC HALOGEN, METAL HALIDE AND 230-240V LED LAMPS.
- INCLUDES THREE-PHASE TRACK ADAPTER AND POWER SUPPLY UNIT WITH INTEGRAL ELECTRONIC CONTROL GEAR.
- DIE-CAST ALUMINIUM BODY.
- FROSTED GLASS DECORATIVE RING.
- TILT ANGLE OF UP TO 70°, ROTATION OF UP TO 35°.
- LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.




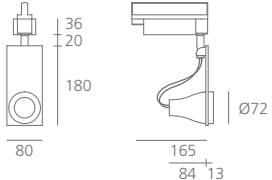


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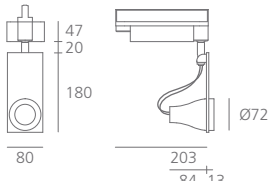




## IODO HALO

		
QR-CBC51 (GU5,3) 	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	
	<b>M023223</b> QR-CBC51 (GU5,3) 12V max50W      0,95kg	
Integral electronic transformer, 20-50W, 230-240V/12V. Class II. Dimmable by leading or trailing edge external dimmers.		

3-circuit tracks: see page 58





## IODO HIT

		
HIPAR51-CE-P (GX10) 	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	
	<b>M023323</b> HIPAR51-CE-P (GX10) max35W      1,15kg	
Integral electronic control gear.		

3-circuit tracks: see page 58


  
**ELECTRO**

## IODO LED



		
LED (GU10)  max 63mm (overall)	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	
	<b>M023423</b> LED (GU10) 230-240V      0,80kg	


3-circuit tracks: see page 58

www.modulelectro.ru

# STARSHIP

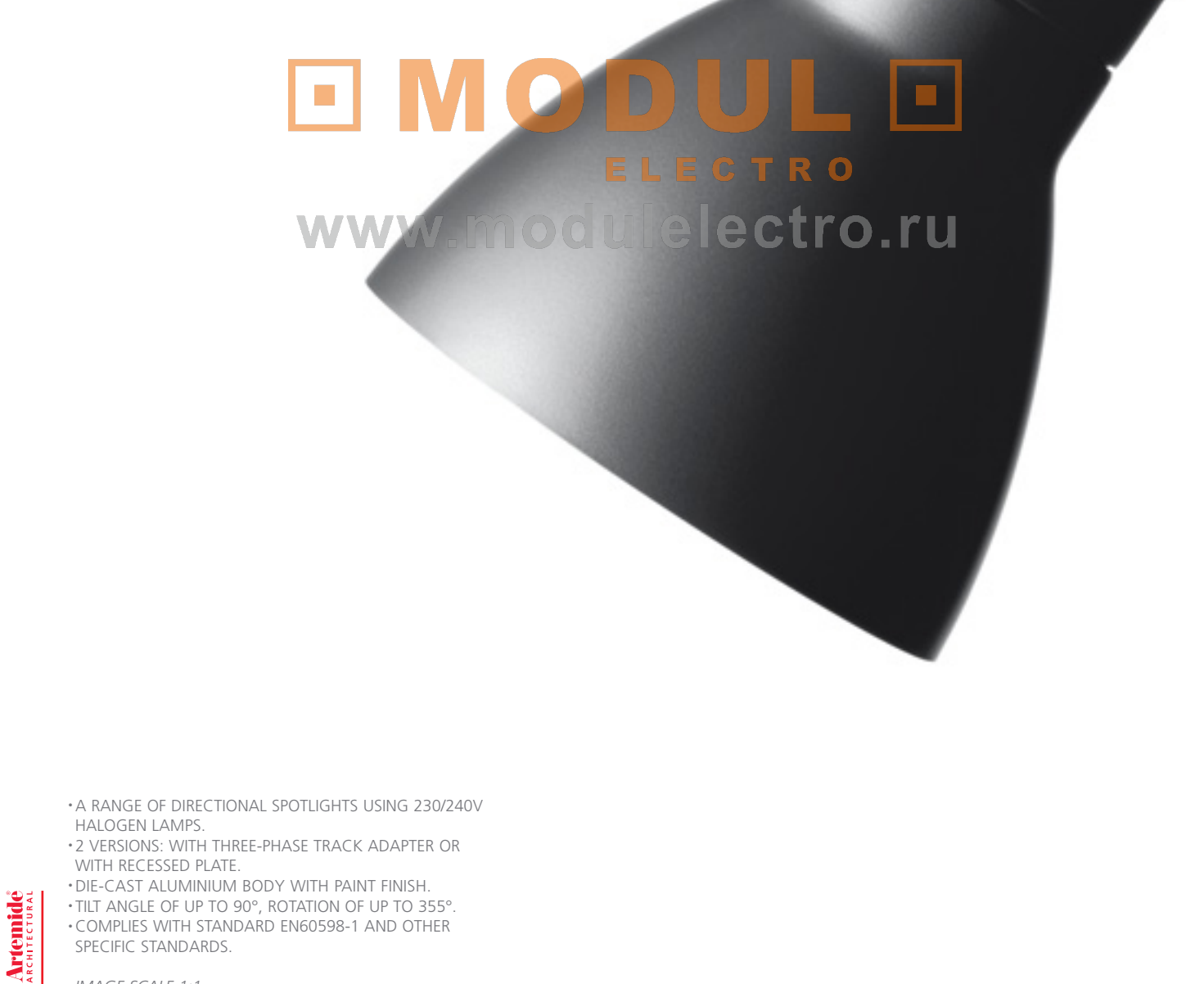
design ALBERTO MEDA - PAOLO RIZZATTO

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# STARSHIP




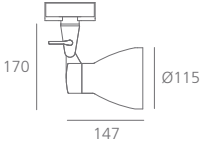






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- DIE-CAST ALUMINIUM BODY WITH PAINT FINISH.
- TILT ANGLE OF UP TO 90°, ROTATION OF UP TO 355°.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

IMAGE SCALE 1:1


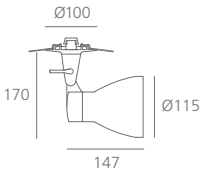
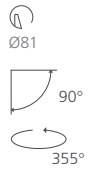







## STARSHIP TRACK

			  IP20 <span style="margin-left: 20px;">  white <b>2</b>  black <b>3</b>  metal grey <b>9</b> </span>						
			<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>L1625.0</b></td> <td>QPAR30 (E27) max75W</td> <td>0,60kg</td> </tr> <tr> <td><b>L1610.0</b></td> <td>QPAR-CB51 (GZ10) max50W</td> <td>0,60kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>L1625.0</b>	QPAR30 (E27) max75W	0,60kg
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<b>L1625.0</b>	QPAR30 (E27) max75W	0,60kg							
<b>L1610.0</b>	QPAR-CB51 (GZ10) max50W	0,60kg							

3-circuit tracks: see page 58

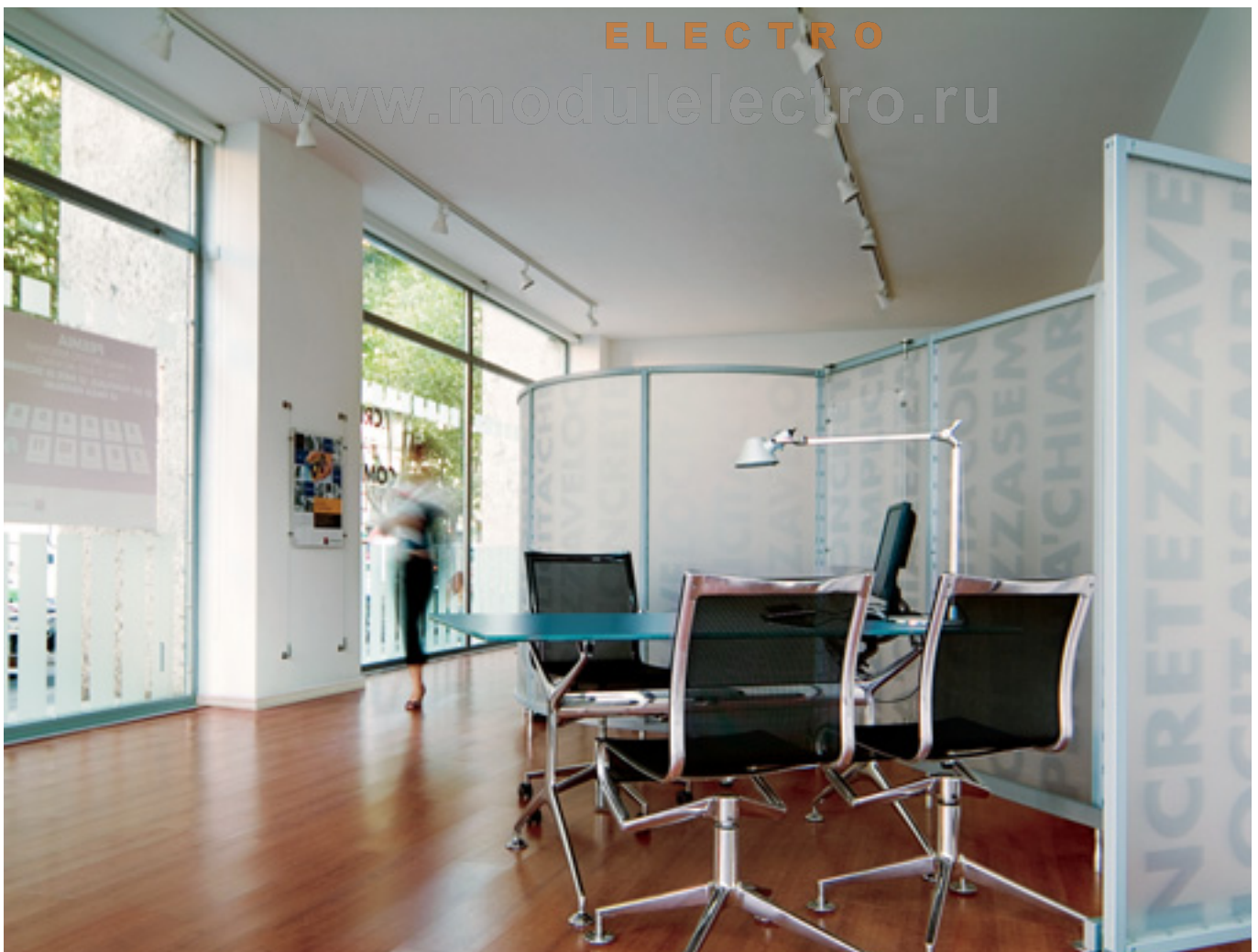
## STARSHIP SEMI-RECESSED

			  IP20 <span style="margin-left: 20px;">  white <b>2</b>  black <b>3</b>  metal grey <b>9</b> </span>			
			<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>L1650.0</b></td> <td>QPAR30 (E27) max75W</td> <td>0,60kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT
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<b>L1650.0</b>	QPAR30 (E27) max75W	0,60kg				

# MODUL

## ELECTRO

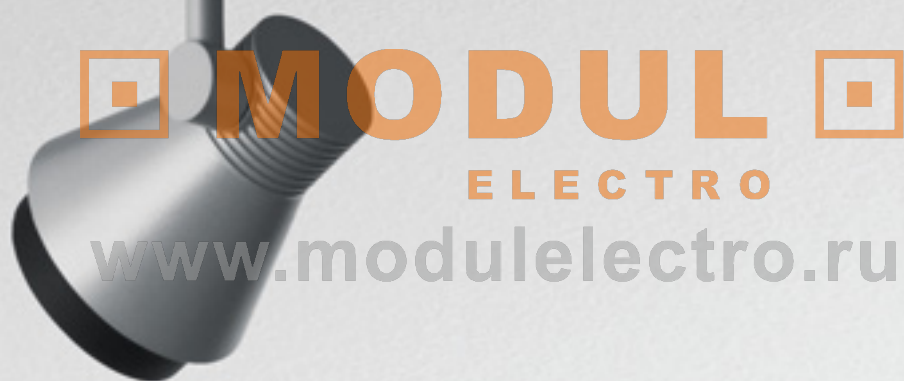
[www.modulelectro.ru](http://www.modulelectro.ru)



PUNTI CREDITO FIDITALIA, ROME (I), FRAGILE.

# MINI FLAP SPOT

design ZEBULON



**MODUL**

**ELECTRO**

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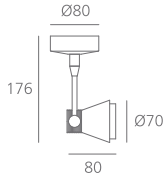
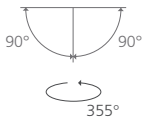



**MODUL**  
ELECTRO


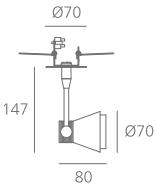
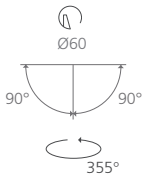

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- A RANGE OF DIRECTIONAL SPOTLIGHTS USING 12V DICHROIC HALOGEN, HIPAR51 METAL HALIDE AND 230-240V LED LAMPS.
- 3 OPTIONS AVAILABLE : WITH 3-PHASE TRACK ADAPTER, WITH BASE PLATE OR WITH RECESSED PLATE.
- ALUMINIUM BODY. METAL GREY OR BLACK PAINT FINISH.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.


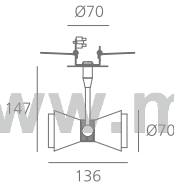
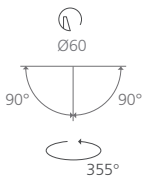

## MINI FLAP SPOT CEILING SURFACE

		
QR-CBC51 (GU5,3) 	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	
	<b>M025161</b> QR-CBC51 (GU5,3) 12V 1xmax50W	0,60kg
Integral electronic transformer 20-50W, 230-240V/12V. Dimmable by trailing edge external dimmers.		


## MINI FLAP SPOT CEILING RECESSED

		
QR-CBC51 (GU5,3) 	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	
	<b>M011764</b> QR-CBC51 (GU5,3) 12V 1xmax50W	0,50kg
Remote transformer.		


  
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QR-CBC51 (GU5,3) 	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	
	<b>M011864</b> QR-CBC51 (GU5,3) 12V 2xmax50W	0,65kg
Remote transformer.		

## MINI FLAP SPOT CEILING RECESSED CONTROL GEARS


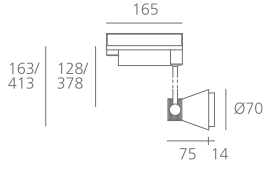
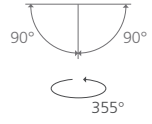
	Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.
	<b>M070211</b> 10-60W. 123x32x32mm. <b>M070412</b> 35-105W. 102x51x30mm.




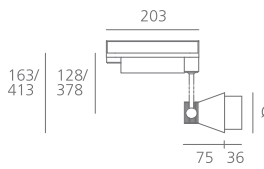
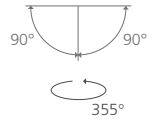
LE PRINTEMPS, DEAUVILLE (F)




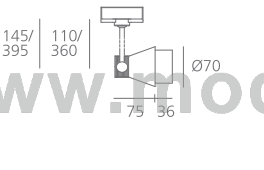
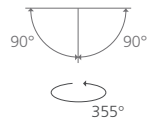
# MINI FLAP SPOT TRACK

			<input type="checkbox"/> IP20   ● black 1   ● metal grey 6									
			<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>ROD HEIGHT</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0120.3</b></td> <td>QR-CBC51 (GU5,3) 12V 1xmax50W</td> <td>70mm</td> <td>0,70kg</td> </tr> <tr> <td><b>M0121.3</b></td> <td>QR-CBC51 (GU5,3) 12V 1xmax50W</td> <td>300mm</td> <td>0,80kg</td> </tr> </tbody> </table> <p>Integral electronic transformer 20-50W. Dimmable by leading or trailing edge external dimmers.</p>	CODE	LIGHT SOURCE	ROD HEIGHT	WEIGHT	<b>M0120.3</b>	QR-CBC51 (GU5,3) 12V 1xmax50W	70mm	0,70kg	<b>M0121.3</b>
CODE	LIGHT SOURCE	ROD HEIGHT	WEIGHT									
<b>M0120.3</b>	QR-CBC51 (GU5,3) 12V 1xmax50W	70mm	0,70kg									
<b>M0121.3</b>	QR-CBC51 (GU5,3) 12V 1xmax50W	300mm	0,80kg									


3-circuit tracks: see page 58

			<input type="checkbox"/> IP20   ● black 1   ● metal grey 6									
			<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>ROD HEIGHT</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0122.3</b></td> <td>HIPAR51-CE-P (GX10) 1x35W</td> <td>70mm</td> <td>0,90kg</td> </tr> <tr> <td><b>M0123.3</b></td> <td>HIPAR51-CE-P (GX10) 1x35W</td> <td>300mm</td> <td>1,00kg</td> </tr> </tbody> </table> <p>Integral electronic ballast HIT 35W.</p>	CODE	LIGHT SOURCE	ROD HEIGHT	WEIGHT	<b>M0122.3</b>	HIPAR51-CE-P (GX10) 1x35W	70mm	0,90kg	<b>M0123.3</b>
CODE	LIGHT SOURCE	ROD HEIGHT	WEIGHT									
<b>M0122.3</b>	HIPAR51-CE-P (GX10) 1x35W	70mm	0,90kg									
<b>M0123.3</b>	HIPAR51-CE-P (GX10) 1x35W	300mm	1,00kg									

3-circuit tracks: see page 58

			<input type="checkbox"/> IP20   ● black 1   ● metal grey 6									
			<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>ROD HEIGHT</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0113.3</b></td> <td>LED (GU10) 230-240V</td> <td>70mm</td> <td>0,50kg</td> </tr> <tr> <td><b>M0114.3</b></td> <td>LED (GU10) 230-240V</td> <td>300mm</td> <td>0,50kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	ROD HEIGHT	WEIGHT	<b>M0113.3</b>	LED (GU10) 230-240V	70mm	0,50kg	<b>M0114.3</b>
CODE	LIGHT SOURCE	ROD HEIGHT	WEIGHT									
<b>M0113.3</b>	LED (GU10) 230-240V	70mm	0,50kg									
<b>M0114.3</b>	LED (GU10) 230-240V	300mm	0,50kg									

3-circuit tracks: see page 58


  
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# MIKADO TRACK

design F.A. PORSCHE



## MODUL


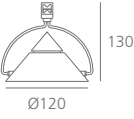
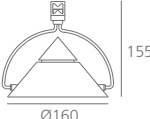


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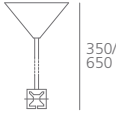

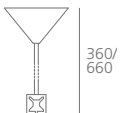





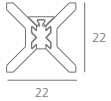




- A SYSTEM COMPOSED OF A VERY LOW VOLTAGE TRACK IN EXTRUDED ALUMINIUM WITH 2 CONDUCTORS SEPARATED BY AN ISOLATING SECTION FOR USE WITH ADJUSTABLE SPOTS USING 12V DICHROIC HALOGEN LAMPS.
- BLACK OR GREY ANODIZED TRACK.
- 3 LENGTH OPTIONS: 1, 2 OR 3M.
- MAXIMUM INTENSITY: 25A.
- SPOTLIGHTS IN DIE-CAST ALUMINIUM WITH A METALLIC GREY PAINT FINISH, AVAILABLE IN 2 DIAMETERS (Ø120 AND Ø160MM).
- WIDE RANGE OF FITTING, CONNECTION AND POWER SUPPLY COMPONENTS.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

# MIKADO TRACK Ø120/Ø160

		
		
QR-CBC51 (GU5,3) 	<b>CODE</b> <b>LIGHT SOURCE</b> <b>Ø OPTICS</b> <b>WEIGHT</b>	<b>L155600</b> QR-CBC51 (GU5,3) 12V max50W    120mm    0,20kg
	<b>L155800</b> QR-CBC51 (GU5,3) 12V max50W    160mm    0,30kg	

## MIKADO TRACK COMPONENTS

	Suspension rod. <b>L155100</b> 300mm. <b>L155200</b> 600mm.		<b>L154700</b> Linear connector.
	Linear connector with rod. <b>L154400</b> 300mm. <b>L154500</b> 600mm.		<b>L153700</b> Connector with adjustable corner.
	Feeding rod. <b>L157600</b> 100mm. <b>L154800</b> 300mm. <b>L154900</b> 600mm.		<b>L460173</b> Toroidal transformer 300VA 230V/12V. 3,00kg.
	Track. <b>L1540.0</b> 1000mm. 0,40kg. <b>L1541.0</b> 2000mm. 0,90kg. <b>L1542.0</b> 3000mm. 1,40kg.		<b>L159900</b> 300VA transformer holder. Ø235mm. 0,83kg.
	● black 3    ● grey 9		<b>L155500</b> Ceiling plate. Ø185mm. 0,29kg.
	<b>L154300</b> End cap (set of 2).		



S.M.A., MILAN (I), P. CAROZZI.

# MIKADO SPOT




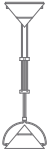





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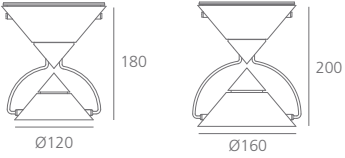





- A RANGE OF ADJUSTABLE SPOTLIGHTS USING 12V DICHROIC HALOGEN LAMPS.
- 3 OPTIONS AVAILABLE: PENDANT, WALL/CEILING OR SEMI-RECESSED.
- DIE-CAST ALUMINIUM BODY WITH METALLIC GREY PAINT FINISH, AVAILABLE IN 2 DIAMETERS (Ø120 AND Ø160MM). INTEGRAL TRANSFORMER (EXCEPT WITH SEMI-RECESSED VERSION).
- PENDANT VERSION EQUIPPED WITH HEIGHT-ADJUSTABLE ROD.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.



## MIKADO SUSPENSION Ø160


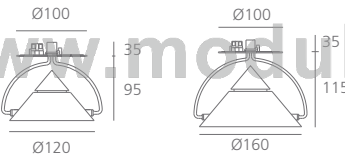





	 <p>min 600 - max 900 / min 1030 - max 1790</p> <p>Ø160</p>	   				
			QR-CBC51 (GU5,3) 	<b>CODE</b>	<b>LIGHT SOURCE</b>	<b>Ø OPTICS</b>
	<b>L144800</b>	QR-CBC51 (GU5,3) 12V max50W	160mm	from 600 to 900mm	1,30kg	
	<b>L145200</b>	QR-CBC51 (GU5,3) 12V max50W	160mm	from 1030 to 1790mm	1,90kg	

## MIKADO WALL/CEILING Ø120/Ø160

		   			
			QR-CBC51 (GU5,3) 	<b>CODE</b>	<b>LIGHT SOURCE</b>
	<b>L142400</b>	QR-CBC51 (GU5,3) 12V max50W	120mm		1,20kg
	<b>L141900</b>	QR-CBC51 (GU5,3) 12V max50W	160mm		1,80kg

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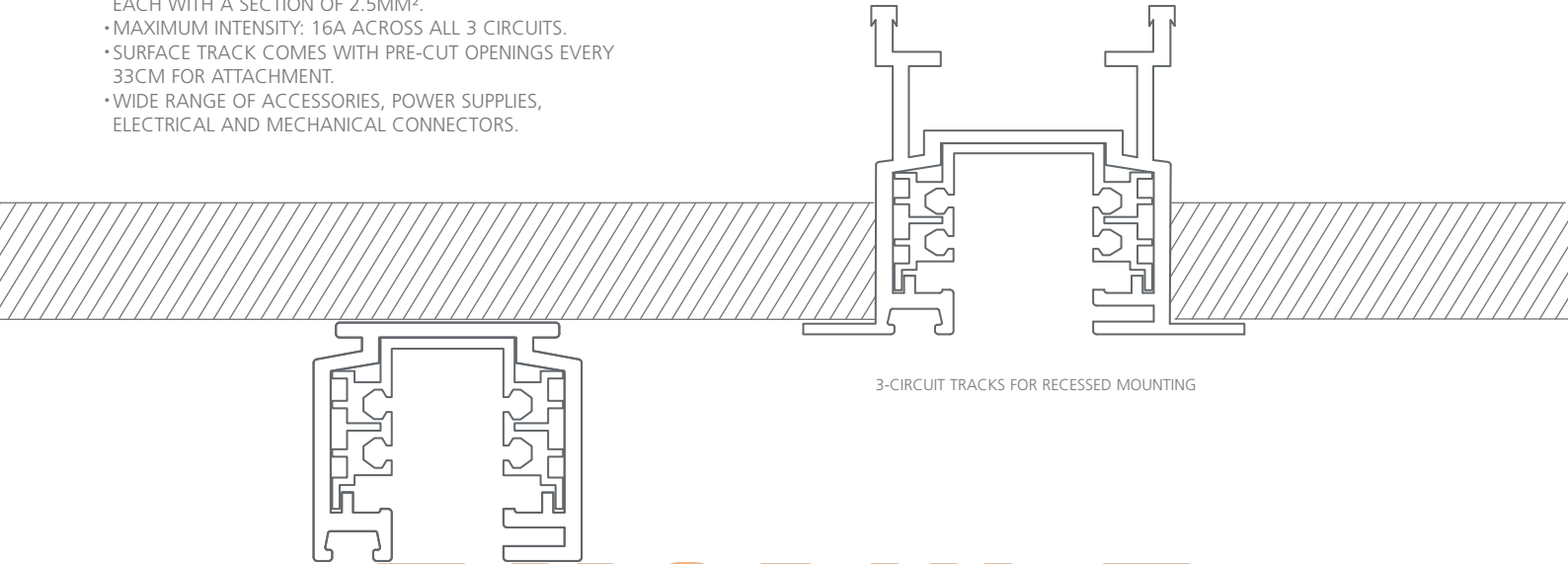
## MIKADO SEMI-RECESSED Ø120/Ø160

		   			
			QR-CBC51 (GU5,3) 	<b>CODE</b>	<b>LIGHT SOURCE</b>
	<b>L152300</b>	QR-CBC51 (GU5,3) 12V max50W	120mm		0,80kg
	<b>L152700</b>	QR-CBC51 (GU5,3) 12V max50W	160mm		1,30kg



# 3-CIRCUIT TRACKS

- THREE-PHASE TRACKS FOR SURFACE CEILING OR PENDANT MOUNTING, AND FOR RECESSED INSTALLATION.
- EXTRUDED ALUMINIUM PROFILE WITH WHITE, BLACK OR ALUMINIUM FINISH.
- AVAILABLE IN LENGTHS OF UP TO 4000MM, CAN BE CUT ON SITE TO THE REQUIRED LENGTH.
- 5 CONDUCTORS (1 EARTH, 1 NEUTRAL, 3 PHASES) EACH WITH A SECTION OF 2.5MM<sup>2</sup>.
- MAXIMUM INTENSITY: 16A ACROSS ALL 3 CIRCUITS.
- SURFACE TRACK COMES WITH PRE-CUT OPENINGS EVERY 33CM FOR ATTACHMENT.
- WIDE RANGE OF ACCESSORIES, POWER SUPPLIES, ELECTRICAL AND MECHANICAL CONNECTORS.

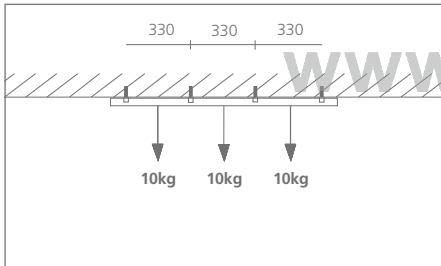


3-CIRCUIT TRACKS FOR RECESSED MOUNTING

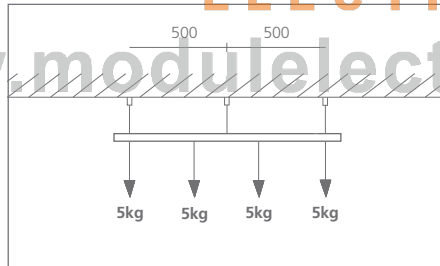
3-CIRCUIT TRACKS FOR SURFACE MOUNTING

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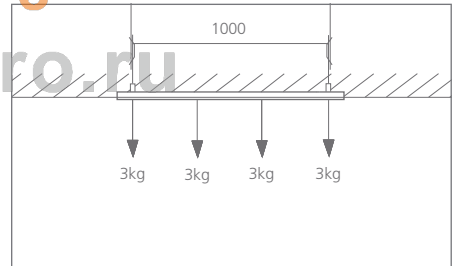
MAXIMUM MECHANICAL LOAD permitted for spotlights or other loads in relation with the number of fixing points it includes the weight of the track.



3-CIRCUIT TRACK FOR SURFACE MOUNTING with fixing points every 0,33m.



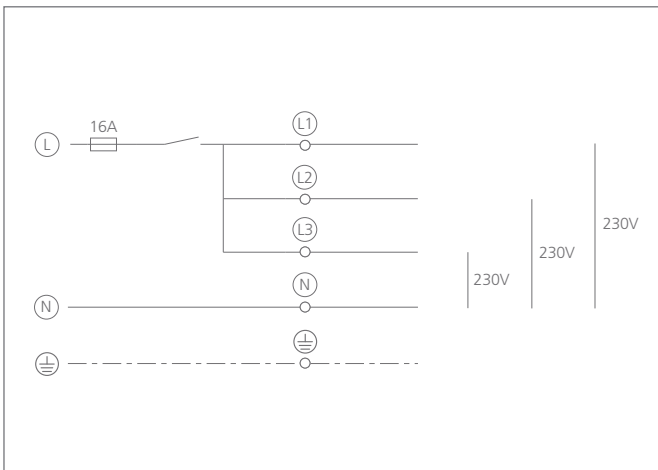
3-CIRCUIT TRACK FOR PENDANT MOUNTING with suspension points every 0,5m. (Also applies to recessed mounted tracks).



3-CIRCUIT TRACK FOR RECESSED MOUNTING with suspension points every 1m. (Also applies to pendant mounted tracks).

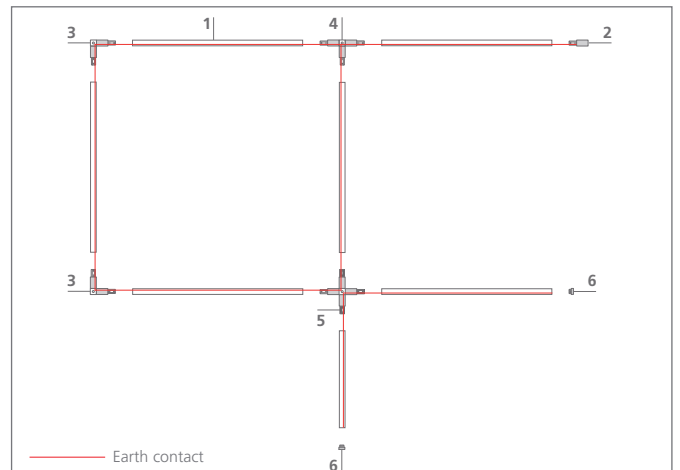
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ELECTRICAL CONNECTION FOR 230V (220-240V) ALTERNATING CURRENT.




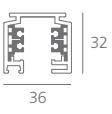
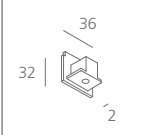
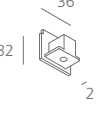
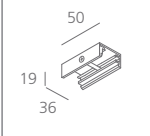
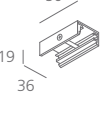
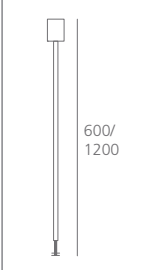
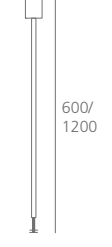
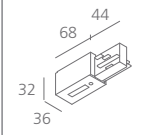
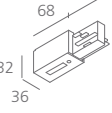
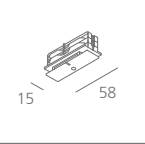
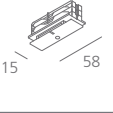
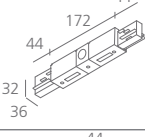
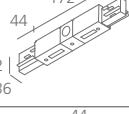
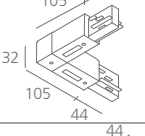
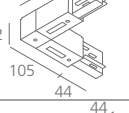
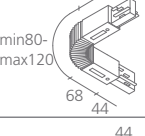
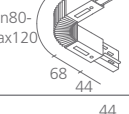
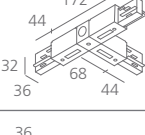
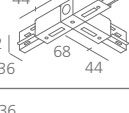
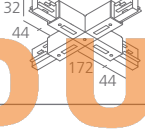
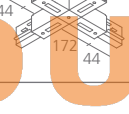
Maximum load: 3600W (max 16A total).  
Load can be distributed over the three circuits at will.  
Fuse: 1x16A.  
Supply cable: min 3x1,5mm<sup>2</sup> - max 3x2,5mm<sup>2</sup>.

PLANNING AID FOR EARTH CONTACTS (TRACK LAYOUT SEEN FROM ABOVE).




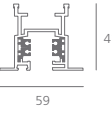


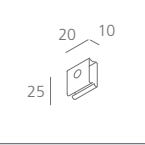
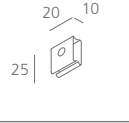
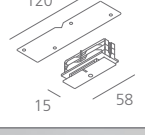
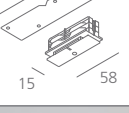

1 3-circuit track standard. 4 T-coupler, earth contact left (L1718.0).  
2 Live end, earth contact left (L1706.0). 5 X-coupler (L1714.0).  
3 L-coupler, earth contact inside (L1711.0). 6 End cap (L1716.0).

## 3-CIRCUIT TRACKS FOR SURFACE MOUNTING

	Track. <b>L1700.0</b> 1000mm, 1,00kg. <b>L1701.0</b> 2000mm, 2,00kg. <b>L1702.0</b> 3000mm, 3,00kg. <b>L1703.0</b> 4000mm, 4,00kg.		<input type="radio"/> white 2 <input type="radio"/> black 3 <input type="radio"/> aluminium 7
	<b>L1716.0</b> End cap.		<input type="radio"/> white 2 <input type="radio"/> black 3 <input type="radio"/> aluminium 7
	<b>L1717.0</b> Pendant clip for steel cables or pendant rod.		<input type="radio"/> white 2 <input type="radio"/> black 3 <input type="radio"/> aluminium 7
	Pendant rod Ø13mm. Can be cut on site. To be used with pendant clip L1717.0 or with pendant coupler (on request). <b>L1704.0</b> 600mm. <b>L1705.0</b> 1200mm.		<input type="radio"/> white 2 <input type="radio"/> black 3 <input type="radio"/> aluminium 7
	Live end. <b>L1706.0</b> Earth contact left. <b>L1707.0</b> Earth contact right.		<input type="radio"/> white 2 <input type="radio"/> black 3 <input type="radio"/> aluminium 7
	<b>L1709.0</b> Electrical straight coupler (recessed).		<input type="radio"/> white 2 <input type="radio"/> black 3 <input type="radio"/> aluminium 7
	<b>L1710.0</b> Electrical linear coupler.		<input type="radio"/> white 2 <input type="radio"/> black 3 <input type="radio"/> aluminium 7
	<b>L1711.0</b> Earth contact inside. <b>L1712.0</b> Earth contact outside.		<input type="radio"/> white 2 <input type="radio"/> black 3 <input type="radio"/> aluminium 7
	<b>L1715.0</b> Electrical flexible coupler.		<input type="radio"/> white 2 <input type="radio"/> black 3
	<b>L1718.0</b> Earth contact left. <b>L1713.0</b> Earth contact right.		<input type="radio"/> white 2 <input type="radio"/> black 3 <input type="radio"/> aluminium 7
	<b>L1714.0</b> Electrical X-coupler.		<input type="radio"/> white 2 <input type="radio"/> black 3 <input type="radio"/> aluminium 7

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## 3-CIRCUIT TRACKS FOR RECESSED MOUNTING



	Track. <b>L172620</b> 2000mm, 2,30kg. <b>L172720</b> 3000mm, 3,50kg. <b>L172820</b> 4000mm, 4,60kg.		<input type="radio"/> white
	<b>L173320</b> End cap.		<input type="radio"/> white
	<b>L173400</b> Profile snap hanger, for tension grip (6 pcs).		
	<b>L173220</b> Electrical and mechanical straight coupler.		<input type="radio"/> white
	<b>L173520</b> Concealed live end recessed. Comes complete with end cap, connector, cable set (300mm), terminal box (h 125mm) and connection blocks. 4,60kg.		<input type="radio"/> white

## 3-CIRCUIT TRACKS ACCESSORIES


	<b>L1720.0</b> Universal track adapter 230/240V-16A.		<input type="radio"/> white 2 <input type="radio"/> black 3
	<b>L1734.0</b> Mechanical universal hook. Maximum load: 10kg.		<input type="radio"/> white 2 <input type="radio"/> black 3

# TAGORA

design S. & R. CORNELISSEN

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# TAGORA



Ø80 x 330MM

MODUL  
ELECTRO



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Ø570 x 190MM


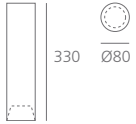











Ø270 x 330MM


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- A RANGE OF CEILING LIGHTS AVAILABLE IN THREE DIAMETER OPTIONS (80MM, 270MM AND 570MM), USING 12V HALOGEN, METAL HALIDE, FLUORESCENT AND 230-240V LED LAMPS.
- ALUMINIUM BODY WITH 3 MIXED COLOUR OPTIONS: BEIGE/WHITE, GREY/WHITE AND BLACK/ORANGE.
- TAGORA 570 COMES WITH AN OPALINE POLYCARBONATE DIFFUSER, ANTI-UV TREATED.
- HIT VERSION INCLUDES PROTECTION GLASS.
- LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS.
- ELECTRONIC CONTROL GEAR, WITH OR WITHOUT DIMMING (DALI-SWITCHDIM), AND EMERGENCY LIGHTING.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

# TAGORA 80


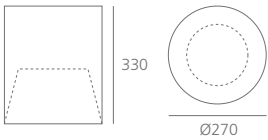











		  IP20 960°  black/orange <b>1</b>  beige/white <b>2</b>  grey/white <b>6</b>											
		 QR-CBC51 (GU5,3)  HIPAR51-CE-P (GX10)  LED (GU10)  max 81mm (overall)	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0182.0*</b></td> <td>QR-CBC51 (GU5,3) 12V 1xmax35W</td> <td>2,80kg</td> </tr> <tr> <td><b>M0183.0</b></td> <td>HIPAR51-CE-P (GX10) 1xmax20W</td> <td>2,80kg</td> </tr> <tr> <td><b>M0189.0</b></td> <td>LED (GU10) 230-240V</td> <td>2,50kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M0182.0*</b>	QR-CBC51 (GU5,3) 12V 1xmax35W	2,80kg	<b>M0183.0</b>	HIPAR51-CE-P (GX10) 1xmax20W	2,80kg	<b>M0189.0</b>
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<b>M0183.0</b>	HIPAR51-CE-P (GX10) 1xmax20W	2,80kg											
<b>M0189.0</b>	LED (GU10) 230-240V	2,50kg											
<p>*Integral electronic transformer, 20-70W, 230-240V/12V. Class II. Dimmable by trailing edge external dimmers.</p>													




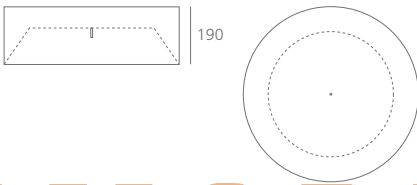


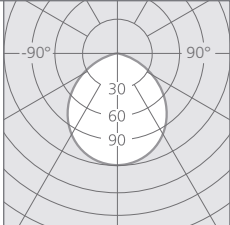



  
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## TAGORA 270

																																		
			<table border="1"> <thead> <tr> <th>TC-DEL (G24q-3)</th> <td></td> </tr> <tr> <td>26W = 1800lm</td> <td></td> </tr> <tr> <th>TC-TEL (GR14q-1)</th> <td></td> </tr> <tr> <td>14W = 1200lm 17W = 1500lm</td> <td></td> </tr> <tr> <th>HIT-CE (G12)</th> <td></td> </tr> <tr> <td>70W = 6600lm</td> <td></td> </tr> </thead></table>	TC-DEL (G24q-3)		26W = 1800lm		TC-TEL (GR14q-1)		14W = 1200lm 17W = 1500lm		HIT-CE (G12)		70W = 6600lm		<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0185.0</b></td> <td>TC-DEL (G24q-3) 2x26W non dimmable</td> <td>4,30kg</td> </tr> <tr> <td><b>M0186.0</b></td> <td>TC-TEL (GR14q-1) 2x14/17W non dimmable</td> <td>4,30kg</td> </tr> <tr> <td><b>M0185.1</b></td> <td>TC-DEL (G24q-3) 2x26W dimmable DALI</td> <td>4,30kg</td> </tr> <tr> <td><b>M0186.1</b></td> <td>TC-TEL (GR14q-1) 2x17W dimmable DALI</td> <td>4,30kg</td> </tr> <tr> <td><b>M0187.0</b></td> <td>HIT-CE (G12) 1x70W medium</td> <td>4,30kg</td> </tr> <tr> <td><b>M0188.0</b></td> <td>HIT-CE (G12) 1x70W flood</td> <td>4,30kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M0185.0</b>	TC-DEL (G24q-3) 2x26W non dimmable	4,30kg	<b>M0186.0</b>	TC-TEL (GR14q-1) 2x14/17W non dimmable	4,30kg	<b>M0185.1</b>	TC-DEL (G24q-3) 2x26W dimmable DALI	4,30kg	<b>M0186.1</b>	TC-TEL (GR14q-1) 2x17W dimmable DALI	4,30kg	<b>M0187.0</b>	HIT-CE (G12) 1x70W medium	4,30kg
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## TAGORA 570

																	
			<table border="1"> <thead> <tr> <th>TC-FEL (2G10)</th> <td></td> </tr> <tr> <td>36W = 2800lm</td> <td></td> </tr> </thead> </table>	TC-FEL (2G10)			36W = 2800lm		<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0181.0</b></td> <td>TC-FEL (2G10) 4x36W non dimmable</td> <td>6,00kg</td> </tr> <tr> <td><b>M0181.7</b></td> <td>TC-FEL (2G10) 4x36W non dimmable + emergency 1h</td> <td>6,80kg</td> </tr> <tr> <td><b>M0181.1</b></td> <td>TC-FEL (2G10) 4x36W dimmable DALI</td> <td>6,00kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M0181.0</b>	TC-FEL (2G10) 4x36W non dimmable	6,00kg	<b>M0181.7</b>	TC-FEL (2G10) 4x36W non dimmable + emergency 1h
TC-FEL (2G10)																	
36W = 2800lm																	
CODE	LIGHT SOURCE	WEIGHT															
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<b>M0181.7</b>	TC-FEL (2G10) 4x36W non dimmable + emergency 1h	6,80kg															
<b>M0181.1</b>	TC-FEL (2G10) 4x36W dimmable DALI	6,00kg															

## TAGORA ACCESSORIES

<b>INTERACTIVE-DALI TECHNOLOGY</b>	INTERACTIVE-DALI components: see page 6.
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# NOTHING CEILING

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# NOTHING CEILING


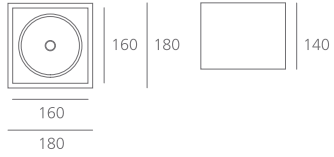





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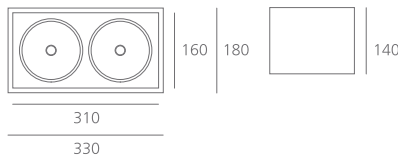



- A RANGE OF CEILING LIGHTS USING QR111 12V HALOGEN AND HIR111 METAL HALIDE LAMPS.
- 4 MODELS: SQUARE WITH 1 LAMP AND RECTANGULAR WITH 2, 3 OR 4 LAMPS.
- EXTRUDED ALUMINIUM BODY WITH A WHITE PAINT FINISH.
- EACH SPOTLIGHT MAY BE ADJUSTED INDIVIDUALLY WITH A TILT ANGLE OF UP TO 40° AND ROTATION OF UP 355°.
- ELECTRONIC CONTROL GEAR.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.


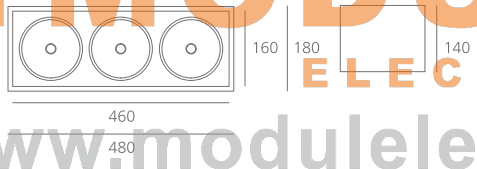






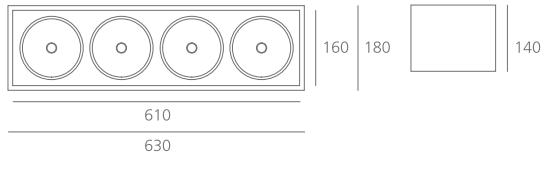



## NOTHING CEILING SQUARE

		  	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>
			<b>M180020*</b> QR111 (G53) 12V 1xmax75W      2,20kg


## NOTHING CEILING RECTANGULAR

		  	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>
			<b>M180220*</b> QR111 (G53) 12V 2xmax75W      3,40kg <b>M181120*</b> QR111 (G53) 12V 1xmax75W + HIR111-CE-P (GX8,5) 1xmax35W      3,40kg

		  	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>
			<b>M180420*</b> QR111 (G53) 12V 3xmax75W      4,60kg <b>M180620*</b> QR111 (G53) 12V 2xmax75W + HIR111-CE-P (GX8,5) 1xmax35W      4,60kg <b>M180720*</b> QR111 (G53) 12V 1xmax75W + HIR111-CE-P (GX8,5) 2xmax35W      4,60kg


		  	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>
			<b>M180820*</b> QR111 (G53) 12V 4xmax75W      5,80kg <b>M181020*</b> QR111 (G53) 12V 2xmax75W + HIR111-CE-P (GX8,5) 2xmax35W      5,80kg

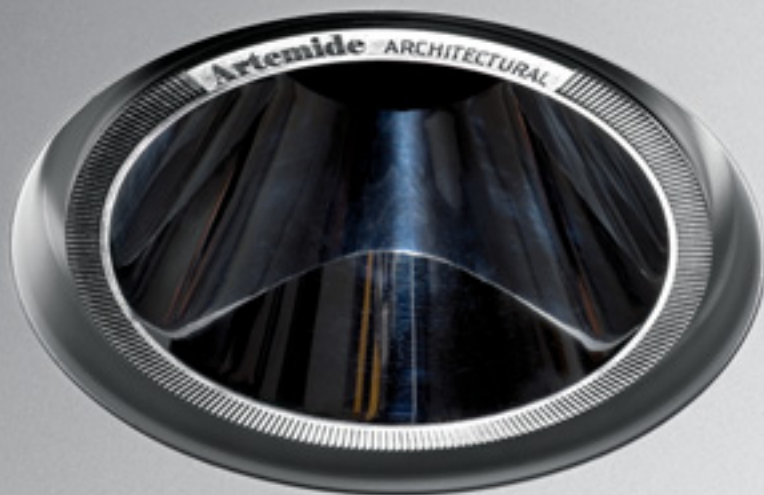
\*Integral electronic transformer 230-240V/12V. Class II. Dimmable by trailing edge external dimmer.

  
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# NOTHING

design ERNESTO GISMONDI

  
ELECTRO  
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# NOTHING RECESSED

- CREATED WITH THE PURPOSE OF MAKING THE LIGHTING FIXTURE DISAPPEAR COMPLETELY INTO THE FALSE CEILING AS TO SOLELY DRAW ATTENTION TO THE LIGHTING EFFECTS, **NOTHING** IS A COMPLETE RANGE OF RECESSED LUMINAIRES, WHOSE INSTALLATION REQUIRES A FINISH COAT OF PLASTER.
- RECESSING FRAME IS MADE OF ALUMINIUM.
- REMOTE CONTROL GEAR.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

## NOTHING RECESSED ROUND

- A RANGE OF FIXED AND ADJUSTABLE DOWNLIGHTS USING 12V HALOGEN AND METAL HALIDE LAMPS.
- 2 DIAMETER OPTIONS: Ø105 AND Ø155MM.
- TILT ANGLE OF UP TO 32°.
- OPTIONAL RING IN INJECTION MOULDED PLASTIC WITH WHITE FINISH FOR AN INSTALLATION WITHOUT PLASTER FINISH COAT. FITTING BY ONE QUARTER TURN ROTATION.

## NOTHING RECESSED SQUARE/RECTANGULAR

- ADJUSTABLE DOWNLIGHTS USING QR111 12V HALOGEN AND HIR111 METAL HALIDE LAMPS.
- 5 MODELS: SQUARE WITH 1 AND 4 LAMPS, RECTANGULAR WITH 2, 3 AND 4 LAMPS.
- EACH SPOTLIGHT MAY BE ADJUSTED INDIVIDUALLY WITH A TILT ANGLE RANGING FROM -20° TO +70°, AND ROTATION OF UP TO 355°.



## NOTHING RECESSED 86

- FIXED DOWNLIGHTS USING 12V DICHROIC HALOGEN AND 230-240V LED LAMPS.
- BODY IS MADE FROM STEEL, LAMPHOLDING RING FROM ALUMINIUM.
- 2 LIGHTING OPTIONS: DOWNLIGHTING (VERTICAL) AND WALL WASHER LIGHTING (30°).

## NOTHING RECESSED WALL WASHER

- SINGLE LUMINAIRES USING 24W, 39W OR 54W T16 FLUORESCENT LAMPS.
- ASYMMETRIC ALUMINIUM OPTIC.
- INTEGRAL ELECTRONIC CONTROL GEAR.

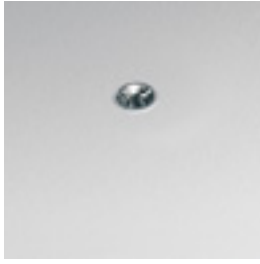
## NOTHING RECESSED LINEAR SYSTEM SEE PAGE 82.

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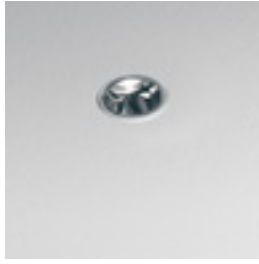




## NOTHING RECESSED ROUND



Ø105 FIX AND ADJUSTABLE  
QR-CBC51 (GU5,3)  
HIPAR51-CE-P (GX10)



Ø155 ADJUSTABLE  
QR111 (G53)  
HIR111-CE-P (GX8,5)  
HIT-TC-CE (G8,5)  
HIT-CE (G12)

## NOTHING RECESSED SQUARE/RECTANGULAR



SQUARE 1 LAMP  
QR111 (G53)  
HIR111-CE-P (GX8,5)



RECTANGULAR 2 LAMPS  
QR111 (G53)  
HIR111-CE-P (GX8,5)



RECTANGULAR 3 LAMPS  
QR111 (G53)  
HIR111-CE-P (GX8,5)



RECTANGULAR 4 LAMPS  
QR111 (G53)  
HIR111-CE-P (GX8,5)



SQUARE 4 LAMPS  
QR111 (G53)  
HIR111-CE-P (GX8,5)

## NOTHING RECESSED 86



DOWNLIGHT  
QR-CBC51 (GU5,3)  
LED (GU10)



WALL WASHER  
QR-CBC51 (GU5,3)  
LED (GU10)

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## NOTHING RECESSED WALL WASHER



WALL WASHER  
T16 (G5)

## NOTHING RECESSED LINEAR SYSTEM



MULTISPOT  
QR-CBC51 (GU5,3)  
HIPAR51-CE-P (GX10)



DARK LIGHT  
T16 (G5)


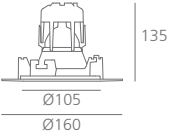












DIFFUSER  
T16 (G5)


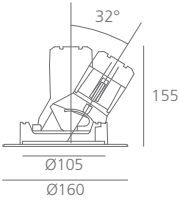













WALL WASHER  
T16 (G5)

## NOTHING RECESSED ROUND Ø105 FIX

			 Ø134												
				QR-CBC51 (GU5,3)  HIPAR51-CE-P (GX10) 											
<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M062620</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> <td></td> <td>0,40kg</td> </tr> <tr> <td><b>M062720</b></td> <td>HIPAR51-CE-P (GX10) max35W</td> <td></td> <td>0,40kg</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M062620</b>	QR-CBC51 (GU5,3) 12V max50W		0,40kg	<b>M062720</b>	HIPAR51-CE-P (GX10) max35W		0,40kg		
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<b>M062720</b>	HIPAR51-CE-P (GX10) max35W		0,40kg												

## NOTHING RECESSED ROUND Ø105 ADJUSTABLE

			 Ø134 												
				QR-CBC51 (GU5,3)  HIPAR51-CE-P (GX10) 											
<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M064020</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> <td></td> <td>0,40kg</td> </tr> <tr> <td><b>M064120</b></td> <td>HIPAR51-CE-P (GX10) max35W</td> <td></td> <td>0,40kg</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M064020</b>	QR-CBC51 (GU5,3) 12V max50W		0,40kg	<b>M064120</b>	HIPAR51-CE-P (GX10) max35W		0,40kg		
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<b>M064120</b>	HIPAR51-CE-P (GX10) max35W		0,40kg												

**MODULO**

## NOTHING RECESSED ROUND Ø105 ACCESSORIES

	<b>M064900</b> Ring in injection moulded plastic. Ø165mm. White finish.
	Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers. <b>M070211</b> 10-60W. 123x32x23mm. <b>M070412</b> 35-105W. 102x51x30mm.
	<b>M070032</b> Electronic ballast 230-240V. Class I. For HIPAR51-CE-P (GX10) 1x35W. 132x64x37mm.

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VERTICAL POSITION


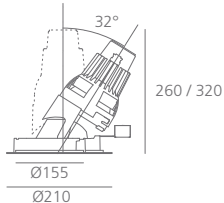














MAXIMUM TILT







- 1 INTERNAL BODY IN DIE-CAST ALUMINIUM FOR OPTIMUM HEAT DISSIPATION.
- 2 ALUMINIUM REFLECTOR.
- 3 FILTER-HOLDER.
- 4 LOW LUMINANCE SECONDARY REFLECTOR.
- 5 RECESSING RING IN DIE-CAST ALUMINIUM.

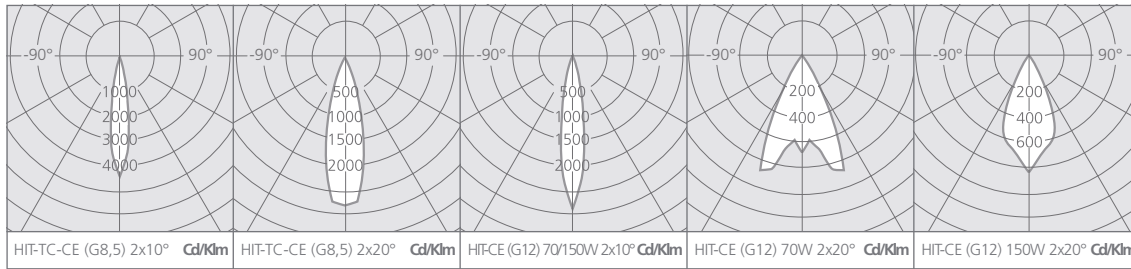
# NOTHING RECESSED ROUND Ø155 ADJUSTABLE

			
			 IP20  960°  0.3
QR111 (G53) HIR111-CE-P (G8,5) HIT-TC-CE (G8,5) 20W = 1700lm 35W = 3400lm 70W = 6600lm HIT-CE (G12) 70W = 6600lm 150W = 14000lm	<b>CODE</b> <b>LIGHT SOURCE</b> <b>CLASS</b> <b>WEIGHT</b>		
	<b>M064420</b> QR111 (G53) 12V max100W		1,20kg
	<b>M064720</b> HIR111-CE-P (G8,5) 35/70W		1,20kg
	<b>M064620</b> HIT-TC-CE (G8,5) 20/35/70W 2x10°		1,30kg
	<b>M063220</b> HIT-TC-CE (G8,5) 20/35/70W 2x20°		1,30kg
	<b>M063520</b> HIT-CE (G12) 70W 2x10°		1,30kg
	<b>M063620</b> HIT-CE (G12) 70W 2x20°		1,30kg
	<b>M064820</b> HIT-CE (G12) 150W 2x10°		1,30kg
	<b>M063320</b> HIT-CE (G12) 150W 2x20°		1,30kg

# NOTHING RECESSED ROUND Ø155 ACCESSORIES

	<b>M065000</b> Ring in injection moulded plastic. Ø215mm. White finish.		<b>M070211</b> 10-60W. 123x32x23mm. <b>M070412</b> 35-105W. 102x51x30mm.	Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.
	<b>M080085</b> UV filter. For NOTHING Ø155mm HIT series.		<b>M070322</b> For HIT 1x35W. 155x83x32mm. <b>M070522</b> For HIT 1x70W. 150x80x35mm. <b>M070622</b> For HIT 1x150W. 150x90x40mm.	Electronic ballast 230-240V. Class I.


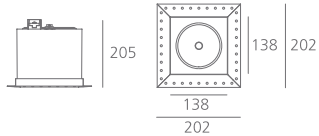
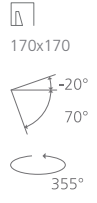








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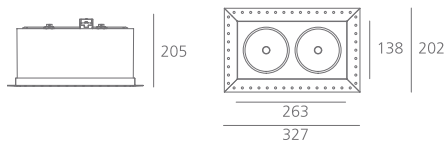











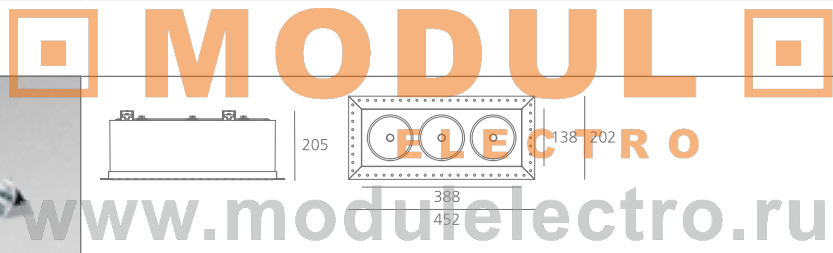
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1	0,30	7055	3444	1	0,50	4684	2144	1	0,30	13694	6686	1	0,50	9093	4163	1	0,30	27389	13373
2	0,59	1764	861	2	1,00	1171	536	2	0,59	3424	1672	2	1,00	2273	1041	2	0,59	6847	3343
3	0,89	784	383	3	1,50	520	238	3	0,89	1522	743	3	1,50	1010	463	3	0,89	3043	1486
4	1,18	441	215	4	1,99	293	134	4	1,18	856	418	4	1,99	568	260	4	1,18	1712	836
5	1,48	282	138	5	2,49	187	86	5	1,48	548	267	5	2,49	364	167	5	1,48	1096	535
HIT-TC-CE (G8,5) 20W 2x10°				HIT-TC-CE (G8,5) 20W 2x20°				HIT-TC-CE (G8,5) 35W 2x10°				HIT-TC-CE (G8,5) 35W 2x20°				HIT-TC-CE (G8,5) 70W 2x10°			



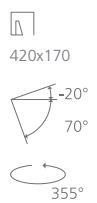














H m	Ø m	Emax lux	EM lux	H m	Ø m	Emax lux	EM lux	H m	Ø m	Emax lux	EM lux	H m	Ø m	Emax lux	EM lux	H m	Ø m	Emax lux	EM lux
1	0,50	18186	8326	1	0,30	19057	9271	1	1,00	4454	2014	1	0,30	40424	19665	1	0,85	12183	4749
2	1,00	4546	2081	2	0,60	4764	2318	2	1,99	1113	503	2	0,60	10106	4916	2	1,71	3046	1187
3	1,50	2021	925	3	0,91	2117	1030	3	2,99	495	224	3	0,91	4492	2185	3	2,56	1354	528
4	1,99	1137	520	4	1,21	1191	579	4	3,99	278	126	4	1,21	2526	1229	4	3,41	761	297
5	2,49	727	333	5	1,51	762	371	5	4,99	178	81	5	1,51	1617	787	5	4,27	487	190
HIT-TC-CE (G8,5) 70W 2x20°				HIT-CE (G12) 70W 2x10°				HIT-CE (G12) 70W 2x20°				HIT-CE (G12) 150W 2x10°				HIT-CE (G12) 150W 2x20°			


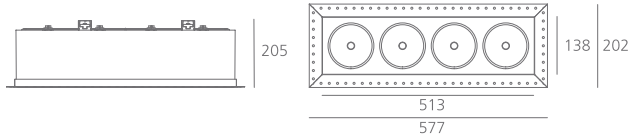
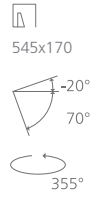








# NOTHING RECESSED SQUARE/RECTANGULAR

			 IP20 960° 												
				<p>QR111 (G53)</p> <p>HIR111-CE-P (GX8,5)</p>											
<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M069025</b></td> <td>QR111 (G53) 12V 1xmax100W</td> <td></td> <td>0,90kg</td> </tr> <tr> <td><b>M069055</b></td> <td>HIR111-CE-P (GX8,5) 1xmax70W</td> <td></td> <td>0,90kg</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M069025</b>	QR111 (G53) 12V 1xmax100W		0,90kg	<b>M069055</b>	HIR111-CE-P (GX8,5) 1xmax70W		0,90kg		
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<b>M069025</b>	QR111 (G53) 12V 1xmax100W		0,90kg												
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CODE	LIGHT SOURCE	CLASS	WEIGHT												
<b>M069125</b>	QR111 (G53) 12V 2xmax100W		1,60kg												
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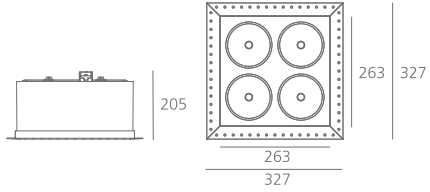
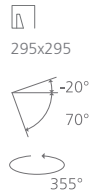









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CODE	LIGHT SOURCE	CLASS	WEIGHT												
<b>M069325</b>	QR111 (G53) 12V 4xmax100W		2,70kg												
<b>M069355</b>	HIR111-CE-P (GX8,5) 4xmax70W		2,70kg												



## NOTHING RECESSED SQUARE

			 IP20 960° 									
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CODE	LIGHT SOURCE	CLASS	WEIGHT									
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<b>M069455</b>	HIR111-CE-P (GX8,5) 4xmax70W		2,70kg									

## NOTHING RECESSED SQUARE/RECTANGULAR CONTROL GEARS

	<p>Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.</p> <p><b>M070211</b> 10-60W. 123x32x23mm.</p> <p><b>M070412</b> 35-105W. 102x51x30mm.</p> <p><b>M072111</b> 35-150W. 190x38x34mm.</p>		<p>Electronic ballast 230-240V. Class I.</p> <p><b>M070322</b> For HIT 1x35W. 155x83x32mm.</p> <p><b>M070422</b> For HIT 2x35W. 180x80x34mm.</p> <p><b>M070522</b> For HIT 1x70W. 150x80x35mm.</p>
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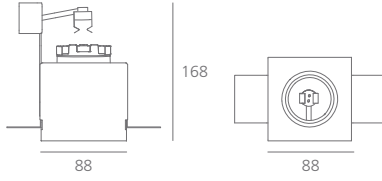








WATT 13 HOTEL, MILAN (I), CHIARA CABERLON - CABERLON CAROPPI HOTEL DESIGN.

randstad


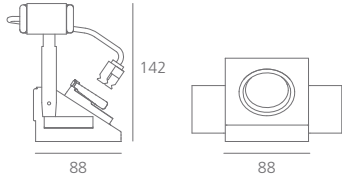








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## NOTHING RECESSED 86 DOWNLIGHT


		 90x90	IP20 960° ○ white										
				QR-CBC51 (GU5,3)  LED (GU10) 	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M139000</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> <td></td> <td>0,40kg</td> </tr> <tr> <td><b>M137800</b></td> <td>LED (GU10) 230-240V</td> <td></td> <td>0,55kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M139000</b>	QR-CBC51 (GU5,3) 12V max50W		0,40kg
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<b>M137800</b>	LED (GU10) 230-240V		0,55kg										

## NOTHING RECESSED 86 WALL WASHER


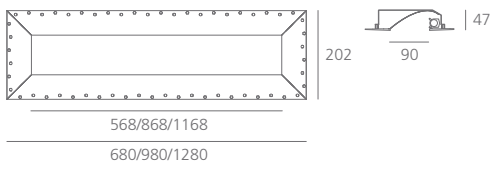
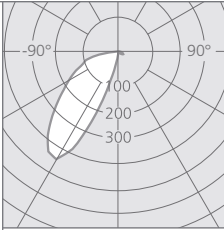

		 90x90	IP20 960° ○ white										
				QR-CBC51 (GU5,3)  LED (GU10) 	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M139200</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> <td></td> <td>0,50kg</td> </tr> <tr> <td><b>M137900</b></td> <td>LED (GU10) 230-240V</td> <td></td> <td>0,65kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M139200</b>	QR-CBC51 (GU5,3) 12V max50W		0,50kg
CODE	LIGHT SOURCE	CLASS	WEIGHT										
<b>M139200</b>	QR-CBC51 (GU5,3) 12V max50W		0,50kg										
<b>M137900</b>	LED (GU10) 230-240V		0,65kg										

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## NOTHING RECESSED 86 CONTROL GEAR

	<b>M070211</b> Electronic transformer 10-60W, 230-240V/12V. 123x32x32mm. Class II. Dimmable by trailing or leading edge external dimmers.
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## NOTHING RECESSED WALL WASHER

			IP20 960° 	T16 (G5) <b>Cd/Klm</b>																				
					<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M067920</b></td> <td>T16 (G5) 1x24W non dimmable</td> <td>568mm</td> <td>2,20kg</td> </tr> <tr> <td><b>M068120</b></td> <td>T16 (G5) 1x39W non dimmable</td> <td>868mm</td> <td>3,00kg</td> </tr> <tr> <td><b>M068520</b></td> <td>T16 (G5) 1x54W non dimmable</td> <td>1168mm</td> <td>3,80kg</td> </tr> <tr> <td><b>M068220</b></td> <td>T16 (G5) 1x39W dimmable DALI</td> <td>868mm</td> <td>3,00kg</td> </tr> <tr> <td><b>M068620</b></td> <td>T16 (G5) 1x54W dimmable DALI</td> <td>1168mm</td> <td>3,80kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>M067920</b>	T16 (G5) 1x24W non dimmable	568mm	2,20kg	<b>M068120</b>	T16 (G5) 1x39W non dimmable	868mm	3,00kg	<b>M068520</b>	T16 (G5) 1x54W non dimmable	1168mm	3,80kg	<b>M068220</b>	T16 (G5) 1x39W dimmable DALI	868mm
CODE	LIGHT SOURCE	LENGTH	WEIGHT																					
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<b>M068120</b>	T16 (G5) 1x39W non dimmable	868mm	3,00kg																					
<b>M068520</b>	T16 (G5) 1x54W non dimmable	1168mm	3,80kg																					
<b>M068220</b>	T16 (G5) 1x39W dimmable DALI	868mm	3,00kg																					
<b>M068620</b>	T16 (G5) 1x54W dimmable DALI	1168mm	3,80kg																					





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# NOTHING RECESSED LINEAR SYSTEM



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- MODULAR SYSTEM TO BE INSTALLED IN A CONTINUOUS LINE OR AS SINGLE LUMINAIRES.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARD.


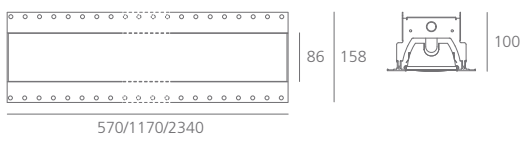
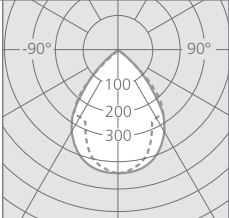

**NOTHING RECESSED LINEAR SYSTEM FLUORESCENT**  
• 3 EMISSION TYPES: DARK LIGHT (WITH OPTIC MADE OF SUPER PURE ALUMINIUM,) DIFFUSING (WITH OPALINE POLYCARBONATE DIFFUSER) AND WALL WASHER (WITH ALUMINIUM ASYMMETRIC REFLECTOR).  
• 3 LENGTH OPTIONS: 570MM (1x24W T16), 1170MM (1x54W T16) AND 2200 OR 2340MM (2x54W T16).

- DARK LIGHT EMISSION IS IN COMPLIANCE WITH EN 12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000 CD/M<sup>2</sup> LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS. LIGHT OUTPUT RATIO: 64%.
- DIFFUSING VERSION IS DESIGNED WITH MOVABLE LAMP HOLDERS ENABLING THE OVERLAPPING OF LAMPS AS TO GUARANTEE UNIFORM DIFFUSION WITHOUT SHADOWS.
- ELECTRONIC BALLAST OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST.
- END CAPS TO BE ORDERED SEPARATELY.


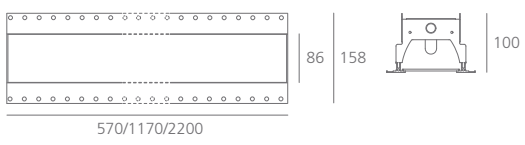
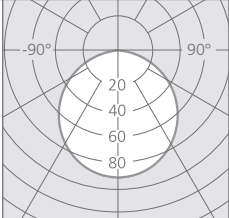

**NOTHING RECESSED LINEAR SYSTEM MULTISPOT**  
• SPOTLIGHTING SYSTEM CONSISTING OF A RECESSED STRUCTURE AVAILABLE IN 2 SIZE OPTIONS, AND LIGHTING MODULES WITH 3 INTEGRAL SPOTLIGHTS USING 12V HALOGEN AND METAL-HALIDE LAMPS.  
• EACH SPOTLIGHT MAY BE ADJUSTED BY UP TO 30° IN ALL DIRECTIONS.  
• COMBINATION WITH NOTHING LINEAR SYSTEM DIFFUSER AND DARK LIGHT VERSIONS POSSIBLE BY MEANS OF AN INTERMEDIATE CONNECTOR TO BE ORDERED SEPARATELY.  
• REMOTE CONTROL GEAR.




## NOTHING RECESSED LINEAR SYSTEM DARK LIGHT

				T16 (G5)	Cd/Klm																													
				T16-HO/FQ (G5) 24W = 1750lm 54W = 4450lm																														
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CODE	LIGHT SOURCE	LENGTH	WEIGHT																															
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<b>M171600</b>	T16 (G5) 1x54W non dimmable	1170mm	4,20kg																															
<b>M171700</b>	T16 (G5) 2x54W non dimmable	2340mm	8,40kg																															
<b>M171607</b>	T16 (G5) 1x54W non dimmable + emergency 1h	1170mm	4,80kg																															
<b>M171501</b>	T16 (G5) 1x24W dimmable DALI	570mm	2,40kg																															
<b>M171601</b>	T16 (G5) 1x54W dimmable DALI	1170mm	4,20kg																															
<b>M171701</b>	T16 (G5) 2x54W dimmable DALI	2340mm	8,40kg																															

## NOTHING RECESSED LINEAR SYSTEM DIFFUSER

				T16 (G5)	Cd/Klm																													
				T16-HO/FQ (G5) 24W = 1750lm 54W = 4450lm																														
	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M171800</b></td> <td>T16 (G5) 1x24W non dimmable</td> <td>570mm</td> <td>2,40kg</td> </tr> <tr> <td><b>M171900</b></td> <td>T16 (G5) 1x54W non dimmable</td> <td>1170mm</td> <td>4,20kg</td> </tr> <tr> <td><b>M172000</b></td> <td>T16 (G5) 2x54W non dimmable</td> <td>2200mm</td> <td>8,20kg</td> </tr> <tr> <td><b>M171907</b></td> <td>T16 (G5) 1x54W non dimmable + emergency 1h</td> <td>1170mm</td> <td>4,80kg</td> </tr> <tr> <td><b>M171801</b></td> <td>T16 (G5) 1x24W dimmable DALI</td> <td>570mm</td> <td>2,40kg</td> </tr> <tr> <td><b>M171901</b></td> <td>T16 (G5) 1x54W dimmable DALI</td> <td>1170mm</td> <td>4,20kg</td> </tr> <tr> <td><b>M172001</b></td> <td>T16 (G5) 2x54W dimmable DALI</td> <td>2200mm</td> <td>8,20kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>M171800</b>	T16 (G5) 1x24W non dimmable	570mm	2,40kg	<b>M171900</b>	T16 (G5) 1x54W non dimmable	1170mm	4,20kg	<b>M172000</b>	T16 (G5) 2x54W non dimmable	2200mm	8,20kg	<b>M171907</b>	T16 (G5) 1x54W non dimmable + emergency 1h	1170mm	4,80kg	<b>M171801</b>	T16 (G5) 1x24W dimmable DALI	570mm	2,40kg	<b>M171901</b>	T16 (G5) 1x54W dimmable DALI	1170mm	4,20kg	<b>M172001</b>	T16 (G5) 2x54W dimmable DALI	2200mm	8,20kg	
CODE	LIGHT SOURCE	LENGTH	WEIGHT																															
<b>M171800</b>	T16 (G5) 1x24W non dimmable	570mm	2,40kg																															
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<b>M172000</b>	T16 (G5) 2x54W non dimmable	2200mm	8,20kg																															
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<b>M171901</b>	T16 (G5) 1x54W dimmable DALI	1170mm	4,20kg																															
<b>M172001</b>	T16 (G5) 2x54W dimmable DALI	2200mm	8,20kg																															

## NOTHING RECESSED LINEAR SYSTEM ACCESSORIES

	<b>M172400</b> End caps (set of 2). For DARK LIGHT and DIFFUSER versions.
<b>INTERACTIVE-DALI TECHNOLOGY</b>	<b>INTERACTIVE-DALI</b> components: see page 6.



HQ'S SARAS, MILAN (I), GENIUS LOCI ARCHITETTURA + PFM.

# NOTHING RECESSED LINEAR SYSTEM WALL WASHER

570/1170/2340

86 180 90

150x(ΣL+10mm)

-90° 90°  
100  
200  
300

T16-HO/FQ  
24W = 1750lm  
54W = 4450lm

⊕ ⚡ IP20 960°

T16 (G5) **Cd/Klm**

CODE	LIGHT SOURCE	LENGTH	WEIGHT
<b>M172100</b>	T16 (G5) 1x24W non dimmable	570mm	2,20kg
<b>M172200</b>	T16 (G5) 1x54W non dimmable	1170mm	3,80kg
<b>M172300</b>	T16 (G5) 2x54W non dimmable	2340mm	7,20kg
<b>M172101</b>	T16 (G5) 1x24W dimmable DALI	570mm	2,20kg
<b>M172201</b>	T16 (G5) 1x54W dimmable DALI	1170mm	3,80kg
<b>M172301</b>	T16 (G5) 2x54W dimmable DALI	2340mm	7,20kg

# NOTHING RECESSED LINEAR SYSTEM WALL WASHER ACCESSORIES

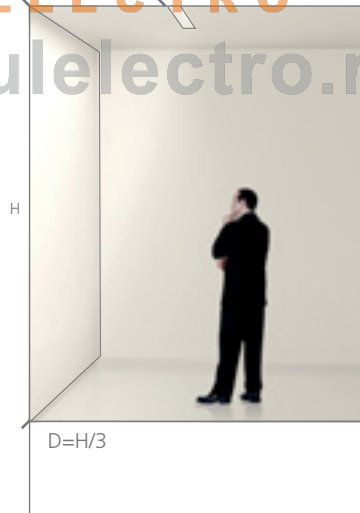
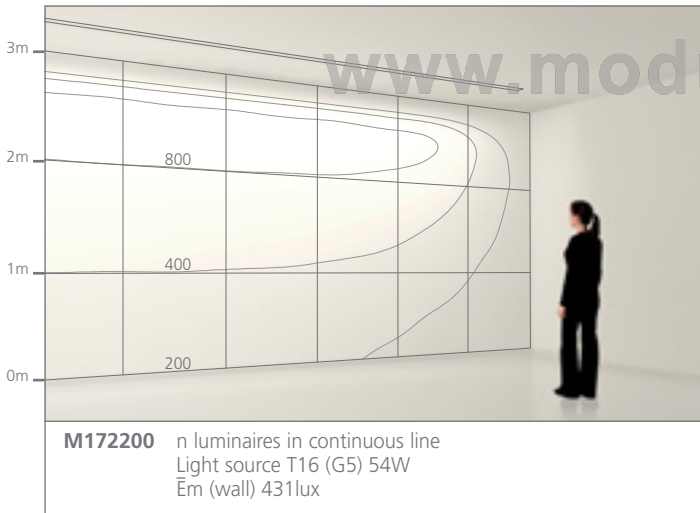
**M172500** End caps (set of 2).  
For WALL WASHER version.

# NOTHING RECESSED LINEAR SYSTEM WALL WASHER ISOLUX

Calculation parameters for issuing isolux curve diagrams 54W (n luminaires in continuous line): Length x height 10,00x3,00m. Reflectance factors ceiling/walls/floor 70/50/20%. Distance from wall to illuminate 1,00m. Distance from side wall 1,00m. Maintenance factor 0,90WF.

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## NOTHING RECESSED LINEAR SYSTEM MULTISPOT RECESSED STRUCTURE

			 120x(ΣL+10mm)											
	IP20 960°													
	<table border="1"> <thead> <tr> <th>CODE</th> <th>VERSION</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M182700</b></td> <td>For 1 lighting module</td> <td>360mm</td> <td>2,50kg</td> </tr> <tr> <td><b>M182800</b></td> <td>For 3 lighting modules</td> <td>1075mm</td> <td>4,20kg</td> </tr> </tbody> </table>	CODE	VERSION	LENGTH	WEIGHT	<b>M182700</b>	For 1 lighting module	360mm	2,50kg	<b>M182800</b>	For 3 lighting modules	1075mm	4,20kg	
CODE	VERSION	LENGTH	WEIGHT											
<b>M182700</b>	For 1 lighting module	360mm	2,50kg											
<b>M182800</b>	For 3 lighting modules	1075mm	4,20kg											

## NOTHING RECESSED LINEAR SYSTEM MULTISPOT LIGHTING MODULE

	● black																					
QR-CBC51 (GU5,3) HIPAR51-CE-P (GX10)	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M182210</b></td> <td>QR-CBC51 (GU5,3) 12V 3xmax50W</td> <td></td> <td>0,90kg</td> </tr> <tr> <td><b>M182510</b></td> <td>HIPAR51-CE-P (GX10) 3xmax35W</td> <td></td> <td>0,90kg</td> </tr> <tr> <td><b>M182310</b></td> <td>QR-CBC51 (GU5,3) 12V 2xmax50W + HIPAR51-CE-P (GX10) 1xmax35W</td> <td></td> <td>0,90kg</td> </tr> <tr> <td><b>M182410</b></td> <td>QR-CBC51 (GU5,3) 12V 1xmax50W + HIPAR51-CE-P (GX10) 2xmax35W</td> <td></td> <td>0,90kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M182210</b>	QR-CBC51 (GU5,3) 12V 3xmax50W		0,90kg	<b>M182510</b>	HIPAR51-CE-P (GX10) 3xmax35W		0,90kg	<b>M182310</b>	QR-CBC51 (GU5,3) 12V 2xmax50W + HIPAR51-CE-P (GX10) 1xmax35W		0,90kg	<b>M182410</b>	QR-CBC51 (GU5,3) 12V 1xmax50W + HIPAR51-CE-P (GX10) 2xmax35W		0,90kg	
CODE	LIGHT SOURCE	CLASS	WEIGHT																			
<b>M182210</b>	QR-CBC51 (GU5,3) 12V 3xmax50W		0,90kg																			
<b>M182510</b>	HIPAR51-CE-P (GX10) 3xmax35W		0,90kg																			
<b>M182310</b>	QR-CBC51 (GU5,3) 12V 2xmax50W + HIPAR51-CE-P (GX10) 1xmax35W		0,90kg																			
<b>M182410</b>	QR-CBC51 (GU5,3) 12V 1xmax50W + HIPAR51-CE-P (GX10) 2xmax35W		0,90kg																			

## NOTHING RECESSED LINEAR SYSTEM MULTISPOT ACCESSORIES


	<b>M183260</b> Cover (blind panel) 356mm. ● black		Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge dimmers. <b>M070211</b> 10-60W. 123x32x23mm. <b>M070412</b> 35-105W. 102x51x30mm. <b>M072111</b> 35-150W. 189x38x34mm.
	<b>M182900</b> End terminal (set of 2). ● grey		Electronic ballast 230-240V. Class I. <b>M070322</b> HIT 1x35W. 155x83x32mm. <b>M070422</b> HIT 2x35W. 180x80x34mm.
	<b>M183160</b> Intermediate connector for combining NOTHING RECESSED LINEAR SYSTEM MULTISPOT with NOTHING RECESSED LINEAR SYSTEM DARK LIGHT or DIFFUSER.		



## NOTHING RECESSED LINEAR SYSTEM COMBINATION

M182900 M182800 M182x10 M183260 M182x10 M182700 M182x10 M183160 M171900* M172400*

\*see page 83

**JAVA**

The logo for MODUL ELECTRO features the word "MODUL" in a large, bold, orange sans-serif font, flanked by two orange squares. Below "MODUL" is the word "ELECTRO" in a smaller, orange, spaced-out sans-serif font. Underneath the logo is the website address "www.modulelectro.ru" in a light gray sans-serif font.  
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# JAVA



## MODUL

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#### JAVA 158

- A RANGE OF ADJUSTABLE DOWNLIGHTS USING 12V DICHROIC HALOGEN, HIPAR51 METAL HALIDE AND 230-240V LED LAMPS.
- EACH SPOTLIGHT MAY BE ADJUSTED BY UP TO 30° IN ALL DIRECTIONS.
- REMOTE CONTROL GEAR.

#### JAVA 180

- A RANGE OF ADJUSTABLE DOWNLIGHTS USING 12V QR111 HALOGEN AND HIR111 METAL HALIDE LAMPS.
- TILT ANGLE RANGES FROM -20° TO +70°.
- ROTATION OF UP TO 355°.
- REMOTE CONTROL GEAR.

#### JAVA 208

- A RANGE OF ADJUSTABLE DOWNLIGHTS USING HIT G12 LAMPS.
- TILT ANGLE OF UP TO 40°. ROTATION OF UP TO 355°.
- INCLUDES PROTECTIVE GLASS.
- REMOTE CONTROL GEAR.

#### JAVA WALL WASHER

- FIXED LUMINAIRE WITH WALL WASHER LIGHTING USING 24W T16 FLUORESCENT LAMPS.
- ASYMMETRIC ALUMINIUM REFLECTOR.
- ELECTRONIC CONTROL GEAR.

#### JAVA II

- A RANGE OF FIXED DOWNLIGHTS USING 12V DICHROIC HALOGEN, HIPAR51 METAL HALIDE AND 230-240V LED LAMPS.
- 2 LIGHTING OPTIONS AVAILABLE: DOWNLIGHTING (VERTICAL) AND WALL WASHER LIGHTING (30°).
- STEEL FRAME AND SPRINGS ALLOWS AN INSTALLATION IN NEARLY ALL CEILING TYPES.
- REMOTE CONTROL GEAR.

#### JAVA LINEAR SYSTEM FLUORESCENT

- MODULAR SYSTEM FOR T16 FLUORESCENT LAMPS, TO BE INSTALLED IN A CONTINUOUS LINE OR AS SINGLE LUMINAIRES.
- 3 LIGHTING OPTIONS: DARK LIGHT EMISSION (WITH OPTIC MADE OF SUPER PURE ALUMINIUM) DIFFUSING (WITH OPALINE POLYCARBONATE DIFFUSER), AND WALL WASHER (WITH ALUMINIUM ASYMMETRICAL REFLECTOR).
- DARK LIGHT EMISSION IS IN COMPLIANCE WITH EN12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000 CD/M<sup>2</sup> LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS. LIGHT OUTPUT RATIO: 64%.
- DIFFUSING VERSION IS DESIGNED WITH MOVABLE LAMPHOLDERS ENABLING THE OVERLAPPING OF LAMPS AS TO GUARANTEE UNIFORM DIFFUSION WITHOUT SHADOWS.

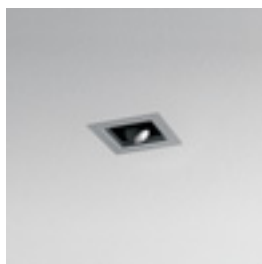
- ELECTRONIC BALLAST WITH OR WITHOUT DIMMING.
- END CAPS TO BE ORDERED SEPARATELY.

#### JAVA LINEAR SYSTEM MULTISPOT

- SPOTLIGHTING SYSTEM CONSISTING OF A RECESSED STRUCTURE AVAILABLE IN 2 SIZE OPTIONS, AND LIGHTING MODULES WITH 3 INTEGRAL SPOTLIGHTS USING 12V HALOGEN AND METAL HALIDE LAMPS.
- EACH SPOTLIGHT MAY BE ADJUSTED BY UP TO 30° IN ALL DIRECTIONS.
- COMBINATION WITH JAVA LINEAR SYSTEM DIFFUSER AND DARK LIGHT VERSIONS POSSIBLE BY MEANS OF AN INTERMEDIATE CONNECTOR TO BE ORDERED SEPARATELY.
- REMOTE CONTROL GEAR.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.



## JAVA 158



SQUARE 1 LAMP  
QR-CBC51 (GU5,3)  
HIPAR51-CE-P (GX10)  
LED (GU10)



RECTANGULAR 2 LAMPS  
QR-CBC51 (GU5,3)  
HIPAR51-CE-P (GX10)  
LED (GU10)



RECTANGULAR 3 LAMPS  
QR-CBC51 (GU5,3)  
HIPAR51-CE-P (GX10)  
LED (GU10)



RECTANGULAR 4 LAMPS  
QR-CBC51 (GU5,3)  
HIPAR51-CE-P (GX10)  
LED (GU10)



SQUARE 4 LAMPS  
QR-CBC51 (GU5,3)  
HIPAR51-CE-P (GX10)  
LED (GU10)

## JAVA 180



SQUARE 1 LAMP  
QR111 (G53)  
HIR111-CE-P (GX8,5)



RECTANGULAR 2 LAMPS  
QR111 (G53)  
HIR111-CE-P (GX8,5)



RECTANGULAR 3 LAMPS  
QR111 (G53)  
HIR111-CE-P (GX8,5)



RECTANGULAR 4 LAMPS  
QR111 (G53)  
HIR111-CE-P (GX8,5)



SQUARE 4 LAMPS  
QR111 (G53)  
HIR111-CE-P (GX8,5)

## JAVA 208

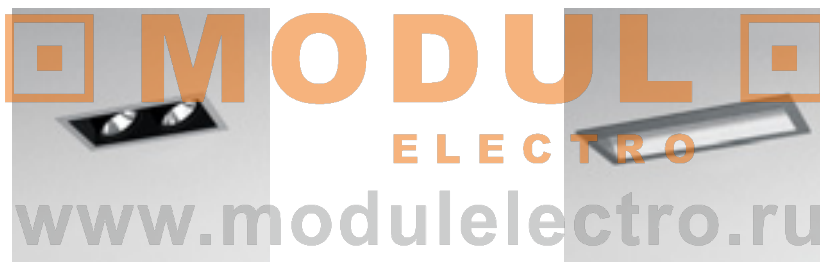


SQUARE LAMP  
HIT-CE (G12)



RECTANGULAR 2 LAMPS  
HIT-CE (G12)

## JAVA WALL WASHER



T16 (G5)

## JAVA LINEAR SYSTEM



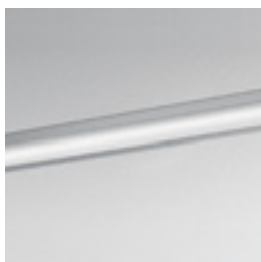
MULTISPOT  
QR-CBC51 (GU5,3)  
HIPAR51-CE-P (GX10)



DARK LIGHT  
T16 (G5)



DIFFUSER  
T16 (G5)



WALL WASHER  
T16 (G5)

## JAVA II




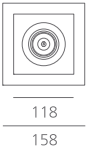
DOWNLIGHT  
QR-CBC51 (GU5,3)  
HIPAR51-CE-P (GX10)  
LED (GU10)



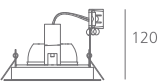
WALL WASHER  
QR-CBC51 (GU5,3)  
HIPAR51-CE-P (GX10)  
LED (GU10)

# JAVA 158






118  
158




120

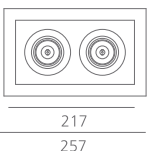


138x138  
30°  
355°

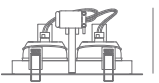
IP20 960° ● grey

		CODE	LIGHT SOURCE	CLASS	WEIGHT
QR-CBC51 (GU5,3)		<b>M048215</b>	QR-CBC51 (GU5,3) 12V 1xmax50W		0,60kg
HIPAR51-CE-P (GX10)		<b>M048275</b>	HIPAR51-CE-P (GX10) 1xmax35W		0,60kg
LED		<b>M043115</b>	LED (GU10) 230-240V		0,60kg






217  
257




120

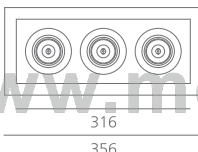


237x138  
30°  
355°


IP20 960° ● grey

		CODE	LIGHT SOURCE	CLASS	WEIGHT
QR-CBC51 (GU5,3)		<b>M048315</b>	QR-CBC51 (GU5,3) 12V 2xmax50W		0,90kg
HIPAR51-CE-P (GX10)		<b>M048375</b>	HIPAR51-CE-P (GX10) 2xmax35W		0,90kg
LED		<b>M043215</b>	LED (GU10) 230-240V		0,90kg






316  
356




120

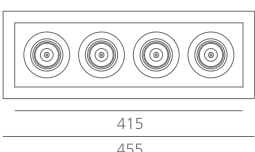


336x138  
30°  
355°

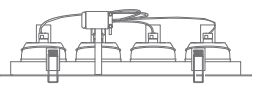
IP20 960° ● grey

		CODE	LIGHT SOURCE	CLASS	WEIGHT
QR-CBC51 (GU5,3)		<b>M048415</b>	QR-CBC51 (GU5,3) 12V 3xmax50W		1,30kg
HIPAR51-CE-P (GX10)		<b>M048475</b>	HIPAR51-CE-P (GX10) 3xmax35W		1,30kg
LED (GU10)		<b>M043315</b>	LED (GU10) 230-240V		1,30kg






415  
455



120



435x138  
30°  
355°

IP20 960° ● grey


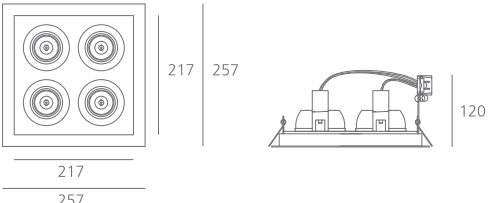














		CODE	LIGHT SOURCE	CLASS	WEIGHT
QR-CBC51 (GU5,3)		<b>M048515</b>	QR-CBC51 (GU5,3) 12V 4xmax50W		1,60kg
HIPAR51-CE-P (GX10)		<b>M048575</b>	HIPAR51-CE-P (GX10) 4xmax35W		1,60kg
LED (GU10)		<b>M043415</b>	LED (GU10) 230-240V		1,60kg

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## JAVA 158

																		
			 IP20 960° ● grey															
QR-CBC51 (GU5,3)  HIPAR51-CE-P (GX10)  LED (GU10) 	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M048615</b></td> <td>QR-CBC51 (GU5,3) 12V 4xmax50W</td> <td></td> <td>1,60kg</td> </tr> <tr> <td><b>M048675</b></td> <td>HIPAR51-CE-P (GX10) 4xmax35W</td> <td></td> <td>1,60kg</td> </tr> <tr> <td><b>M043515</b></td> <td>LED (GU10) 230-240V</td> <td></td> <td>1,60kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M048615</b>	QR-CBC51 (GU5,3) 12V 4xmax50W		1,60kg	<b>M048675</b>	HIPAR51-CE-P (GX10) 4xmax35W		1,60kg	<b>M043515</b>	LED (GU10) 230-240V		1,60kg	
CODE	LIGHT SOURCE	CLASS	WEIGHT															
<b>M048615</b>	QR-CBC51 (GU5,3) 12V 4xmax50W		1,60kg															
<b>M048675</b>	HIPAR51-CE-P (GX10) 4xmax35W		1,60kg															
<b>M043515</b>	LED (GU10) 230-240V		1,60kg															

## JAVA 158 CONTROL GEARS

	Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.		Electronic ballast 230-240V. Class I.
	<b>M070211</b> 10-60W. 123x32x23mm.		<b>M070322</b> HIT 1x35W. 155x83x32mm.
	<b>M070412</b> 35-105W. 102x51x30mm.		<b>M070422</b> HIT 2x35W. 180x80x34mm.
<b>M072111</b> 35-150W. 190x38x34mm.			

# MODUL



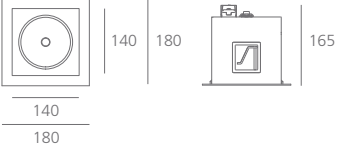
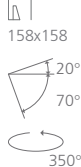






## ELECTRO



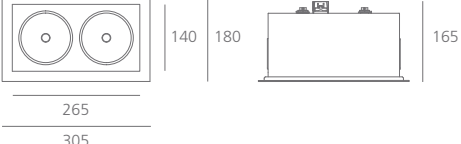
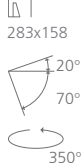






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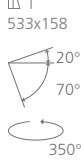






DEVRED, PARIS (F), DESGRIPPES GOBE/GIZARD.

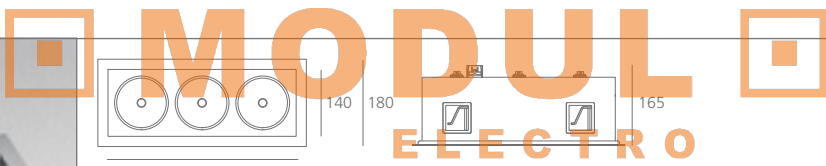
# JAVA 180

				IP20 960°  ● grey								
					<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M049265</b></td> <td>QR111 (G53) 12V 1xmax100W</td> <td></td> <td>1,20kg</td> </tr> <tr> <td><b>M049255</b></td> <td>HIR111-CE-P (GX8,5) 1xmax70W</td> <td></td> <td>1,20kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M049265</b>	QR111 (G53) 12V 1xmax100W	
CODE	LIGHT SOURCE	CLASS	WEIGHT									
<b>M049265</b>	QR111 (G53) 12V 1xmax100W		1,20kg									
<b>M049255</b>	HIR111-CE-P (GX8,5) 1xmax70W		1,20kg									

				IP20 960°  ● grey								
					<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M049365</b></td> <td>QR111 (G53) 12V 2xmax100W</td> <td></td> <td>1,90kg</td> </tr> <tr> <td><b>M049355</b></td> <td>HIR111-CE-P (GX8,5) 2xmax70W</td> <td></td> <td>1,90kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M049365</b>	QR111 (G53) 12V 2xmax100W	
CODE	LIGHT SOURCE	CLASS	WEIGHT									
<b>M049365</b>	QR111 (G53) 12V 2xmax100W		1,90kg									
<b>M049355</b>	HIR111-CE-P (GX8,5) 2xmax70W		1,90kg									


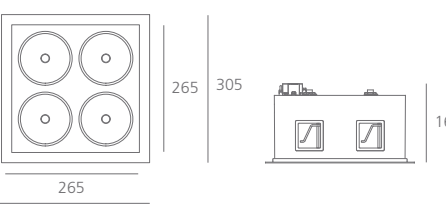










				IP20 960°  ● grey																
					<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M049465</b></td> <td>QR111 (G53) 12V 3xmax100W</td> <td></td> <td>2,50kg</td> </tr> <tr> <td><b>M049455</b></td> <td>HIR111-CE-P (GX8,5) 3xmax70W</td> <td></td> <td>2,50kg</td> </tr> <tr> <td><b>M049865</b></td> <td>QR111 (G53) 12V 2xmax100W + HIR111-CE-P (GX8,5) 1xmax70W</td> <td></td> <td>2,50kg</td> </tr> <tr> <td><b>M049965</b></td> <td>QR111 (G53) 12V 1xmax100W + HIR111-CE-P (GX8,5) 2xmax70W</td> <td></td> <td>2,50kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M049465</b>	QR111 (G53) 12V 3xmax100W		2,50kg	<b>M049455</b>	HIR111-CE-P (GX8,5) 3xmax70W		2,50kg	<b>M049865</b>	QR111 (G53) 12V 2xmax100W + HIR111-CE-P (GX8,5) 1xmax70W	
CODE	LIGHT SOURCE	CLASS	WEIGHT																	
<b>M049465</b>	QR111 (G53) 12V 3xmax100W		2,50kg																	
<b>M049455</b>	HIR111-CE-P (GX8,5) 3xmax70W		2,50kg																	
<b>M049865</b>	QR111 (G53) 12V 2xmax100W + HIR111-CE-P (GX8,5) 1xmax70W		2,50kg																	
<b>M049965</b>	QR111 (G53) 12V 1xmax100W + HIR111-CE-P (GX8,5) 2xmax70W		2,50kg																	

				IP20 960°  ● grey								
					<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M049565</b></td> <td>QR111 (G53) 12V 4xmax100W</td> <td></td> <td>3,20kg</td> </tr> <tr> <td><b>M049555</b></td> <td>HIR111-CE-P (GX8,5) 4xmax70W</td> <td></td> <td>3,20kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M049565</b>	QR111 (G53) 12V 4xmax100W	
CODE	LIGHT SOURCE	CLASS	WEIGHT									
<b>M049565</b>	QR111 (G53) 12V 4xmax100W		3,20kg									
<b>M049555</b>	HIR111-CE-P (GX8,5) 4xmax70W		3,20kg									



  
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## JAVA 180

														
			283x283 IP20 960°  grey											
QR111 (G53)  HIR111-CE-P (GX8,5) 	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M049665</b></td> <td>QR111 (G53) 12V 4xmax100W</td> <td></td> <td>2,90kg</td> </tr> <tr> <td><b>M049655</b></td> <td>HIR111-CE-P (GX8,5) 4xmax70W</td> <td></td> <td>2,90kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M049665</b>	QR111 (G53) 12V 4xmax100W		2,90kg	<b>M049655</b>	HIR111-CE-P (GX8,5) 4xmax70W		2,90kg	
CODE	LIGHT SOURCE	CLASS	WEIGHT											
<b>M049665</b>	QR111 (G53) 12V 4xmax100W		2,90kg											
<b>M049655</b>	HIR111-CE-P (GX8,5) 4xmax70W		2,90kg											

## JAVA 180 CONTROL GEARS

	Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.
	<b>M070211</b> 10-60W. 123x32x23mm.
	<b>M070412</b> 35-105W. 102x51x30mm.
	<b>M072111</b> 35-150W. 190x38x34mm.

	Electronic ballast 230-240V. Class I.
	<b>M070322</b> HIT 1x35W. 155x83x32mm.
	<b>M070422</b> HIT 2x35W. 180x80x34mm.
	<b>M070522</b> HIT 1x70W. 150x80x35mm.



AUDI, GLASGOW (GB), SDA ARCHITECTS.

# JAVA 208

IP20 960° ● grey

		CODE	LIGHT SOURCE	WEIGHT
HIT-CE (G12) 35W = 3300lm 70W = 6600lm 150W = 14000lm		<b>M183305</b>	HIT-CE (G12) 1xmax150W 2x10°	1,80kg
		<b>M183405</b>	HIT-CE (G12) 1xmax150W 2x20°	1,80kg
		<b>M183505</b>	HIT-CE (G12) 1xmax150W 2x30°	1,80kg

IP20 960° ● grey

		CODE	LIGHT SOURCE	WEIGHT
HIT-CE (G12) 35W = 3300lm 70W = 6600lm 150W = 14000lm		<b>M183605</b>	HIT-CE (G12) 2xmax150W 2x10°	2,40kg
		<b>M183705</b>	HIT-CE (G12) 2xmax150W 2x20°	2,40kg
		<b>M183805</b>	HIT-CE (G12) 2xmax150W 2x30°	2,40kg

MODULO

ELECTRO

## JAVA 208 CONTROL GEARS

Electronic ballast 230-240V, Class I.

**M070322** For HIT 1x35W. 155x83x32mm.

**M070422** For HIT 2x35W. 180x80x34mm.

**M070522** For HIT 1x70W. 150x80x35mm.

**M070622** For HIT 1x150W. 150x90x40mm.

H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux
1	0,48	6552	3016	1	0,86	2964	1441	1	1,32	1693	553	1	0,48	13105	6032	1	0,86	5927	2883	1	1,32	3386	1107
2	0,97	1638	754	2	1,72	741	360	2	2,65	423	138	2	0,97	3276	1508	2	1,72	1482	721	2	2,65	846	277
3	1,45	728	335	3	2,58	329	160	3	3,97	188	61	3	1,45	1456	670	3	2,58	659	320	3	3,97	376	123
4	1,94	410	188	4	3,45	185	90	4	5,30	106	35	4	1,94	819	377	4	3,45	370	180	4	5,30	212	69
5	2,42	262	121	5	4,31	119	58	5	6,62	68	22	5	2,42	524	241	5	4,31	237	115	5	6,62	135	44
35W spread of beam 2x10°				35W spread of beam 2x20°				35W spread of beam 2x30°				70W spread of beam 2x10°				70W spread of beam 2x20°				70W spread of beam 2x30°			

H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	-90° 90°			-90° 90°			-90° 90°		
1	0,48	27798	12795	1	0,86	12573	6115	1	1,32	7182	2348	800 1200 1600			200 400 600 800			100 200 300 400		
2	0,97	6950	3199	2	1,72	3143	1529	2	2,65	1796	587									
3	1,45	3089	1422	3	2,58	1397	679	3	3,97	798	261									
4	1,94	1737	800	4	3,45	786	382	4	5,30	449	147									
5	2,42	1112	512	5	4,31	503	245	5	6,62	287	94									
150W spread of beam 2x10°				150W spread of beam 2x20°				150W spread of beam 2x30°				HIT-CE (G12) 2x10° Cd/Klm			HIT-CE (G12) 2x20° Cd/Klm			HIT-CE (G12) 2x30° Cd/Klm		

 **BIALETTI**



 **MODUL**

**ELECTRO**


[www.modulelectro.ru](http://www.modulelectro.ru)



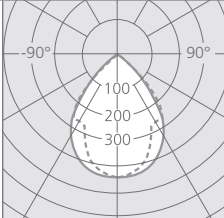
## JAVA LINEAR SYSTEM DARK LIGHT


570/1170/2340



120x(ΣL+10mm)





T16 (G5) **Cd/Klm**


⊕ ⚡ IP20 960°  ● grey

T16-HO/FQ (G5) 24W = 1750lm 54W = 4450lm	CODE	LIGHT SOURCE	LENGTH	WEIGHT
	<b>M170000</b>	T16 (G5) 1x24W non dimmable	570mm	2,40kg
	<b>M170100</b>	T16 (G5) 1x54W non dimmable	1170mm	4,20kg
	<b>M170200</b>	T16 (G5) 2x54W non dimmable	2340mm	8,40kg
	<b>M170107</b>	T16 (G5) 1x54W non dimmable + emergency 1h	1170mm	4,80kg
	<b>M170001</b>	T16 (G5) 1x24W dimmable DALI	570mm	2,40kg
	<b>M170101</b>	T16 (G5) 1x54W dimmable DALI	1170mm	4,20kg
	<b>M170201</b>	T16 (G5) 2x54W dimmable DALI	2340mm	8,40kg

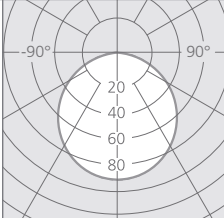
## JAVA LINEAR SYSTEM DIFFUSER


570/1170/2200



120x(ΣL+10mm)



T16 (G5) **Cd/Klm**

⊕ ⚡ IP20 960°  ● grey

**MODUL**

**ELECTRO**

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T16-HO/FQ (G5) 24W = 1750lm 54W = 4450lm	CODE	LIGHT SOURCE	LENGTH	WEIGHT
	<b>M170300</b>	T16 (G5) 1x24W non dimmable	570mm	2,40kg
	<b>M170400</b>	T16 (G5) 1x54W non dimmable	1170mm	4,20kg
	<b>M170500</b>	T16 (G5) 2x54W non dimmable	2200mm	8,20kg
	<b>M170407</b>	T16 (G5) 1x54W non dimmable + emergency 1h	1170mm	4,80kg
	<b>M170301</b>	T16 (G5) 1x24W dimmable DALI	570mm	2,40kg
	<b>M170401</b>	T16 (G5) 1x54W dimmable DALI	1170mm	4,20kg
	<b>M170501</b>	T16 (G5) 2x54W dimmable DALI	2200mm	8,20kg

## JAVA LINEAR SYSTEM ACCESSORIES



**M170900** End caps (set of 2). 31mm.  
For DARK LIGHT and DIFFUSER versions.


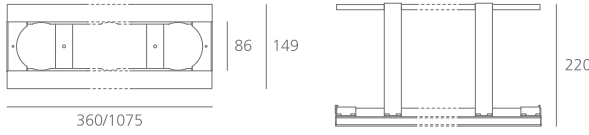

● grey

**INTERACTIVE-DALI TECHNOLOGY**


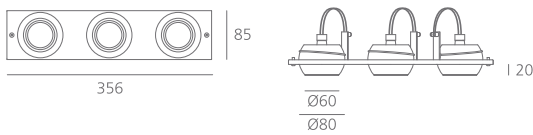















**INTERACTIVE-DALI components:**  
see page 6.




## JAVA LINEAR SYSTEM MULTISPOT RECESSED STRUCTURE

															
	IP20 960° ● grey														
<table border="1"> <thead> <tr> <th>CODE</th> <th>VERSION</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M182060</b></td> <td>For 1 lighting module</td> <td>360mm</td> <td>2,50kg</td> </tr> <tr> <td><b>M182160</b></td> <td>For 3 lighting modules</td> <td>1075mm</td> <td>4,20kg</td> </tr> </tbody> </table>		CODE	VERSION	LENGTH	WEIGHT	<b>M182060</b>	For 1 lighting module	360mm	2,50kg	<b>M182160</b>	For 3 lighting modules	1075mm	4,20kg		
CODE	VERSION	LENGTH	WEIGHT												
<b>M182060</b>	For 1 lighting module	360mm	2,50kg												
<b>M182160</b>	For 3 lighting modules	1075mm	4,20kg												

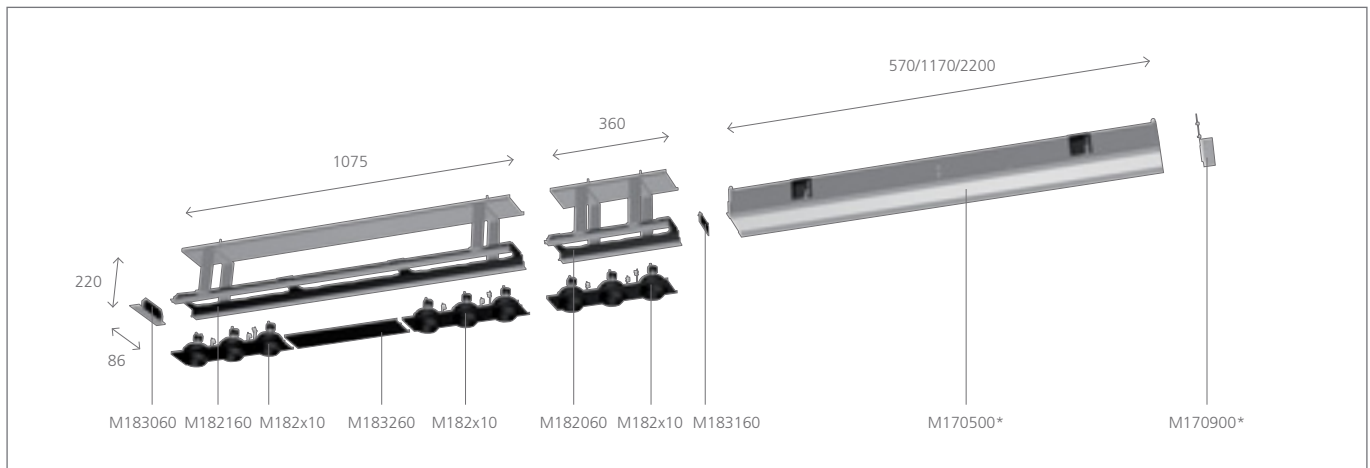
## JAVA LINEAR SYSTEM MULTISPOT LIGHTING MODULE

																								
	● black																							
QR-CBC51 (GU5,3)  HIPAR51-CE-P (GX10) 	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M182210</b></td> <td>QR-CBC51 (GU5,3) 12V 3xmax50W</td> <td></td> <td>0,90kg</td> </tr> <tr> <td><b>M182510</b></td> <td>HIPAR51-CE-P (GX10) 3xmax35W</td> <td></td> <td>0,90kg</td> </tr> <tr> <td><b>M182310</b></td> <td>QR-CBC51 (GU5,3) 12V 2xmax50W + HIPAR51-CE-P (GX10) 1xmax35W</td> <td></td> <td>0,90kg</td> </tr> <tr> <td><b>M182410</b></td> <td>QR-CBC51 (GU5,3) 12V 1xmax50W + HIPAR51-CE-P (GX10) 2xmax35W</td> <td></td> <td>0,90kg</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M182210</b>	QR-CBC51 (GU5,3) 12V 3xmax50W		0,90kg	<b>M182510</b>	HIPAR51-CE-P (GX10) 3xmax35W		0,90kg	<b>M182310</b>	QR-CBC51 (GU5,3) 12V 2xmax50W + HIPAR51-CE-P (GX10) 1xmax35W		0,90kg	<b>M182410</b>	QR-CBC51 (GU5,3) 12V 1xmax50W + HIPAR51-CE-P (GX10) 2xmax35W		0,90kg		
CODE	LIGHT SOURCE	CLASS	WEIGHT																					
<b>M182210</b>	QR-CBC51 (GU5,3) 12V 3xmax50W		0,90kg																					
<b>M182510</b>	HIPAR51-CE-P (GX10) 3xmax35W		0,90kg																					
<b>M182310</b>	QR-CBC51 (GU5,3) 12V 2xmax50W + HIPAR51-CE-P (GX10) 1xmax35W		0,90kg																					
<b>M182410</b>	QR-CBC51 (GU5,3) 12V 1xmax50W + HIPAR51-CE-P (GX10) 2xmax35W		0,90kg																					

## JAVA LINEAR SYSTEM MULTISPOT ACCESSORIES


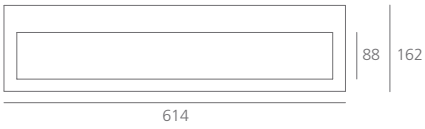
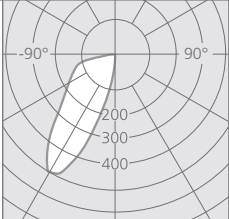
	<b>M183260</b> Cover (blind panel) 356mm. ● black		Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers. <b>M070211</b> 10-60W. 132x32x23mm. <b>M070412</b> 35-105W. 102x51x30mm. <b>M072111</b> 35-150W. 189x38x34mm.
	<b>M183060</b> End terminal (set of 2). ● grey		
	<b>M183160</b> Intermediate connector for combining JAVA LINEAR SYSTEM MULTISPOT and JAVA LINEAR SYSTEM DARK LIGHT or DIFFUSER.		Electronic ballast 230-240V. Class I. <b>M070322</b> HIT 1x35W. 155x83x32mm. <b>M070422</b> HIT 2x35W. 180x80x34mm.

## JAVA LINEAR SYSTEM COMBINATION




\*see page 96

## JAVA WALL WASHER

614 | 88 | 162 | 604x140


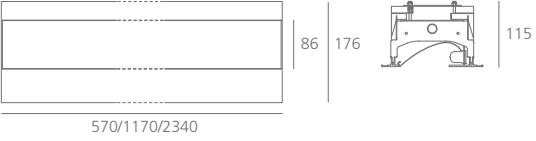
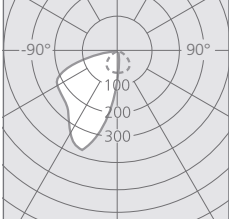
⊕ ⚡ IP20 960°  ● grey

T16 (G5) **Cd/Klm**


CODE	LIGHT SOURCE	WEIGHT
<b>M049700</b>	T16 (G5) 1x24W	2,30kg

T16-HO/FQ (G5)  
24W = 1750lm

## JAVA LINEAR SYSTEM WALL WASHER

570/1170/2340 | 86 | 176 | 115 | 150x(L+10mm)


⊕ ⚡ IP20 960°  ● grey

T16 (G5) **Cd/Klm**

CODE	LIGHT SOURCE	LENGTH	WEIGHT
<b>M170600</b>	T16 (G5) 1x24W non dimmable	570mm	2,20kg
<b>M170700</b>	T16 (G5) 1x54W non dimmable	1170mm	3,80kg
<b>M170800</b>	T16 (G5) 2x54W non dimmable	2340mm	7,20kg
<b>M170601</b>	T16 (G5) 1x24W dimmable DALI	570mm	2,20kg
<b>M170701</b>	T16 (G5) 1x54W dimmable DALI	1170mm	3,80kg
<b>M170801</b>	T16 (G5) 2x54W dimmable DALI	2340mm	7,20kg

T16-HO/FQ (G5)  
24W = 1750lm  
54W = 4450lm

## JAVA LINEAR SYSTEM WALL WASHER ACCESSORIES

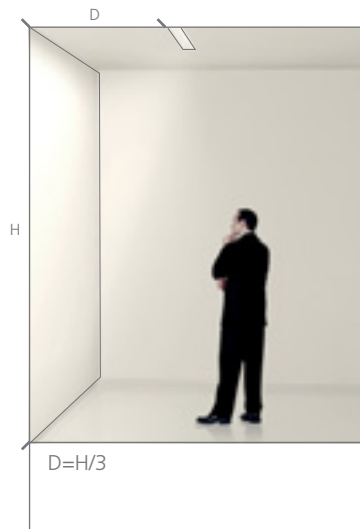
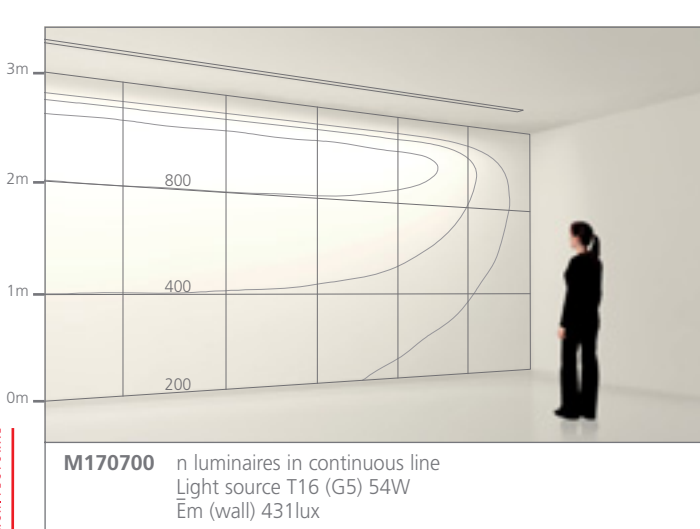


**M171000** End caps (set of 2). 31mm.  
For WALL WASHER version.


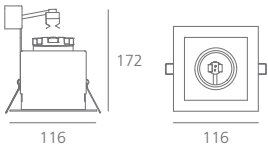













● grey

## JAVA LINEAR SYSTEM WALL WASHER ISOLUX


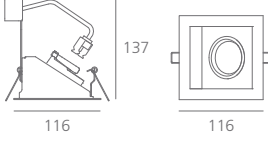













Calculation parameters for issuing isolux curve diagrams 54W (n luminaires in continuous line): Length x height 10,00x3,00m. Reflectance factors ceiling/walls/floor 70/50/20%. Distance from wall to illuminate 1,00m. Distance from side wall 1,00m. Maintenance factor 0,90WF.



## JAVA II DOWNLIGHT

		 106x106																
			IP20 960° ○ white															
QR-CBC51 (GU5,3)  HIPAR51-CE-P (GX10)  LED (GU10) 	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M139420</b></td> <td>QR-CBC51 (GU5,3) 12V 1xmax50W</td> <td></td> <td>0,45kg</td> </tr> <tr> <td><b>M139520</b></td> <td>HIPAR51-CE-P (GX10) 1xmax35W</td> <td></td> <td>0,45kg</td> </tr> <tr> <td><b>M138820</b></td> <td>LED (GU10) 230-240V</td> <td></td> <td>0,60kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M139420</b>	QR-CBC51 (GU5,3) 12V 1xmax50W		0,45kg	<b>M139520</b>	HIPAR51-CE-P (GX10) 1xmax35W		0,45kg	<b>M138820</b>	LED (GU10) 230-240V		0,60kg	
CODE	LIGHT SOURCE	CLASS	WEIGHT															
<b>M139420</b>	QR-CBC51 (GU5,3) 12V 1xmax50W		0,45kg															
<b>M139520</b>	HIPAR51-CE-P (GX10) 1xmax35W		0,45kg															
<b>M138820</b>	LED (GU10) 230-240V		0,60kg															

## JAVA II WALL WASHER

		 106x106																
			IP20 960° ○ white															
QR-CBC51 (GU5,3)  HIPAR51-CE-P (GX10)  LED (GU10) 	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M139720</b></td> <td>QR-CBC51 (GU5,3) 12V 1xmax50W</td> <td></td> <td>0,55kg</td> </tr> <tr> <td><b>M139820</b></td> <td>HIPAR51-CE-P (GX10) 1xmax35W</td> <td></td> <td>0,55kg</td> </tr> <tr> <td><b>M138920</b></td> <td>LED (GU10) 230-240V</td> <td></td> <td>0,70kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M139720</b>	QR-CBC51 (GU5,3) 12V 1xmax50W		0,55kg	<b>M139820</b>	HIPAR51-CE-P (GX10) 1xmax35W		0,55kg	<b>M138920</b>	LED (GU10) 230-240V		0,70kg	
CODE	LIGHT SOURCE	CLASS	WEIGHT															
<b>M139720</b>	QR-CBC51 (GU5,3) 12V 1xmax50W		0,55kg															
<b>M139820</b>	HIPAR51-CE-P (GX10) 1xmax35W		0,55kg															
<b>M138920</b>	LED (GU10) 230-240V		0,70kg															

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## JAVA II CONTROL GEARS



	<b>M070211</b> Electronic transformer 10-60W, 230-240V/12V. 123x32x32mm. Class II. Dimmable by trailing or leading edge external dimmers.		<b>M070322</b> Electronic ballast 230-240V. Class I. For HIT 1x35W. 155x83x32mm.
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THE HOSPITAL GROUP, LEEDS (GB).

# ANDROMEDA

design ERNESTO GISMONTI

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# ANDROMEDA



- A RANGE OF MULTISOURCE LUMINAIRES COMBINING DIFFUSED LIGHTING VIA T16 AND T16-R FLUORESCENT LAMPS AND ACCENT LIGHTING VIA 1, 2, 3 OR 4 ADJUSTABLE SPOTLIGHTS USING 12V HALOGEN AND METAL-HALIDE LAMPS.
- 3 OPTIONS AVAILABLE: RECESSED, CEILING, OR PENDANT WITH DIRECT LIGHTING.
- EXTRUDED ALUMINIUM BODY WITH GREY PAINT FINISH. POLYCARBONATE DIFFUSER. DIE-CAST ALUMINIUM SPOTLIGHTS IN STEEL BOXES WITH A BLACK PAINT FINISH.
- EACH SPOT CAN BE DIRECTED INDIVIDUALLY: TILT ANGLE RANGING FROM -10° TO +70°, ROTATION OF UP TO 355°.
- THE RECESSED VERSION CAN BE INSTALLED INTO PLASTERBOARD FALSE CEILINGS, USING THE RECESSING FRAME PROVIDED, AND INTO FALSE CEILINGS SYSTEMS WITH 600x600MM AND 625x625MM MODULES.
- INTEGRAL ELECTRONIC CONTROL GEAR.
- INTEGRAL ELECTRONIC TRANSFORMER FOR THE HALOGEN ACCENT LIGHTING, DIMMABLE BY TRAILING EDGE EXTERNAL DIMMERS.
- 2 SEPARATE SWITCH CIRCUITS FOR THE INDEPENDENT CONTROL OF THE DIFFUSED AND ACCENT LIGHTING FUNCTIONS.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

## ANDROMEDA RECESSED



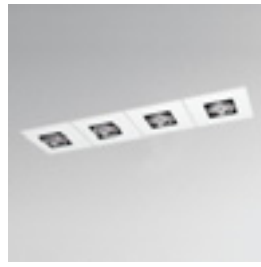
300x300



300x600



300x900



300x1200



600x600

## ANDROMEDA CEILING



300x300



300x600



300x900



300x1200



600x600

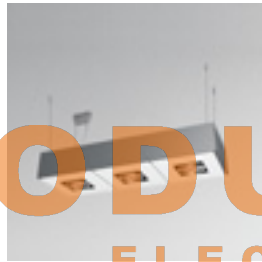
## ANDROMEDA SUSPENSION DIRECT EMISSION



300x300



300x600



300x900



300x1200



600x600

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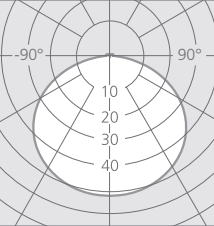





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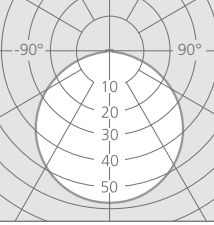





Wellness



## ANDROMEDA RECESSED 300x300

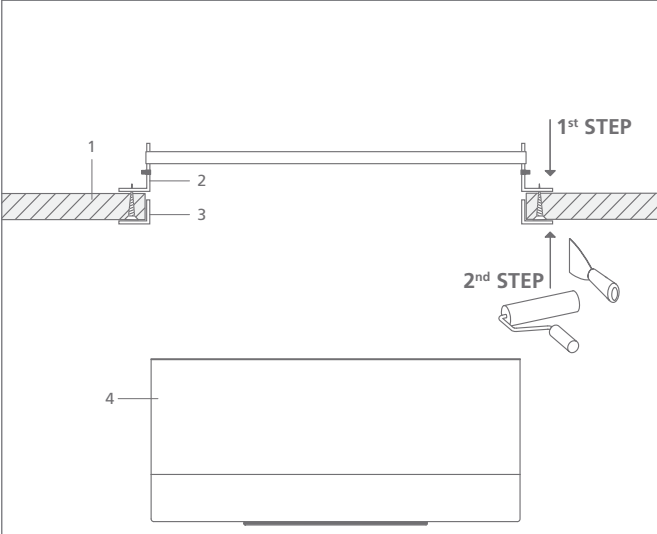
		without finish frame 292x292  with finish frame 297x297   355°		
				IP20 850° 
T16-R (2GX13) 22W = 1800lm  QR111 (G53)  QR-CBC51 (GU5,3)  HIR111-CE-P (GX8,5) 	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>			
	<b>M115020</b> T16-R (2GX13) 1x22W + QR111 (G53) 12V 1xmax50W	3,50kg		
	<b>M115040</b> T16-R (2GX13) 1x22W + QR-CBC51 (GU5,3) 12V 1xmax50W	3,50kg		
	<b>M115050</b> T16-R (2GX13) 1x22W + HIR111-CE-P (GX8,5) 1xmax35W	3,50kg		
Electronic control gear included.				

## ANDROMEDA RECESSED 300x600

		without finish frame 292x592  with finish frame 297x597   355°		
				IP20 850° 
T16-HO/FQ (G5) 24W = 1750lm  QR111 (G53)  QR-CBC51 (GU5,3)  HIR111-CE-P (GX8,5) 	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>			
	<b>M115220</b> T16 (G5) 2x24W + QR111 (G53) 12V 2xmax50W	5,80kg		
	<b>M115240</b> T16 (G5) 2x24W + QR-CBC51 (GU5,3) 12V 2xmax50W	5,80kg		
	<b>M115250</b> T16 (G5) 2x24W + HIR111-CE-P (GX8,5) 2xmax35W	5,80kg		
Electronic control gear included.				

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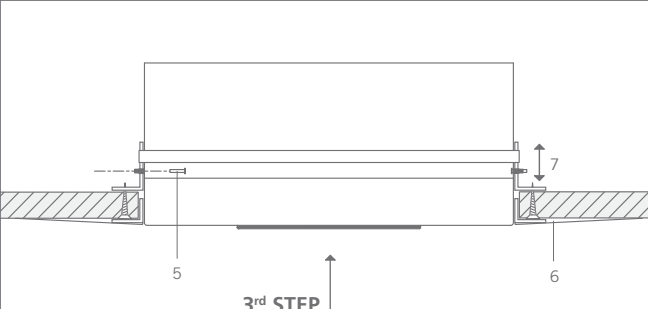
## ANDROMEDA RECESSED INSTALLATION INTO PLASTERBOARD FALSE CEILINGS



**1<sup>st</sup> STEP**  
Screw the fixing frame onto the ceiling.

**2<sup>nd</sup> STEP**  
Install finish frame. Apply plaster and paint coats.


1 Plasterboard false ceiling.  
2 Fixing frame.  
3 Finish frame.  
4 Luminaire body.

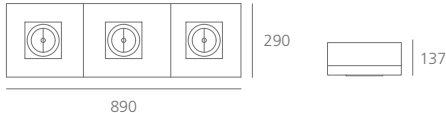


**3<sup>rd</sup> STEP**  
Recess the luminaire into the ceiling and screw to the fixing frame. Adjust luminaire recess depth if required.

5 Screws for fixing luminaire to the fixing frame.  
6 Plaster finish coat + paint coat.  
7 Height adjustment system.

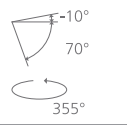
## ANDROMEDA RECESSED 300x900

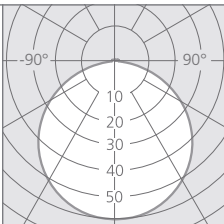





without finish frame  
292x892

with finish frame  
297x897




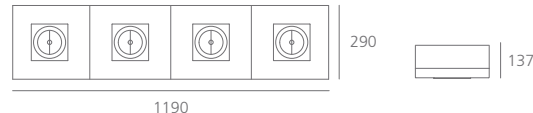


IP20 850° 

T16-HE/FH (G5) 21W = 1900lm	CODE	LIGHT SOURCE	WEIGHT
QR111 (G53)	M115320	T16 (G5) 2x21W + QR111 (G53) 12V 3xmax50W	8,20kg
QR-CBC51 (GU5,3)	M115340	T16 (G5) 2x21W + QR-CBC51 (GU5,3) 12V 3xmax50W	8,20kg
HIR111-CE-P (GX8,5)	M115350	T16 (G5) 2x21W + HIR111-CE-P (GX8,5) 3xmax35W	8,20kg
Electronic control gear included.			

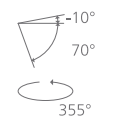
## ANDROMEDA RECESSED 300x1200

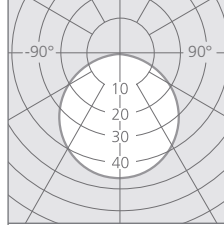





without finish frame  
292x1192

with finish frame  
297x1197





IP20 850° 


T16-HE/FH (G5) 28W = 2600lm	CODE	LIGHT SOURCE	WEIGHT
QR111 (G53)	M115420	T16 (G5) 2x28W + QR111 (G53) 12V 4xmax50W	9,20kg
QR-CBC51 (GU5,3)	M115440	T16 (G5) 2x28W + QR-CBC51 (GU5,3) 12V 4xmax50W	9,20kg
HIR111-CE-P (GX8,5)	M115450	T16 (G5) 2x28W + HIR111-CE-P (GX8,5) 4xmax35W	9,20kg
Electronic control gear included.			

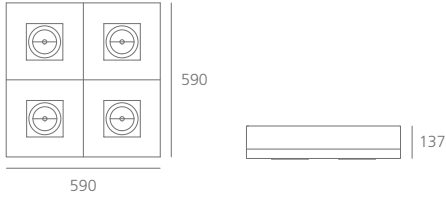
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ABOVE AND PAGE 110-111: ERNST & YOUNG, ADELAIDE (AUS), WOODS BAGOT.

# ANDROMEDA RECESSED 600x600





590

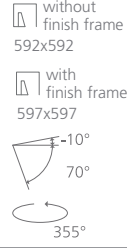
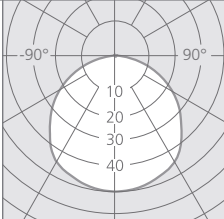
590

137




without finish frame  
592x592

with finish frame  
597x597


-10°  
70°  
355°

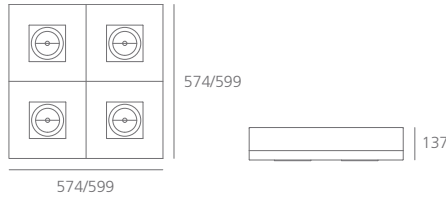



T16 (G5) **Cd/Klm**

T16-HO/FQ (G5) 24W = 1750lm		CODE	LIGHT SOURCE	WEIGHT
QR111 (G53)		<b>M115620</b>	T16 (G5) 3x24W + QR111 (G53) 12V 4xmax50W	10,20kg
QR-CBC51 (GU5,3)		<b>M115640</b>	T16 (G5) 3x24W + QR-CBC51 (GU5,3) 12V 4xmax50W	10,20kg
HIR111-CE-P (GX8,5)		<b>M115650</b>	T16 (G5) 3x24W + HIR111-CE-P (GX8,5) 4xmax35W	10,20kg
Electronic control gear included.				

# ANDROMEDA RECESSED 600X600 FOR FALSE CEILING 24MM GRID




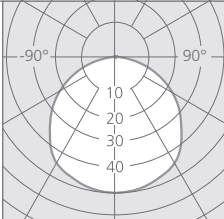


574/599







574/599

137

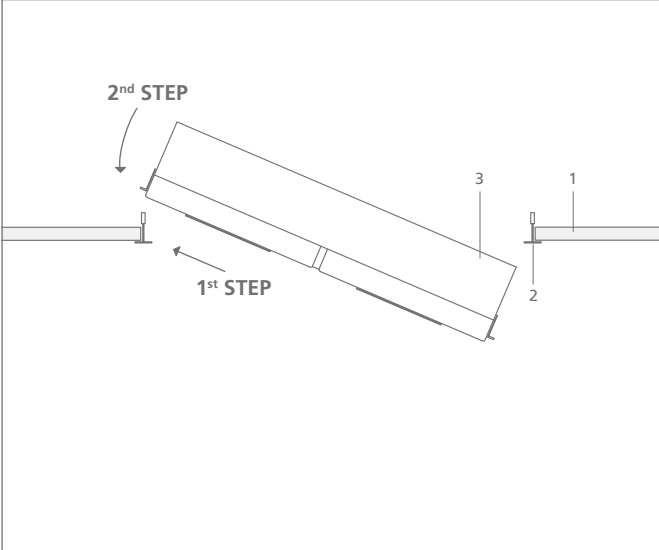
-10°  
70°  
355°

T16 (G5) **Cd/Klm**

T16-HO/FQ (G5) 24W = 1750lm		CODE	LIGHT SOURCE	WEIGHT
<b>FALSE CEILING 600x600mm</b>				
QR111 (G53)		<b>M114920</b>	T16 (G5) 3x24W + QR111 (G53) 12V 4xmax50W	9,40kg
QR-CBC51 (GU5,3)		<b>M114940</b>	T16 (G5) 3x24W + QR-CBC51 (GU5,3) 12V 4xmax50W	9,40kg
HIR111-CE-P (GX8,5)		<b>M114950</b>	T16 (G5) 3x24W + HIR111-CE-P (GX8,5) 4xmax35W	9,40kg
<b>FALSE CEILING 625x625mm</b>				
QR111 (G53)		<b>M114922</b>	T16 (G5) 3x24W + QR111 (G53) 12V 4xmax50W	9,50kg
QR-CBC51 (GU5,3)		<b>M114942</b>	T16 (G5) 3x24W + QR-CBC51 (GU5,3) 12V 4xmax50W	9,50kg
HIR111-CE-P (GX8,5)		<b>M114952</b>	T16 (G5) 3x24W + HIR111-CE-P (GX8,5) 4xmax35W	9,50kg
Electronic control gear included.				

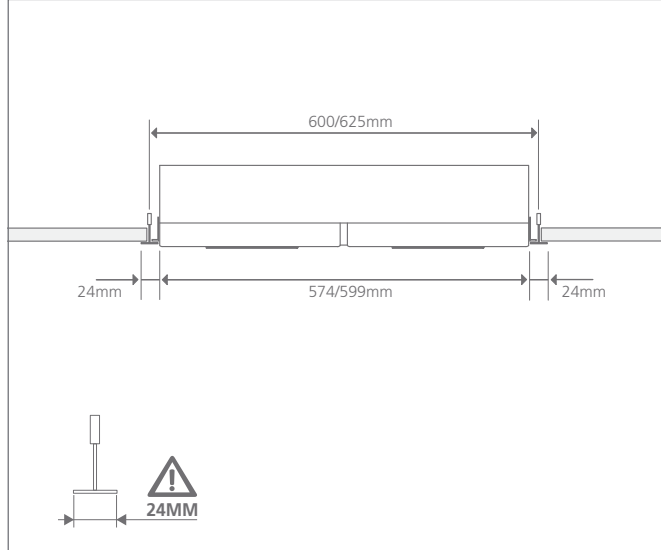
# ANDROMEDA RECESSED INSTALLATION INTO FALSE CEILING SYSTEMS



2<sup>nd</sup> STEP

1<sup>st</sup> STEP

1 Ceiling tile.  
2 Main runner.  
3 Luminaire.



600/625mm

24mm


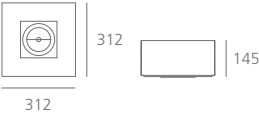

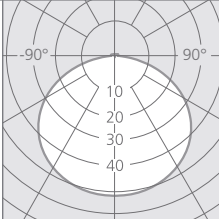
574/599mm

24mm


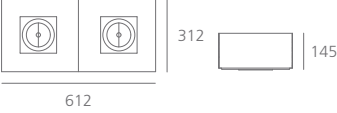

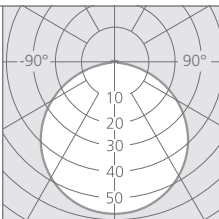
24MM

**WARNING**  
For installation in suspended ceilings with 24mm main runner only.

## ANDROMEDA CEILING 300x300


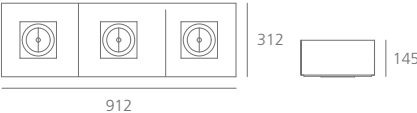
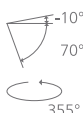
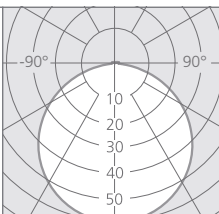
														
				⚡ ⚡ IP20 850° ● grey	T16-R (2GX13) Cd/Klm									
T16-R (2GX13) 22W = 1800lm QR111 (G53) QR-CBC51 (GU5,3) HIR111-CE-P (GX8,5)	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M115720</b></td> <td>T16-R (2GX13) 1x22W + QR111 (G53) 12V 1xmax50W</td> <td>4,00kg</td> </tr> <tr> <td><b>M115740</b></td> <td>T16-R (2GX13) 1x22W + QR-CBC51 (GU5,3) 12V 1xmax50W</td> <td>4,00kg</td> </tr> <tr> <td><b>M115750</b></td> <td>T16-R (2GX13) 1x22W + HIR111-CE-P (GX8,5) 1xmax35W</td> <td>4,00kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M115720</b>	T16-R (2GX13) 1x22W + QR111 (G53) 12V 1xmax50W	4,00kg	<b>M115740</b>	T16-R (2GX13) 1x22W + QR-CBC51 (GU5,3) 12V 1xmax50W	4,00kg	<b>M115750</b>	T16-R (2GX13) 1x22W + HIR111-CE-P (GX8,5) 1xmax35W	4,00kg	Electronic control gear included.
CODE	LIGHT SOURCE	WEIGHT												
<b>M115720</b>	T16-R (2GX13) 1x22W + QR111 (G53) 12V 1xmax50W	4,00kg												
<b>M115740</b>	T16-R (2GX13) 1x22W + QR-CBC51 (GU5,3) 12V 1xmax50W	4,00kg												
<b>M115750</b>	T16-R (2GX13) 1x22W + HIR111-CE-P (GX8,5) 1xmax35W	4,00kg												

## ANDROMEDA CEILING 300x600

														
				⚡ ⚡ IP20 850° ● grey	T16 (G5) Cd/Klm									
T16-HO/FQ (G5) 24W = 1750lm QR111 (G53) QR-CBC51 (GU5,3) HIR111-CE-P (GX8,5)	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M115920</b></td> <td>T16 (G5) 2x24W + QR111 (G53) 12V 2xmax50W</td> <td>6,80kg</td> </tr> <tr> <td><b>M115940</b></td> <td>T16 (G5) 2x24W + QR-CBC51 (GU5,3) 12V 2xmax50W</td> <td>6,80kg</td> </tr> <tr> <td><b>M115950</b></td> <td>T16 (G5) 2x24W + HIR111-CE-P (GX8,5) 2xmax35W</td> <td>6,80kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M115920</b>	T16 (G5) 2x24W + QR111 (G53) 12V 2xmax50W	6,80kg	<b>M115940</b>	T16 (G5) 2x24W + QR-CBC51 (GU5,3) 12V 2xmax50W	6,80kg	<b>M115950</b>	T16 (G5) 2x24W + HIR111-CE-P (GX8,5) 2xmax35W	6,80kg	Electronic control gear included.
CODE	LIGHT SOURCE	WEIGHT												
<b>M115920</b>	T16 (G5) 2x24W + QR111 (G53) 12V 2xmax50W	6,80kg												
<b>M115940</b>	T16 (G5) 2x24W + QR-CBC51 (GU5,3) 12V 2xmax50W	6,80kg												
<b>M115950</b>	T16 (G5) 2x24W + HIR111-CE-P (GX8,5) 2xmax35W	6,80kg												


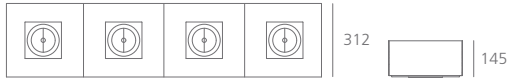

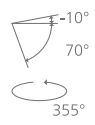
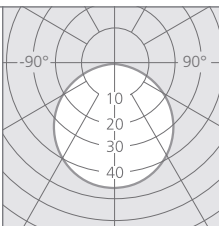


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## ANDROMEDA CEILING 300x900


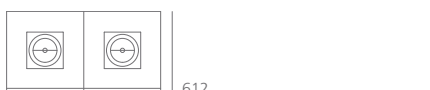

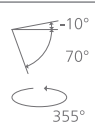
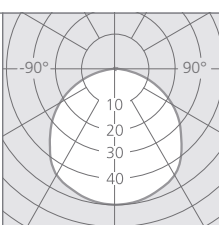


														
				⚡ ⚡ IP20 850° ● grey	T16 (G5) Cd/Klm									
T16-HE/FH (G5) 21W = 1900lm QR111 (G53) QR-CBC51 (GU5,3) HIR111-CE-P (GX8,5)	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M116020</b></td> <td>T16 (G5) 2x21W + QR111 (G53) 12V 3xmax50W</td> <td>9,40kg</td> </tr> <tr> <td><b>M116040</b></td> <td>T16 (G5) 2x21W + QR-CBC51 (GU5,3) 12V 3xmax50W</td> <td>9,40kg</td> </tr> <tr> <td><b>M116050</b></td> <td>T16 (G5) 2x21W + HIR111-CE-P (GX8,5) 3xmax35W</td> <td>9,40kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M116020</b>	T16 (G5) 2x21W + QR111 (G53) 12V 3xmax50W	9,40kg	<b>M116040</b>	T16 (G5) 2x21W + QR-CBC51 (GU5,3) 12V 3xmax50W	9,40kg	<b>M116050</b>	T16 (G5) 2x21W + HIR111-CE-P (GX8,5) 3xmax35W	9,40kg	Electronic control gear included.
CODE	LIGHT SOURCE	WEIGHT												
<b>M116020</b>	T16 (G5) 2x21W + QR111 (G53) 12V 3xmax50W	9,40kg												
<b>M116040</b>	T16 (G5) 2x21W + QR-CBC51 (GU5,3) 12V 3xmax50W	9,40kg												
<b>M116050</b>	T16 (G5) 2x21W + HIR111-CE-P (GX8,5) 3xmax35W	9,40kg												



## ANDROMEDA CEILING 300x1200

				
	  IP20 850° ● grey			T16 (G5) <b>Cd/Klm</b>
T16-HE/FH (G5) 28W = 2600lm QR111 (G53) QR-CBC51 (GU5,3) HIR111-CE-P (GX8,5)	<b>CODE</b>	<b>LIGHT SOURCE</b>	<b>WEIGHT</b>	
	<b>M116120</b>	T16 (G5) 2x28W + QR111 (G53) 12V 4xmax50W	11,90kg	
	<b>M116140</b>	T16 (G5) 2x28W + QR-CBC51 (GU5,3) 12V 4xmax50W	11,90kg	
	<b>M116150</b>	T16 (G5) 2x28W + HIR111-CE-P (GX8,5) 4xmax35W	11,90kg	
Electronic control gear included.				


## ANDROMEDA CEILING 600x600

				
	  IP20 850° ● grey			T16 (G5) <b>Cd/Klm</b>
T16-HO/FQ (G5) 24W = 1750lm QR111 (G53) QR-CBC51 (GU5,3) HIR111-CE-P (GX8,5)	<b>CODE</b>	<b>LIGHT SOURCE</b>	<b>WEIGHT</b>	
	<b>M116320</b>	T16 (G5) 3x24W + QR111 (G53) 12V 4xmax50W	12,00kg	
	<b>M116340</b>	T16 (G5) 3x24W + QR-CBC51 (GU5,3) 12V 4xmax50W	12,00kg	
	<b>M116350</b>	T16 (G5) 3x24W + HIR111-CE-P (GX8,5) 4xmax35W	12,00kg	
Electronic control gear included.				

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WHITE STAR ADVENTURE, MILAN (I), CARLA CELESTINO.




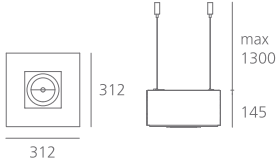
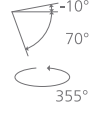
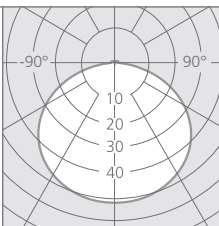






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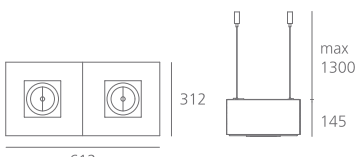
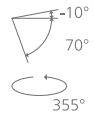
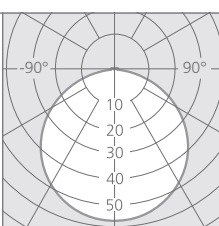








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## ANDROMEDA SUSPENSION 300x300 DIRECT EMISSION


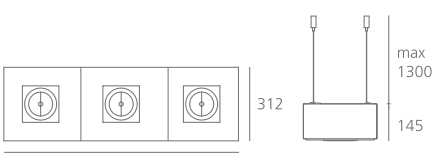
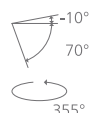
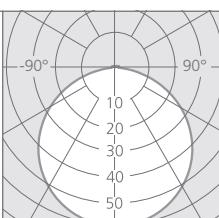






				
				  
<b>T16-R (2GX13)</b> 22W = 1800lm  <b>QR111 (G53)</b>  <b>QR-CBC51 (GU5,3)</b>  <b>HIR111-CE-P (GX8,5)</b>	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>			
<b>M116420</b>	T16-R (2GX13) 1x22W + QR111 (G53) 12V 1xmax50W	5,40kg		
<b>M116440</b>	T16-R (2GX13) 1x22W + QR-CBC51 (GU5,3) 12V 1xmax50W	5,40kg		
<b>M116450</b>	T16-R (2GX13) 1x22W + HIR111-CE-P (GX8,5) 1xmax35W	5,40kg		
Electronic control gear included.				

## ANDROMEDA SUSPENSION 300x600 DIRECT EMISSION

				
				  
<b>T16-HO/FQ (G5)</b> 24W = 1750lm  <b>QR111 (G53)</b>  <b>QR-CBC51 (GU5,3)</b>  <b>HIR111-CE-P (GX8,5)</b>	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>			
<b>M116620</b>	T16 (G5) 2x24W + QR111 (G53) 12V 2xmax50W	8,90kg		
<b>M116640</b>	T16 (G5) 2x24W + QR-CBC51 (GU5,3) 12V 2xmax50W	8,90kg		
<b>M116650</b>	T16 (G5) 2x24W + HIR111-CE-P (GX8,5) 2xmax35W	8,90kg		
Electronic control gear included.				


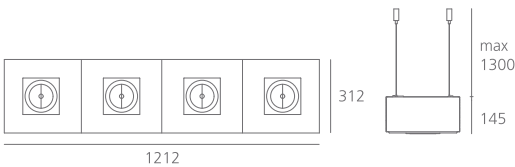
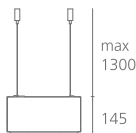

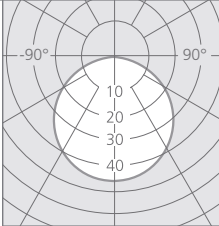
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## ANDROMEDA SUSPENSION 300x900 DIRECT EMISSION


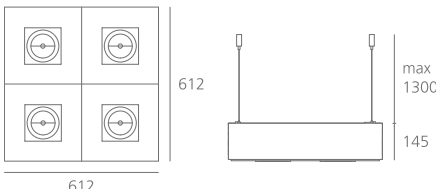


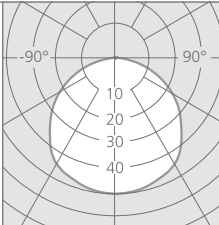
				
				  
<b>T16-HE/FH (G5)</b> 21W = 1900lm  <b>QR111 (G53)</b>  <b>QR-CBC51 (GU5,3)</b>  <b>HIR111-CE-P (GX8,5)</b>	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>			
<b>M116720</b>	T16 (G5) 2x21W + QR111 (G53) 12V 3xmax50W	12,30kg		
<b>M116740</b>	T16 (G5) 2x21W + QR-CBC51 (GU5,3) 12V 3xmax50W	12,30kg		
<b>M116750</b>	T16 (G5) 2x21W + HIR111-CE-P (GX8,5) 3xmax35W	12,30kg		
Electronic control gear included.				



## ANDROMEDA SUSPENSION 300x1200 DIRECT EMISSION

					
					⚡ ⚡ IP20 850° ● grey
T16-HE/FH (G5) 28W = 2600lm QR111 (G53) QR-CBC51 (GU5,3) HIR111-CE-P (GX8,5)	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>				
	<b>M116820</b>	T16 (G5) 2x28W + QR111 (G53) 12V 4xmax50W	15,70kg		
	<b>M116840</b>	T16 (G5) 2x28W + QR-CBC51 (GU5,3) 12V 4xmax50W	15,70kg		
	<b>M116850</b>	T16 (G5) 2x28W + HIR111-CE-P (GX8,5) 4xmax35W	15,70kg		
Electronic control gear included.					

## ANDROMEDA SUSPENSION 600x600 DIRECT EMISSION

					
					⚡ ⚡ IP20 850° ● grey
T16-HO/FQ (G5) 24W = 1750lm QR111 (G53) QR-CBC51 (GU5,3) HIR111-CE-P (GX8,5)	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>				
	<b>M117020</b>	T16 (G5) 3x24W + QR111 (G53) 12V 4xmax50W	15,20kg		
	<b>M117040</b>	T16 (G5) 3x24W + QR-CBC51 (GU5,3) 12V 4xmax50W	15,20kg		
	<b>M117050</b>	T16 (G5) 3x24W + HIR111-CE-P (GX8,5) 4xmax35W	15,20kg		
Electronic control gear included.					

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BANG & OLUFSEN SHOWROOM, MILAN (I), SANDRO MARINI AND ILARIO PESCO.

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design WILMOTTE & INDUSTRIES



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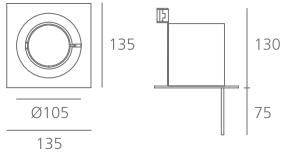



- A RANGE OF RECESSED ADJUSTABLE DOWNLIGHTS USING 12V HALOGEN, METAL-HALIDE AND 230-240V LED LAMPS.
- SQUARE FRAME MADE FROM STEEL, AVAILABLE IN THREE COLOUR OPTIONS.
- OPTICAL UNIT MADE FROM ALUMINIUM WITH A CHROME FINISH.
- 2 SIZE OPTIONS DEPENDING ON THE LIGHT SOURCE.
- SUPER PURE ALUMINIUM OPTICS WITH HIT VERSION, WITH CHOICE OF 3 BEAM SPREADS: SPOT, MEDIUM AND FLOOD.
- TILT ANGLE OF UP TO 40° WITH A CHROME STEEL ROD. ROTATION OF UP TO 360°.
- LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS.
- HIT VERSION INCLUDES PROTECTIVE GLASS.
- CONTROL GEAR TO BE ORDERED SEPARATELY.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.









# STICK 140






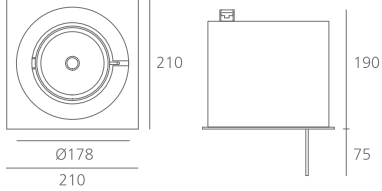


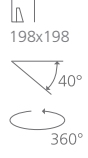
IP20 960° ● moka 1 ● black 5 ● anthracite grey 9

	CODE	LIGHT SOURCE	CLASS	WEIGHT
QR-CBC51 (GU5,3) 	<b>M0235.5</b>	QR-CBC51 (GU5,3) 12V max50W		0,95kg
HIPAR51-CE-P (GX10) 	<b>M0236.5</b>	HIPAR51-CE-P (GX10) max35W		0,95kg
LED (GU10)  max63mm (overall)	<b>M0239.5</b>	LED (GU10) 230-240V		0,95kg













# STICK 210



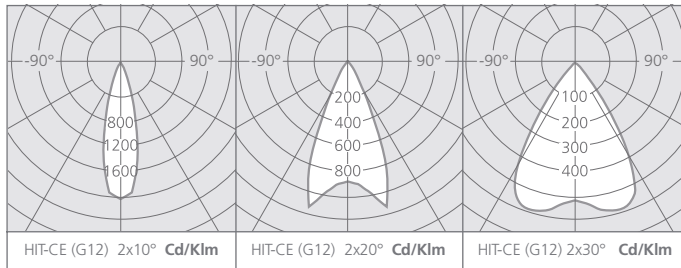





IP20 960° ● moka 1 ● black 5 ● anthracite grey 9

	CODE	LIGHT SOURCE	CLASS	WEIGHT
QR111 (G53) 	<b>M0237.5</b>	QR111 (G53) 12V max100W		2,60kg
HIR111-CE-P (GX8,5) 	<b>M0238.5</b>	HIR111-CE-P (GX8,5) max70W		2,60kg
HIT-TC-CE (G8,5) 20W = 1700lm 35W = 3400lm 70W = 6600lm 	<b>M0217.5</b>	HIT-CE (G12) max70W 2x10°		2,60kg
HIT-CE (G12) 35W = 3300lm 70W = 6600lm 	<b>M0218.5</b>	HIT-CE (G12) max70W 2x20°		2,60kg
	<b>M0219.5</b>	HIT-CE (G12) max70W 2x30°		2,60kg
	<b>M0223.5</b>	HIT-TC-CE (G8,5) max70W 2x10°		2,60kg
	<b>M0224.5</b>	HIT-TC-CE (G8,5) max70W 2x20°		2,60kg
	<b>M0225.5</b>	HIT-TC-CE (G8,5) max70W 2x30°		2,60kg

H	Ø	E <sub>max</sub>	E <sub>M</sub>	H	Ø	E <sub>max</sub>	E <sub>M</sub>	H	Ø	E <sub>max</sub>	E <sub>M</sub>	H	Ø	E <sub>max</sub>	E <sub>M</sub>	H	Ø	E <sub>max</sub>	E <sub>M</sub>	H	Ø	E <sub>max</sub>	E <sub>M</sub>
m	m	lux	lux	m	m	lux	lux	m	m	lux	lux	m	m	lux	lux	m	m	lux	lux	m	m	lux	lux
1	0,48	6552	3016	1	0,86	2964	1441	1	1,32	1693	553	1	0,48	13105	6032	1	0,86	5927	2883	1	1,32	3386	1107
2	0,97	1638	754	2	1,72	741	360	2	2,65	423	138	2	0,97	3276	1508	2	1,72	1482	721	2	2,65	846	277
3	1,45	728	335	3	2,58	329	160	3	3,97	188	61	3	1,45	1456	670	3	2,58	659	320	3	3,97	376	123
4	1,94	410	188	4	3,45	185	90	4	5,30	106	35	4	1,94	819	377	4	3,45	370	180	4	5,30	212	69
5	2,42	262	121	5	4,31	119	58	5	6,62	68	22	5	2,42	524	241	5	4,31	237	115	5	6,62	135	44
35W spread of beam 2x10°				35W spread of beam 2x20°				35W spread of beam 2x30°				70W spread of beam 2x10°				70W spread of beam 2x20°				70W spread of beam 2x30°			




# STICK CONTROL GEARS



Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.

**M070211** 10-60W. 123x32x23mm.

**M070412** 35-105W. 102x51x30mm.




Electronic ballast 230-240V. Class I.



**M070722** HIT 1x20W. 130x83x39mm.

**M070322** HIT 1x35W. 155x83x32mm.

**M070522** HIT 1x70W. 150x80x35mm.

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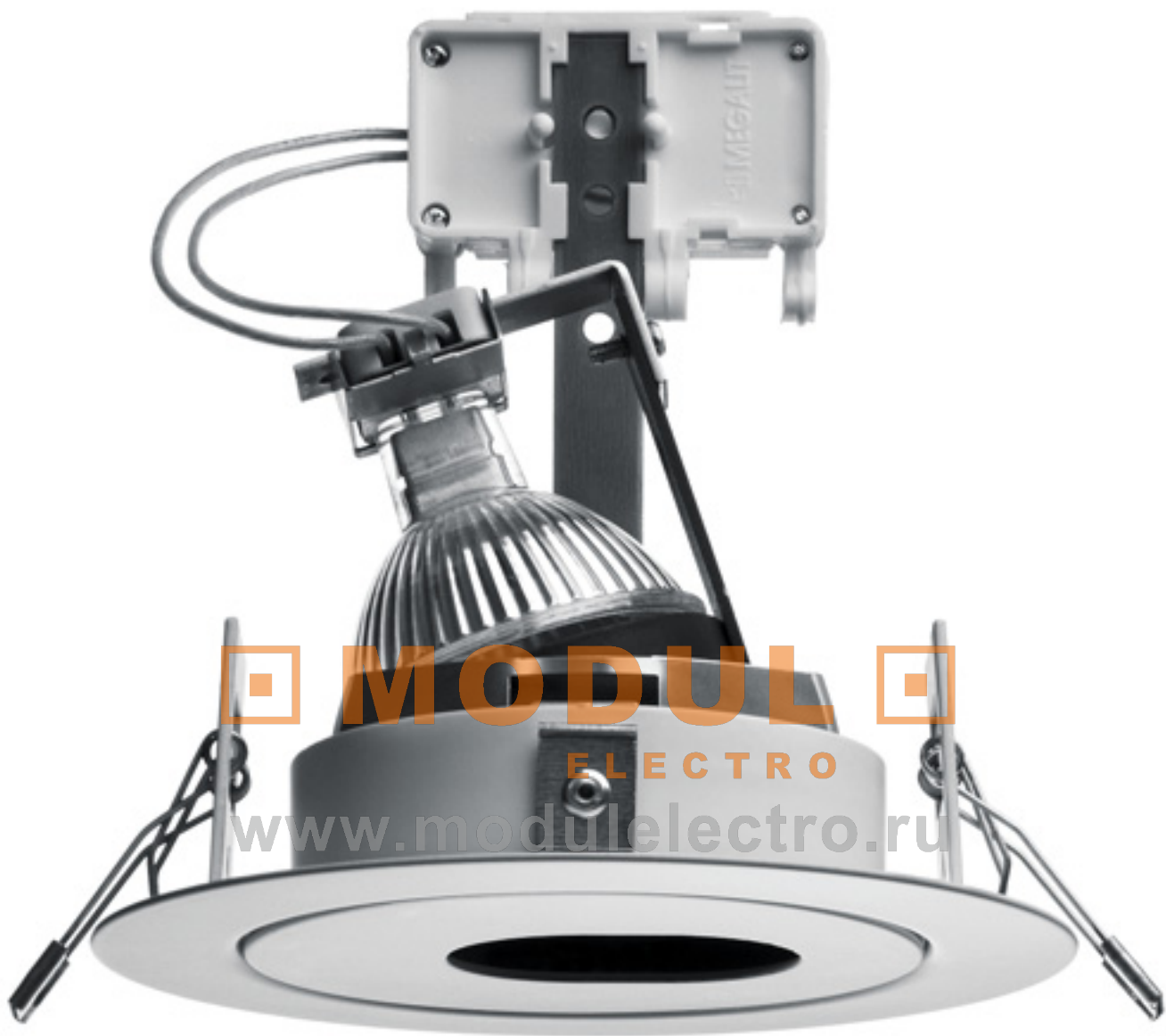
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- STEEL BODY, AVAILABLE IN 5 COLOUR OPTIONS.
- 2 SIZE OPTIONS: Ø86MM AND Ø125MM.
- TILT ANGLE OF UP TO 45°, ROTATION OF UP TO 355° DEPENDING ON THE VERSION.
- VERSION IP44 COMES WITH INTEGRAL SAFETY COVER AND SEALED GLASS.
- OPTIONAL STEEL RECESSING RING WITH WHITE FINISH FOR USE WITH 2 OR 3 DOWNLIGHTS Ø86MM.
- WIDE RANGE OF ACCESSORIES FOR RECESSING INTO FALSE CEILINGS, ALLOWING LAMP REPLACEMENT WITHOUT DAMAGING THE SURFACE.
- REMOTE TRANSFORMER.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.





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RECESSING PLATE + 3 RASTAF 86 ADJUSTABLE



RASTAF 86 ADJUSTABLE



RASTAF 86 FIX


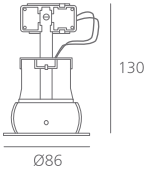















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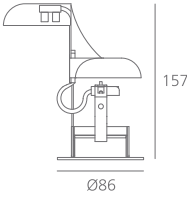




RASTAF 125 ADJUSTABLE

## RASTAF 86 FIX

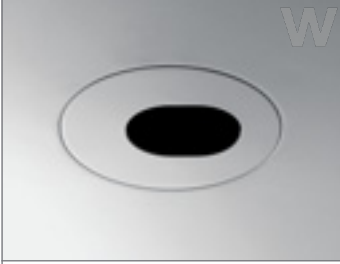
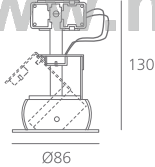
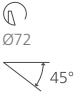












		 Ø72	IP20 960° ● gold 7 ● black 1 ○ white 0 ● metal grey 6 ● chrome 8																
			QR-CBC51 (GU5,3)  HIPAR51-CE-P (GX10)  LED (GU10)  min 50mm/ max 81mm (overall)	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0490.0</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> <td></td> <td>0,15kg</td> </tr> <tr> <td><b>M048800*</b></td> <td>HIPAR51-CE-P (GX10) max35W</td> <td></td> <td>0,15kg</td> </tr> <tr> <td><b>M047900*</b></td> <td>LED (GU10) 230-240V</td> <td></td> <td>0,15kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M0490.0</b>	QR-CBC51 (GU5,3) 12V max50W		0,15kg	<b>M048800*</b>	HIPAR51-CE-P (GX10) max35W		0,15kg	<b>M047900*</b>	LED (GU10) 230-240V	
CODE	LIGHT SOURCE	CLASS	WEIGHT																
<b>M0490.0</b>	QR-CBC51 (GU5,3) 12V max50W		0,15kg																
<b>M048800*</b>	HIPAR51-CE-P (GX10) max35W		0,15kg																
<b>M047900*</b>	LED (GU10) 230-240V		0,15kg																

## RASTAF 86 FIX IP44/21

		 Ø72	IP44/21 960° ○ white						
			QR-CBC51 (GU5,3) 	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M049100</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> <td>0,15kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M049100</b>	QR-CBC51 (GU5,3) 12V max50W
CODE	LIGHT SOURCE	WEIGHT							
<b>M049100</b>	QR-CBC51 (GU5,3) 12V max50W	0,15kg							

**MODULO**  
**ELECTRO**





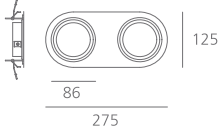
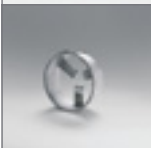


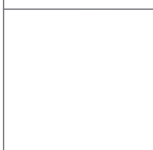
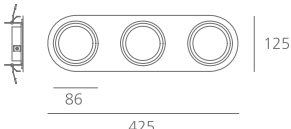
## RASTAF 86 ADJUSTABLE

		 Ø72 45°	IP20 960° ● gold 7 ● black 1 ○ white 0 ● metal grey 6 ● chrome 8																
			QR-CBC51 (GU5,3)  HIPAR51-CE-P (GX10)  LED (GU10)  min 50mm/ max 81mm (overall)	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0490.5</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> <td></td> <td>0,15kg</td> </tr> <tr> <td><b>M048805*</b></td> <td>HIPAR51-CE-P (GX10) max35W</td> <td></td> <td>0,15kg</td> </tr> <tr> <td><b>M047905*</b></td> <td>LED (GU10) 230-240V</td> <td></td> <td>0,15kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M0490.5</b>	QR-CBC51 (GU5,3) 12V max50W		0,15kg	<b>M048805*</b>	HIPAR51-CE-P (GX10) max35W		0,15kg	<b>M047905*</b>	LED (GU10) 230-240V	
CODE	LIGHT SOURCE	CLASS	WEIGHT																
<b>M0490.5</b>	QR-CBC51 (GU5,3) 12V max50W		0,15kg																
<b>M048805*</b>	HIPAR51-CE-P (GX10) max35W		0,15kg																
<b>M047905*</b>	LED (GU10) 230-240V		0,15kg																


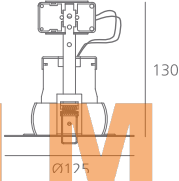
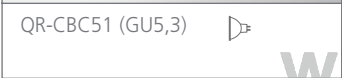

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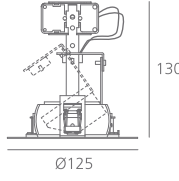


## RASTAF 86 ACCESSORIES

	<b>M080008</b> Recessing ring with plaster support for RASTAF 86 FIX or ADJUSTABLE. 190x190		<b>M017300</b> Steel recessing plate for 2 spots RASTAF 86 FIX or ADJUSTABLE. 260xØ110
	<b>M080018</b> Recessing ring for mineral fiber false ceilings for RASTAF 86 FIX or ADJUSTABLE. Ø78		
	<b>M080028</b> Aluminium recessing ring for RASTAF 86 FIX or ADJUSTABLE. Ø78		<b>M017400</b> Steel recessing plate for 3 spots RASTAF 86 FIX or ADJUSTABLE. 410xØ110
	<b>M080038</b> Steel recessing ring with springs for plasterboard false ceilings for RASTAF 86 FIX or ADJUSTABLE. Ø78 ○ white		

## RASTAF 125 FIX

			Ø110
<b>MODULO ELECTRO</b>			
QR-CBC51 (GU5,3) 	IP20 960° ○ white	<b>CODE</b>	<b>LIGHT SOURCE</b>
<b>M043800</b>	QR-CBC51 (GU5,3) 12V max50W	<b>WEIGHT</b>	0,25kg


## RASTAF 125 ADJUSTABLE

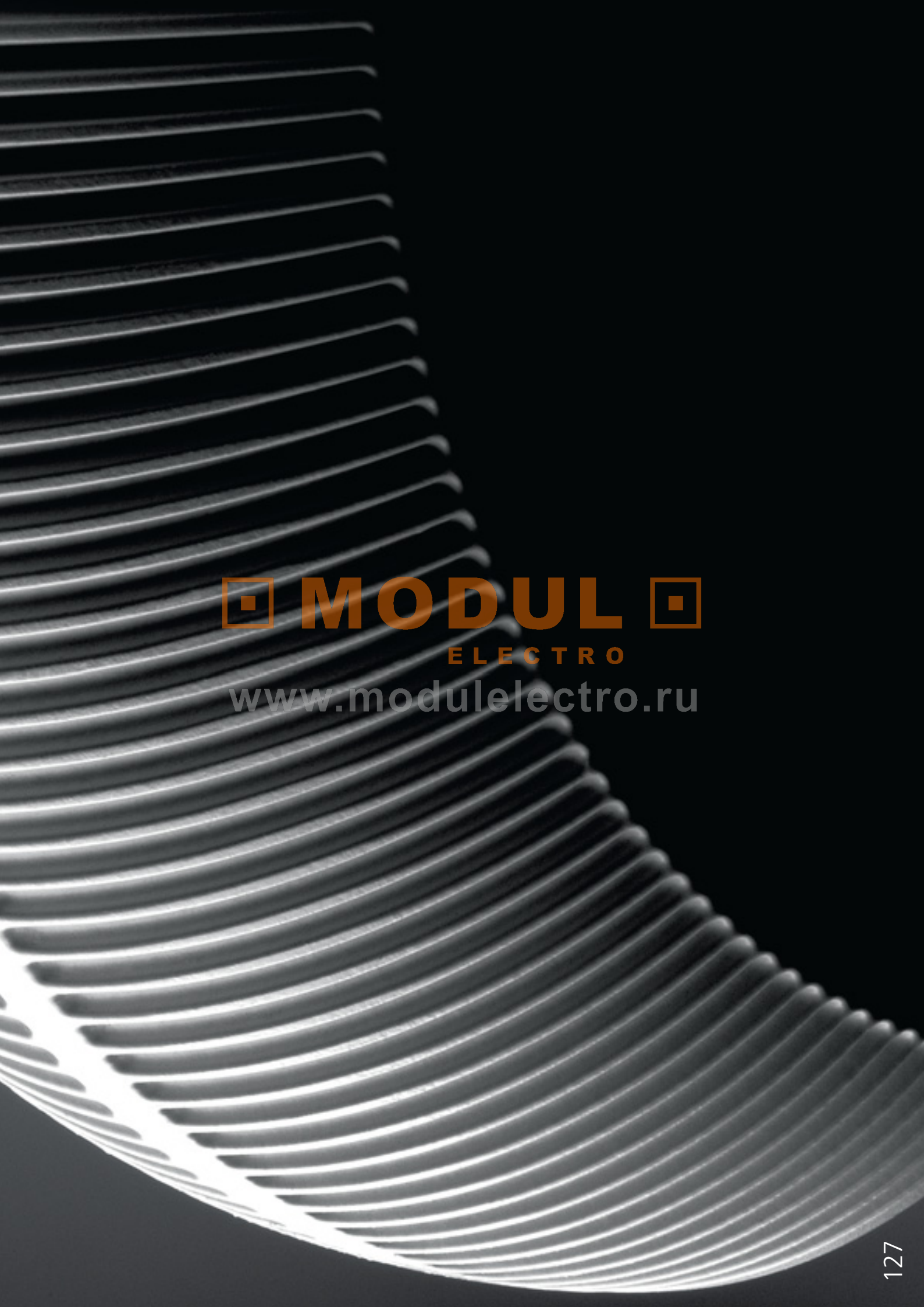
			Ø110 35° 355°
<b>MODULO ELECTRO</b>			
QR-CBC51 (GU5,3) 	IP20 960° ○ white	<b>CODE</b>	<b>LIGHT SOURCE</b>
<b>M043805</b>	QR-CBC51 (GU5,3) 12V max50W	<b>WEIGHT</b>	0,25kg

## RASTAF CONTROL GEARS

	<b>M070211</b> 10-60W. 123x32x23mm. <b>M070412</b> 35-105W. 102x51x30mm. <b>M072111</b> 35-150W. 100x38x34mm.		<b>M070032</b> Electronic ballast 230-240V. Class I. For HIPAR51 (GX10) 1x35W. 132x64x37mm.
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TOPLITE

  
ELECTRO  
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# TOPLITE



TOPLITE 88 FIX LOW LUMINANCE



TOPLITE 88 FIX



TOPLITE 88 FIX COLOR

 **MODULO**   
**ELECTRO**

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TOPLITE SQUARE FIX

- A RANGE OF RECESSED DOWNLIGHTS, FIXED OR ADJUSTABLE, ROUND OR SQUARE, USING 12V DICHROIC HALOGEN LAMPS, HIPAR51 METAL HALIDE AND 230-240V LEDS.
- BODY IN DIE-CAST ALUMINIUM OR STEEL, AVAILABLE IN DIFFERENT COLOURS.
- MULTIPLE SIZE OPTIONS: Ø88MM, Ø100MM, Ø125MM, Ø158MM, 88x88MM AND 95x95MM.
- TILT ANGLE OF UP TO 70°, ROTATION OF UP TO 355° DEPENDING ON THE VERSION.
- LAMPHOLDING RING MADE FROM ALUMINIUM, THERMOPLASTIC MATERIAL OR WITH COLOURED GLASS.
- LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS BY A SIMPLE QUARTER TURN ROTATION.
- VERSION IP44 COMES WITH INTEGRAL SAFETY COVER AND SEALED GLASS.
- REMOTE TRANSFORMER.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.







TOPLITE SQUARE ADJUSTABLE



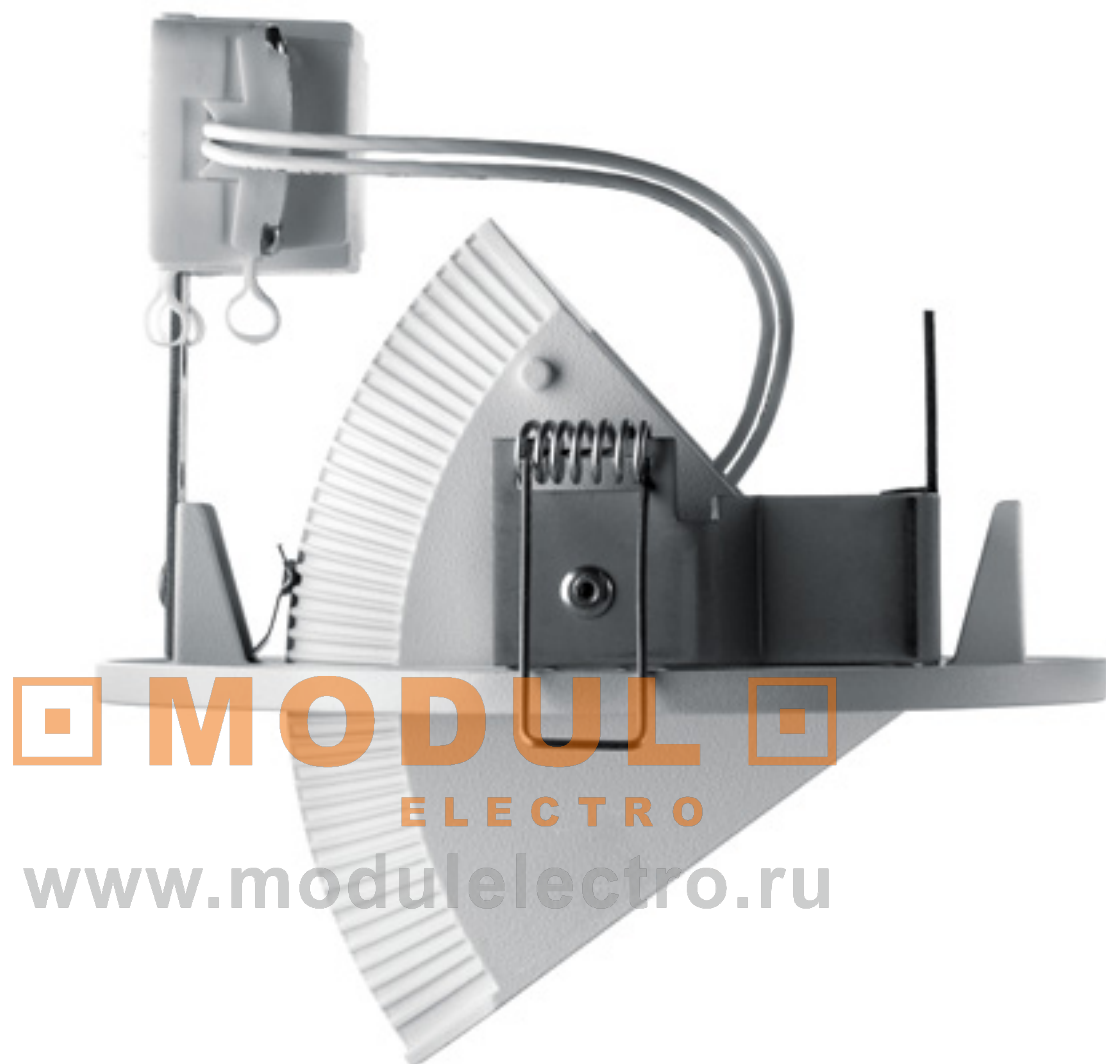
TOPLITE 100 BI-ADJUSTABLE

 **MODUL**   
**ELECTRO**  
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TOPLITE 125 ADJUSTABLE 70°

# TOPLITE

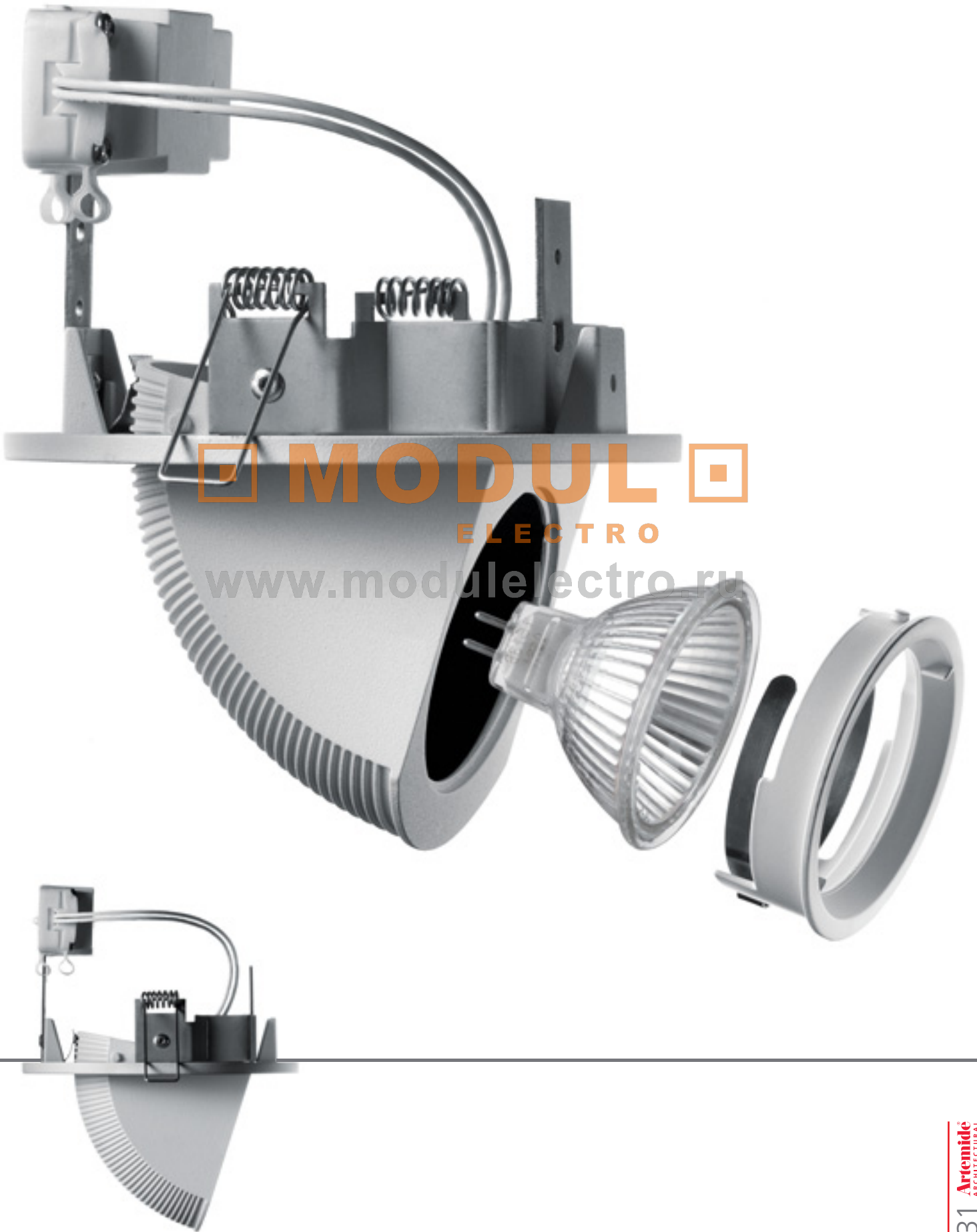


**MODUL**

ELECTRO


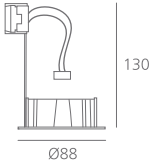














[www.modulelectro.ru](http://www.modulelectro.ru)




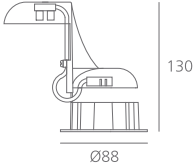






**MODUL**  
ELECTRO  
[www.modulelectro.ru](http://www.modulelectro.ru)


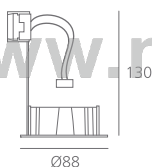














## TOPLITE 88 FIX

		 IP20 960° <input type="radio"/> white <b>0</b> <input checked="" type="radio"/> black <b>1</b> <input checked="" type="radio"/> metal grey <b>6</b>	 Ø75																
				QR-CBC51 (GU5,3)  HIPAR51-CE-P (GX10)  LED (GU10) 															
<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0414.0</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> <td></td> <td>0,15kg</td> </tr> <tr> <td><b>M041600*</b></td> <td>HIPAR51-CE-P (GX10) max35W</td> <td></td> <td>0,15kg</td> </tr> <tr> <td><b>M046600*</b></td> <td>LED (GU10) 230-240V</td> <td></td> <td>0,15kg</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M0414.0</b>	QR-CBC51 (GU5,3) 12V max50W		0,15kg	<b>M041600*</b>	HIPAR51-CE-P (GX10) max35W		0,15kg	<b>M046600*</b>	LED (GU10) 230-240V		0,15kg	*Available only in white.	
CODE	LIGHT SOURCE	CLASS	WEIGHT																
<b>M0414.0</b>	QR-CBC51 (GU5,3) 12V max50W		0,15kg																
<b>M041600*</b>	HIPAR51-CE-P (GX10) max35W		0,15kg																
<b>M046600*</b>	LED (GU10) 230-240V		0,15kg																

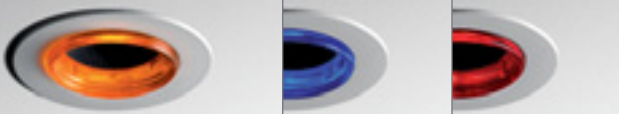
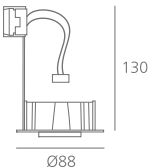



## TOPLITE 88 FIX IP44/21

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				QR-CBC51 (GU5,3) 					
<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0430.0</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> <td>0,15kg</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	WEIGHT	<b>M0430.0</b>	QR-CBC51 (GU5,3) 12V max50W	0,15kg		
CODE	LIGHT SOURCE	WEIGHT							
<b>M0430.0</b>	QR-CBC51 (GU5,3) 12V max50W	0,15kg							

## TOPLITE 88 FIX LOW LUMINANCE


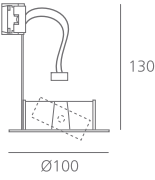




		 IP20 960° <input type="radio"/> white <b>0</b> <input checked="" type="radio"/> black <b>1</b> <input checked="" type="radio"/> metal grey <b>6</b>	 Ø75																
				QR-CBC51 (GU5,3)  HIPAR51-CE-P (GX10)  LED (GU10) 															
<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0463.0</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> <td></td> <td>0,15kg</td> </tr> <tr> <td><b>M046200*</b></td> <td>HIPAR51-CE-P (GX10) max35W</td> <td></td> <td>0,15kg</td> </tr> <tr> <td><b>M046700*</b></td> <td>LED (GU10) 230-240V</td> <td></td> <td>0,15kg</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M0463.0</b>	QR-CBC51 (GU5,3) 12V max50W		0,15kg	<b>M046200*</b>	HIPAR51-CE-P (GX10) max35W		0,15kg	<b>M046700*</b>	LED (GU10) 230-240V		0,15kg	*Available only in white.	
CODE	LIGHT SOURCE	CLASS	WEIGHT																
<b>M0463.0</b>	QR-CBC51 (GU5,3) 12V max50W		0,15kg																
<b>M046200*</b>	HIPAR51-CE-P (GX10) max35W		0,15kg																
<b>M046700*</b>	LED (GU10) 230-240V		0,15kg																

## TOPLITE 88 FIX COLOR

		 IP20 960° <input type="radio"/> white	 Ø75																
				QR-CBC51 (GU5,3) 															
<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>GLASS COLOUR</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M041520</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> <td>blue</td> <td>0,15kg</td> </tr> <tr> <td><b>M041530</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> <td>orange</td> <td>0,15kg</td> </tr> <tr> <td><b>M041590</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> <td>red</td> <td>0,15kg</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	GLASS COLOUR	WEIGHT	<b>M041520</b>	QR-CBC51 (GU5,3) 12V max50W	blue	0,15kg	<b>M041530</b>	QR-CBC51 (GU5,3) 12V max50W	orange	0,15kg	<b>M041590</b>	QR-CBC51 (GU5,3) 12V max50W	red	0,15kg		
CODE	LIGHT SOURCE	GLASS COLOUR	WEIGHT																
<b>M041520</b>	QR-CBC51 (GU5,3) 12V max50W	blue	0,15kg																
<b>M041530</b>	QR-CBC51 (GU5,3) 12V max50W	orange	0,15kg																
<b>M041590</b>	QR-CBC51 (GU5,3) 12V max50W	red	0,15kg																


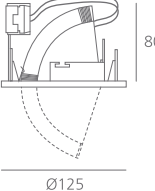




## TOPLITE 100 BI-ADJUSTABLE

			IP20 960° ○ white 0 ● black 1 ● metal grey 6			
			QR-CBC51 (GU5,3) 	<b>CODE</b> <b>LIGHT SOURCE</b> <b>CLASS</b> <b>WEIGHT</b>	<b>M0429.5</b> QR-CBC51 (GU5,3) 12V max50W  0,20kg	<b>M042500*</b> HIPAR51-CE-P (GX10) max35W  0,20kg

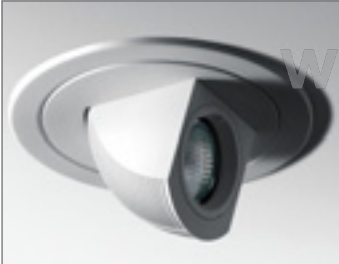
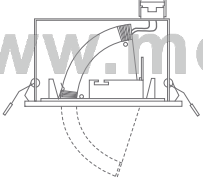


\*Available only in white.

## TOPLITE 125 ADJUSTABLE 70°


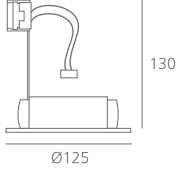


			IP20 960° ○ white 0 ● black 1 ● metal grey 6			
			QR-CBC51 (GU5,3) 	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	<b>M0414.5</b> QR-CBC51 (GU5,3) 12V max50W      0,30kg	

**MODULO**  
**ELECTRO**


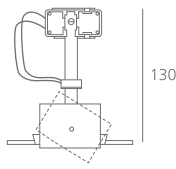


## SUPERTOP

			IP20 960° ○ white			
			QR-CBC51 (GU5,3) 	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	<b>M044105</b> QR-CBC51 (GU5,3) 12V max50W      0,45kg	

## TOPLITE 125 FIX

		 Ø110						
			IP20 960° ○ white					
QR-CBC51 (GU5,3) 	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M046100</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> <td>0,25kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M046100</b>	QR-CBC51 (GU5,3) 12V max50W	0,25kg	
CODE	LIGHT SOURCE	WEIGHT						
<b>M046100</b>	QR-CBC51 (GU5,3) 12V max50W	0,25kg						

## TOPLITE 125 ADJUSTABLE 30°


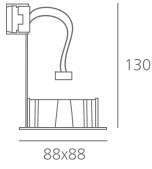





		 Ø110 30°						
			IP20 960° ○ white					
QR-CBC51 (GU5,3) 	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M046105</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> <td>0,25kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M046105</b>	QR-CBC51 (GU5,3) 12V max50W	0,25kg	
CODE	LIGHT SOURCE	WEIGHT						
<b>M046105</b>	QR-CBC51 (GU5,3) 12V max50W	0,25kg						

**MODUL**  
ELECTRO  
[www.modulelectro.ru](http://www.modulelectro.ru)


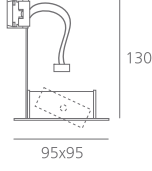








CITE MONDIALE DU VIN, BORDEAUX (F), PETUAUD, LETANG.

## TOPLITE SQUARE FIX

			   											
				<table border="1"> <thead> <tr> <th>QR-CBC51 (GU5,3)</th> <th>LED</th> </tr> </thead> <tbody> <tr> <td><b>CODE</b></td> <td><b>LIGHT SOURCE</b></td> </tr> <tr> <td><b>M0412.0</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> </tr> <tr> <td><b>M0465.0</b></td> <td>QR-CBC51 (GU5,3) 12V max50W LOW LUMINANCE</td> </tr> <tr> <td></td> <td><b>WEIGHT</b></td> </tr> <tr> <td></td> <td>0,15kg</td> </tr> <tr> <td></td> <td>0,15kg</td> </tr> </tbody> </table>	QR-CBC51 (GU5,3)	LED	<b>CODE</b>	<b>LIGHT SOURCE</b>	<b>M0412.0</b>	QR-CBC51 (GU5,3) 12V max50W	<b>M0465.0</b>	QR-CBC51 (GU5,3) 12V max50W LOW LUMINANCE		<b>WEIGHT</b>
QR-CBC51 (GU5,3)	LED													
<b>CODE</b>	<b>LIGHT SOURCE</b>													
<b>M0412.0</b>	QR-CBC51 (GU5,3) 12V max50W													
<b>M0465.0</b>	QR-CBC51 (GU5,3) 12V max50W LOW LUMINANCE													
	<b>WEIGHT</b>													
	0,15kg													
	0,15kg													

## TOPLITE SQUARE ADJUSTABLE

		 	   											
				<table border="1"> <thead> <tr> <th>QR-CBC51 (GU5,3)</th> <th>LED</th> </tr> </thead> <tbody> <tr> <td><b>CODE</b></td> <td><b>LIGHT SOURCE</b></td> </tr> <tr> <td><b>M0412.5</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> </tr> <tr> <td><b>M0465.5</b></td> <td>QR-CBC51 (GU5,3) 12V max50W LOW LUMINANCE</td> </tr> <tr> <td></td> <td><b>WEIGHT</b></td> </tr> <tr> <td></td> <td>0,20kg</td> </tr> <tr> <td></td> <td>0,20kg</td> </tr> </tbody> </table>	QR-CBC51 (GU5,3)	LED	<b>CODE</b>	<b>LIGHT SOURCE</b>	<b>M0412.5</b>	QR-CBC51 (GU5,3) 12V max50W	<b>M0465.5</b>	QR-CBC51 (GU5,3) 12V max50W LOW LUMINANCE		<b>WEIGHT</b>
QR-CBC51 (GU5,3)	LED													
<b>CODE</b>	<b>LIGHT SOURCE</b>													
<b>M0412.5</b>	QR-CBC51 (GU5,3) 12V max50W													
<b>M0465.5</b>	QR-CBC51 (GU5,3) 12V max50W LOW LUMINANCE													
	<b>WEIGHT</b>													
	0,20kg													
	0,20kg													


**MODULO**

## TOPLITE ACCESSORIES


	<p><b>M081047</b> Louvre for TOPLITE 88 FIX, TOPLITE 100 BI-ADJUSTABLE, TOPLITE 125 ADJUSTABLE 70°, SUPERTOP, TOPLITE SQUARE FIX and TOPLITE SQUARE ADJUSTABLE.</p>		<p><b>M070211</b> Electronic transformer 10-60W, 230-240/12V. 123x32x32mm. Class II. Dimmable by trailing or leading edge external dimmers.</p>
			

# VULCANIA


design A. PEDRETTI - STUDIO ROTA & PARTNERS

  
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# VULCANIA RECESSED

  
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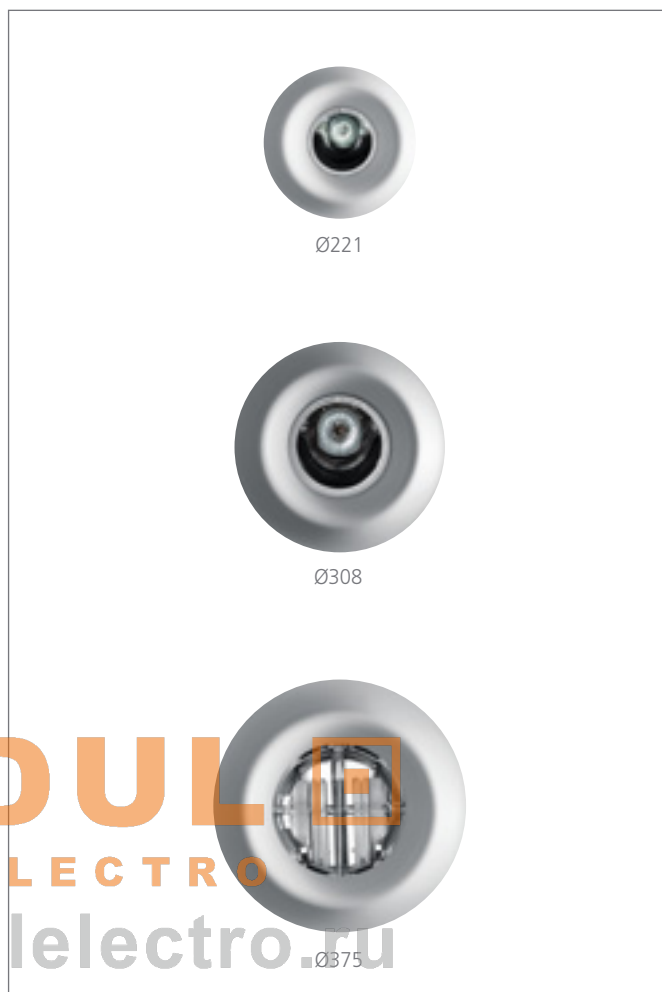


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- A RANGE OF FIXED AND DIRECTIONAL RECESSED DOWNLIGHTS USING 12V HALOGEN, METAL-HALIDE AND FLUORESCENT LAMPS.
- ALUMINIUM OR INJECTION MOULDED PLASTIC BODY.
- DECORATIVE RING IN ABS/PC, FIXED BY A SIMPLE QUARTER TURN ROTATION.
- 3 DIAMETER OPTIONS: Ø221MM, Ø308MM AND Ø375MM.
- TILT ANGLE OF UP TO 32°.
- LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS.
- SAFETY GLASS INCLUDED WITH HIT VERSION.
- FLUORESCENT VERSION COMES WITH AN ANTI-DAZZLE CROSS-BLADE AND INTEGRAL ELECTRONIC BALLAST.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.




# VULCANIA RECESSED




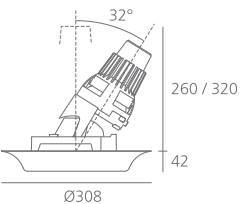












AIRPORT TOLMACHEVO VIP TERMINAL, OB (RU), FEDOR BUKHTOYAROV SVETOPRESTIZH.




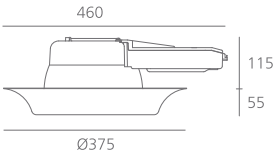





## VULCANIA RECESSED Ø221

		
QR-CBC51 (GU5,3) 	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	
	<b>M106020</b> QR-CBC51 (GU5,3) 12V 1xmax50W	0,55kg



## VULCANIA RECESSED Ø308


																																																																										
			   																																																																							
QR111 (G53)  HIR111-CE-P (GX8,5)  HIT-CE (G12)  70W = 6600lm 150W = 14000lm	<b>CODE</b> <b>LIGHT SOURCE</b> <b>CLASS</b> <b>WEIGHT</b>																																																																									
	<b>M106120</b> QR111 (G53) 12V 1xmax100W  1,40kg																																																																									
	<b>M106220</b> HIR111-CE-P (GX8,5) 1xmax70W  1,40kg																																																																									
	<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> <th>90°</th> <th>90°</th> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> <th>-90°</th> <th>90°</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1,00</td> <td>4454</td> <td>2014</td> <td>200</td> <td>400</td> <td>1</td> <td>0,85</td> <td>12183</td> <td>4749</td> <td>200</td> <td>400</td> </tr> <tr> <td>2</td> <td>1,99</td> <td>1113</td> <td>503</td> <td>3045</td> <td>1187</td> <td>2</td> <td>1,71</td> <td>3045</td> <td>1187</td> <td>400</td> <td>800</td> </tr> <tr> <td>3</td> <td>2,99</td> <td>495</td> <td>224</td> <td>1354</td> <td>528</td> <td>3</td> <td>2,56</td> <td>1354</td> <td>528</td> <td>600</td> <td>1200</td> </tr> <tr> <td>4</td> <td>3,99</td> <td>278</td> <td>126</td> <td>761</td> <td>297</td> <td>4</td> <td>3,41</td> <td>761</td> <td>297</td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>4,99</td> <td>178</td> <td>81</td> <td>487</td> <td>190</td> <td>5</td> <td>4,27</td> <td>487</td> <td>190</td> <td></td> <td></td> </tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	90°	90°	H m	Ø m	EMax lux	EM lux	-90°	90°	1	1,00	4454	2014	200	400	1	0,85	12183	4749	200	400	2	1,99	1113	503	3045	1187	2	1,71	3045	1187	400	800	3	2,99	495	224	1354	528	3	2,56	1354	528	600	1200	4	3,99	278	126	761	297	4	3,41	761	297			5	4,99	178	81	487	190	5	4,27	487	190			
H m	Ø m	EMax lux	EM lux	90°	90°	H m	Ø m	EMax lux	EM lux	-90°	90°																																																															
1	1,00	4454	2014	200	400	1	0,85	12183	4749	200	400																																																															
2	1,99	1113	503	3045	1187	2	1,71	3045	1187	400	800																																																															
3	2,99	495	224	1354	528	3	2,56	1354	528	600	1200																																																															
4	3,99	278	126	761	297	4	3,41	761	297																																																																	
5	4,99	178	81	487	190	5	4,27	487	190																																																																	
	70W spread of beam 2x20°      HIT-CE (G12) 70W Cd/Klm      150W spread of beam 2x20°      HIT-CE (G12) 150W Cd/Klm																																																																									
	<b>M106320</b> HIT-CE (G12) 1x70W 2x20°  1,50kg																																																																									
	<b>M106420</b> HIT-CE (G12) 1x150W 2x20°  1,50kg																																																																									

## VULCANIA RECESSED Ø375

																																						
			  																																			
TC-DEL (G24q-3)  26W = 1800lm	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>																																					
	<b>M106520</b> TC-DEL (G24q-3) 2x26W      2,00kg																																					
	<b>M106527</b> TC-DEL (G24q-3) 2x26W + emergency 1h      2,70kg																																					
	Anti-dazzle cross-blade louvre and electronic control gear included.																																					
	<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> <th>-90°</th> <th>90°</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1,99</td> <td>750</td> <td>156</td> <td>40</td> <td>80</td> </tr> <tr> <td>2</td> <td>3,99</td> <td>188</td> <td>39</td> <td>120</td> <td>160</td> </tr> <tr> <td>3</td> <td>5,98</td> <td>83</td> <td>17</td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>7,97</td> <td>47</td> <td>10</td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>9,97</td> <td>30</td> <td>6</td> <td></td> <td></td> </tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	-90°	90°	1	1,99	750	156	40	80	2	3,99	188	39	120	160	3	5,98	83	17			4	7,97	47	10			5	9,97	30	6			
H m	Ø m	EMax lux	EM lux	-90°	90°																																	
1	1,99	750	156	40	80																																	
2	3,99	188	39	120	160																																	
3	5,98	83	17																																			
4	7,97	47	10																																			
5	9,97	30	6																																			
	spread of beam 2x45°      TC-DEL (G24q-3) Cd/Klm																																					

## VULCANIA ACCESSORIES

	Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.
	<b>M070211</b> 10-60W. 123x32x23mm. <b>M070412</b> 35-105W. 102x51x30mm.
	Electronic ballast 230-240V. Class I.
	<b>M070322</b> For HIT 1x35W. 155x83x32mm. <b>M070522</b> For HIT 1x70W. 150x80x35mm. <b>M070622</b> For HIT 1x150W. 150x90x40mm.

	<b>M080085</b> UV filter for HIT version.
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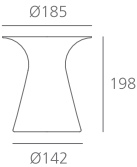






# VULCANIA CEILING



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- CEILING LIGHT USING QR111 75W/12V HALOGEN LIGHT SOURCE.
- ALUMINUM BODY WITH WHITE PAINT FINISH.
- TILT ANGLE OF UP TO 20°, ROTATION OF UP TO 355°.
- LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS.
- ELECTRONIC TRANSFORMER.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

## VULCANIA CEILING

		 20°  355°						
			  IP20 960°  white					
QR111 (G53) 	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M019020</b></td> <td>QR111 (G53) 12V max75W</td> <td>1,90kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M019020</b>	QR111 (G53) 12V max75W	1,90kg	Integral electronic transformer 35-105W, 230-240V/12V. Dimmable by trailing edge external dimmers.
CODE	LIGHT SOURCE	WEIGHT						
<b>M019020</b>	QR111 (G53) 12V max75W	1,90kg						

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# L.D. SYSTEM

design ALBERTO MEDA - PAOLO RIZZATO



L.D. SYSTEM 156

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L.D. SYSTEM 96





L.D. SYSTEM 66



L.D. SYSTEM 206


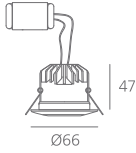


- A RANGE OF RECESSED FIXED DOWNLIGHTS USING 12V HALOGEN, METAL-HALIDE AND FLUORESCENT LAMPS.
- DIE-CAST ALUMINIUM AND STEEL BODY.
- REFLECTORS MADE FROM SUPER PURE ALUMINIUM OR METALLISED POLYCARBONATE.
- DIE-CAST ALUMINIUM RING, AVAILABLE IN 3 COLOURS, TO BE CLIPPED ON THE FIXTURE.
- 4 DIAMETER OPTIONS: Ø66MM, Ø96MM, Ø156MM AND Ø206MM.
- UV FILTER INCLUDED WITH HIT VERSION.
- INTEGRAL BALLAST WITH FLUORESCENT VERSION.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

IMAGE SCALE 1:1



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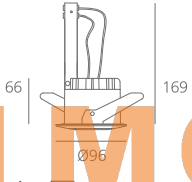


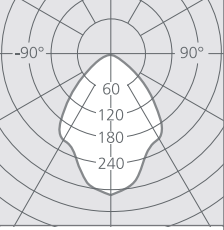

## L.D. SYSTEM 66


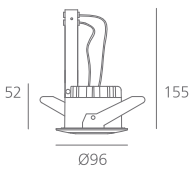


		 Ø58
QR-CBC35 (GU4) 	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	
	<b>L6006.0</b> QR-CBC35 (GU4) 12V max20W	0,60kg

## L.D. SYSTEM 66 ACCESSORIES

	<b>L621000</b> Mounting box for cut outs in concrete ceilings.		<b>M070211</b> Electronic transformer 10-60W, 230-240V/12V. 123x32x23mm. Class II. Dimmable by trailing or leading edge external dimmers.
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## L.D. SYSTEM 96

		 Ø81	IP20 850°  03 ○ white <b>2</b> ● nickel matt <b>7</b> ● chrome <b>9</b>	<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1,70</td> <td>297</td> <td>66</td> </tr> <tr> <td>2</td> <td>3,40</td> <td>74</td> <td>16</td> </tr> <tr> <td>3</td> <td>5,11</td> <td>33</td> <td>7</td> </tr> <tr> <td>4</td> <td>6,81</td> <td>19</td> <td>4</td> </tr> <tr> <td>5</td> <td>8,51</td> <td>12</td> <td>3</td> </tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	1	1,70	297	66	2	3,40	74	16	3	5,11	33	7	4	6,81	19	4	5	8,51	12	3	
				H m	Ø m	EMax lux	EM lux																						
1	1,70	297	66																										
2	3,40	74	16																										
3	5,11	33	7																										
4	6,81	19	4																										
5	8,51	12	3																										
QT12-UVr-ax  50W = 910lm	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	QT12-UVr-ax (GY6,35) Cd/Klm																											
	<b>L6003.0</b> QT12-UVr-ax (GY6,35) 12V max50W	1,20kg																											


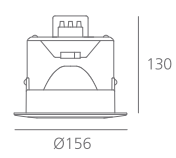

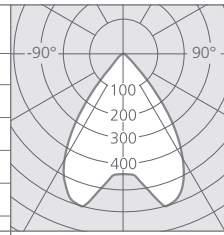


		 Ø81	IP20 850°  03 ○ white <b>2</b> ● nickel matt <b>7</b> ● chrome <b>9</b>
	<b>L6004.0</b> QR-CBC51 (GU5,3) 12V max50W	1,20kg	


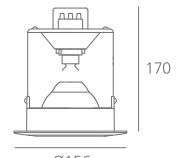

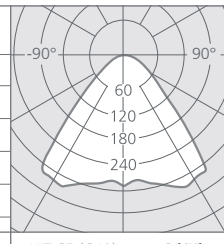


## L.D. SYSTEM 96 ACCESSORIES

	<b>L621001</b> Mounting box for cut outs in concrete ceilings.		<b>M070211</b> Electronic transformer 10-60W, 230-240V/12V. 123x32x23mm. Class II. Dimmable by trailing or leading edge external dimmers.
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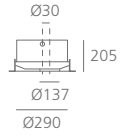




## L.D. SYSTEM 156

		 Ø137	<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1,44</td> <td>798</td> <td>284</td> </tr> <tr> <td>2</td> <td>2,87</td> <td>199</td> <td>71</td> </tr> <tr> <td>3</td> <td>4,31</td> <td>89</td> <td>32</td> </tr> <tr> <td>4</td> <td>5,75</td> <td>50</td> <td>18</td> </tr> <tr> <td>5</td> <td>7,19</td> <td>32</td> <td>11</td> </tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	1	1,44	798	284	2	2,87	199	71	3	4,31	89	32	4	5,75	50	18	5	7,19	32	11	
			H m	Ø m	EMax lux	EM lux																						
1	1,44	798	284																									
2	2,87	199	71																									
3	4,31	89	32																									
4	5,75	50	18																									
5	7,19	32	11																									
IP20 850°  ○ white <b>2</b> ● nickel matt <b>7</b> ● chrome <b>9</b>	spread of beam 2x36°	QT12-UVr-ax (GY6,35) <b>Cd/klm</b>																										
QT12-UVr-ax (GY6,35)  65W = 1700lm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>L6010.0</b></td> <td>QT12-UVr-ax (GY6,35) 12V max65W</td> <td>1,00kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>L6010.0</b>	QT12-UVr-ax (GY6,35) 12V max65W	1,00kg																					
CODE	LIGHT SOURCE	WEIGHT																										
<b>L6010.0</b>	QT12-UVr-ax (GY6,35) 12V max65W	1,00kg																										

		 Ø137	<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1,83</td> <td>2046</td> <td>456</td> </tr> <tr> <td>2</td> <td>3,67</td> <td>512</td> <td>114</td> </tr> <tr> <td>3</td> <td>5,50</td> <td>227</td> <td>51</td> </tr> <tr> <td>4</td> <td>7,33</td> <td>128</td> <td>29</td> </tr> <tr> <td>5</td> <td>9,16</td> <td>82</td> <td>18</td> </tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	1	1,83	2046	456	2	3,67	512	114	3	5,50	227	51	4	7,33	128	29	5	9,16	82	18	
			H m	Ø m	EMax lux	EM lux																						
1	1,83	2046	456																									
2	3,67	512	114																									
3	5,50	227	51																									
4	7,33	128	29																									
5	9,16	82	18																									
IP20 850°  ○ white <b>2</b> ● nickel matt <b>7</b> ● chrome <b>9</b>	spread of beam 2x40°	HIT-CE (G12) <b>Cd/Klm</b>																										
HIT-CE (G12)  70W = 6600lm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>L6019.0</b></td> <td>HIT-CE (G12) max70W</td> <td>1,40kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>L6019.0</b>	HIT-CE (G12) max70W	1,40kg																					
CODE	LIGHT SOURCE	WEIGHT																										
<b>L6019.0</b>	HIT-CE (G12) max70W	1,40kg																										

## L.D. SYSTEM 156 ACCESSORIES

	<b>L621003</b> Mounting box for cut outs in concrete ceilings. For L6010.0 only.		Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.	
			<table border="1"> <tbody> <tr> <td><b>M070211</b></td> <td>10-60W. 123x32x23mm.</td> </tr> <tr> <td><b>M070412</b></td> <td>35-105W. 102x51x30mm.</td> </tr> </tbody> </table>	<b>M070211</b>
<b>M070211</b>	10-60W. 123x32x23mm.			
<b>M070412</b>	35-105W. 102x51x30mm.			
			Electronic ballast 230-240V. Class I. For HIT 1x70W. 150x80x35mm.	


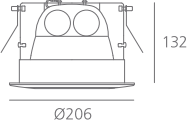

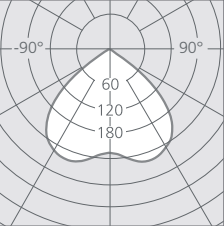

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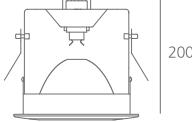

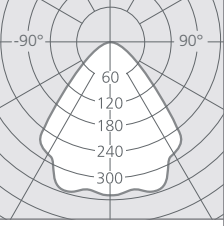



STILWERK, DÜSSELDORF (D).



## L.D. SYSTEM 206

			<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2,40</td> <td>519</td> <td>78</td> </tr> <tr> <td>2</td> <td>4,80</td> <td>130</td> <td>20</td> </tr> <tr> <td>3</td> <td>7,20</td> <td>58</td> <td>9</td> </tr> <tr> <td>4</td> <td>9,60</td> <td>32</td> <td>5</td> </tr> <tr> <td>5</td> <td>12</td> <td>21</td> <td>3</td> </tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	1	2,40	519	78	2	4,80	130	20	3	7,20	58	9	4	9,60	32	5	5	12	21	3	
			H m	Ø m	EMax lux	EM lux																						
1	2,40	519	78																									
2	4,80	130	20																									
3	7,20	58	9																									
4	9,60	32	5																									
5	12	21	3																									
<p>spread of beam 2x50°</p>	<p>TC-DEL (G24q-2) Cd/Klm</p>																											
<p>TC-DEL (G24q-2) 18W = 1200lm</p>		<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>L6077.0</b></td> <td>TC-DEL (G24q-2) 2x18W</td> <td>1,40kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>L6077.0</b>	TC-DEL (G24q-2) 2x18W	1,40kg																				
CODE	LIGHT SOURCE	WEIGHT																										
<b>L6077.0</b>	TC-DEL (G24q-2) 2x18W	1,40kg																										

			<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1,76</td> <td>2311</td> <td>498</td> </tr> <tr> <td>2</td> <td>3,51</td> <td>578</td> <td>125</td> </tr> <tr> <td>3</td> <td>5,27</td> <td>257</td> <td>55</td> </tr> <tr> <td>4</td> <td>7,03</td> <td>144</td> <td>31</td> </tr> <tr> <td>5</td> <td>8,79</td> <td>92</td> <td>20</td> </tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	1	1,76	2311	498	2	3,51	578	125	3	5,27	257	55	4	7,03	144	31	5	8,79	92	20	
			H m	Ø m	EMax lux	EM lux																						
1	1,76	2311	498																									
2	3,51	578	125																									
3	5,27	257	55																									
4	7,03	144	31																									
5	8,79	92	20																									
<p>70W spread of beam 2x40°</p>	<p>HIT-CE (G12) 70W Cd/Klm</p>																											
<p>HIT-CE (G12) 70W = 6600lm 150W = 14000lm</p>		<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>L6034.0</b></td> <td>HIT-CE (G12) max70W</td> <td>1,70kg</td> </tr> <tr> <td><b>L6036.0</b></td> <td>HIT-CE (G12) max150W</td> <td>1,70kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>L6034.0</b>	HIT-CE (G12) max70W	1,70kg	<b>L6036.0</b>	HIT-CE (G12) max150W	1,70kg																	
CODE	LIGHT SOURCE	WEIGHT																										
<b>L6034.0</b>	HIT-CE (G12) max70W	1,70kg																										
<b>L6036.0</b>	HIT-CE (G12) max150W	1,70kg																										

## L.D. SYSTEM 206 ACCESSORIES

	<p>Electronic ballast 230-240V. Class I.</p>	
	<p><b>M070522</b> For HIT 1x70W. 150x80x35mm. <b>M070622</b> For HIT 1x150W. 150x90x40mm.</p>	
<p><a href="http://www.modulelectro.ru">www.modulelectro.ru</a></p>		



WEDIT SCHULUNGSZENTRUM, HANNOVER (D).

# AYRTON



AYRTON 125

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AYRTON 98

- A RANGE OF RECESSED ADJUSTABLE DOWNLIGHTS USING 12V HALOGEN, AND METAL-HALIDE LAMPS.
- BODY IN DIE-CAST ALUMINIUM AND TECHNOPYLMERS, AVAILABLE WITH WHITE OR CHROME FINISH.
- 3 DIAMETER OPTIONS: Ø98MM, Ø125MM AND Ø156MM.
- TILT ANGLE OF UP TO 45° AND ROTATION OF UP TO 355° DEPENDING ON THE VERSION.
- SAFETY GLASS WITH HIT VERSION.
- REMOTE CONTROL GEAR.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.


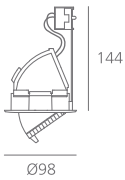


IMAGE SCALE 1:1



AYRTON 156

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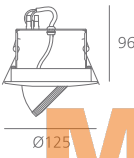


## AYRTON 98

		
QR-CBC51 (GU5,3) 	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	
	<b>L6135.0</b> QR-CBC51 (GU5,3) 12V max50W	1,20kg

## AYRTON 98 ACCESSORIES

	<b>M070211</b> Electronic transformer 10-60W, 230-240V/12V. 123x32x23mm. Class II. Dimmable by trailing or leading edge external dimmers.		<b>L621200</b> Mounting box for cut outs in concrete ceilings.

## AYRTON 125

		
QR-CBC51 (GU5,3) 	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	
	<b>L6104.0</b> QR-CBC51 (GU5,3) 12V max50W	1,50kg

## AYRTON 125 ACCESSORIES

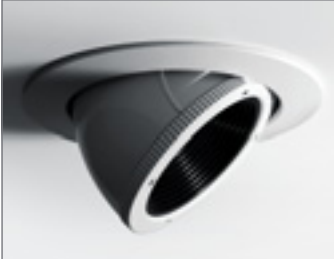
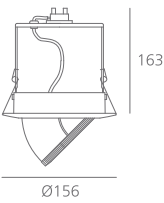
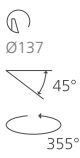
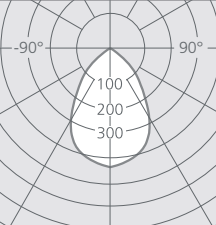












	<b>M070211</b> Electronic transformer 10-60W, 230-240V/12V. 123x32x23mm. Class II. Dimmable by trailing or leading edge external dimmers.		<b>L621002</b> Mounting box for cut outs in concrete ceilings.





IBM, ZÜRICH (CH), KELLER DESIGN.

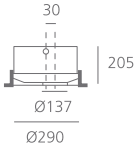


## AYRTON 156

			<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1,43</td> <td>2860</td> <td>770</td> </tr> <tr> <td>2</td> <td>2,86</td> <td>715</td> <td>193</td> </tr> <tr> <td>3</td> <td>4,30</td> <td>318</td> <td>86</td> </tr> <tr> <td>4</td> <td>5,73</td> <td>179</td> <td>48</td> </tr> <tr> <td>5</td> <td>7,16</td> <td>114</td> <td>31</td> </tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	1	1,43	2860	770	2	2,86	715	193	3	4,30	318	86	4	5,73	179	48	5	7,16	114	31	
				H m	Ø m	EMax lux	EM lux																					
1	1,43	2860	770																									
2	2,86	715	193																									
3	4,30	318	86																									
4	5,73	179	48																									
5	7,16	114	31																									
 IP20  85°  III  white	spread of beam 2x36°	HIT-CE (G12) <b>Cd/Klm</b>																										
QR-CBC51 (GU5,3)  HIT-CE (G12) 70W = 6600lm 	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>L611120</b></td> <td>QR-CBC51 (GU5,3) 12V max50W</td> <td></td> <td>1,30kg</td> </tr> <tr> <td><b>L612220</b></td> <td>HIT-CE (G12) max70W</td> <td></td> <td>1,50kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>L611120</b>	QR-CBC51 (GU5,3) 12V max50W		1,30kg	<b>L612220</b>	HIT-CE (G12) max70W		1,50kg															
CODE	LIGHT SOURCE	CLASS	WEIGHT																									
<b>L611120</b>	QR-CBC51 (GU5,3) 12V max50W		1,30kg																									
<b>L612220</b>	HIT-CE (G12) max70W		1,50kg																									

## AYRTON 156 ACCESSORIES



	<b>M070211</b> Electronic transformer 10-60W, 230-240V/12V. 123x32x23mm. Class II. Dimmable by trailing or leading edge external dimmers.
	<b>M070522</b> Electronic ballast 230-240V. Class I. For HIT 1x70W. 150x30x35mm.


	<b>L621003</b> Mounting box for cut outs in concrete ceilings. For L611120 only.
---	--



BMW, SAN DONATO MILANESE (I), KENZO TANGE.

LUCERI

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# LUCERI



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LUCERI 220 WITH ANTI-DAZZLE CROSS-BLADE LOUVRE



LUCERI 150 WITH LENTICULAR THERMOPLASTIC SCREEN





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LUCERI 290 WITH DECORATIVE FROSTED GLASS

- A RANGE OF RECESSED DOWNLIGHTS USING 1x13W TO 2x42W COMPACT FLUORESCENT LAMPS.
- BODY MADE FROM TECHNOPOLYMERS. REFLECTOR IN VACUUM-METALLISED POLYCARBONATE WITH ANTI-SCRATCH SURFACE TREATMENT.
- DECORATIVE RING MADE FROM ALUMINIUM OR INJECTION MOULDED PLASTIC, AVAILABLE IN 4 COLOUR OPTIONS, WITH OR WITHOUT SCREEN (IP44). FITTING IS MADE BY ONE QUARTER TURN ROTATION.
- 3 RECESS DIAMETER OPTIONS: Ø150MM, Ø220MM AND Ø290MM.
- THE LUCERI RANGE IS AVAILABLE AS LUCERI SYSTEM, WHICH PROVIDES AMPLE POSSIBILITIES OF COMBINING OPTICS AND RINGS, OR AS LUCERI QUICK REFERENCE WHICH OFFERS PREDETERMINED OPTIC AND RING ASSEMBLIES.
- THE LUCERI SCREEN DARK LIGHT OPTIC ENSURES A CONTROLLED LUMINANCE LEVEL OF LESS THAN 200 CD/M<sup>2</sup> FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS, WELL WITHIN THE LIMITS SET BY STANDARD EN 12464-1.
- LOW RECESS DEPTH: FROM 115 TO 145MM DEPENDING ON THE VERSION, FOR CEILINGS OF 1MM TO 35MM THICK.
- LIGHT OUTPUT RATIO: UP TO 60% DEPENDING ON THE VERSION.
- ELECTRONIC BALLAST, WITH OR WITHOUT DIMMING, AND EMERGENCY LIGHTING.
- ELECTRICAL CONNECTION BY MEANS OF QUICK CONNECTORS.
- BRIDGING CONNECTION POSSIBLE.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

# LUCERI SYSTEM



LUCERI 150

LUCERI 220  
FLAT



PLASTIC FRONT



DIE-CAST ALUMINIUM FRONT



ANTI-DAZZLE  
CROSS-BLADE LOUVRE



[www.modulelectro.ru](http://www.modulelectro.ru)

PLASTIC FRONT  
WITH TRANSPARENT GLASS  
IP44



PLASTIC FRONT  
WITH SILKSCREEN PRINTED GLASS  
IP44



PLASTIC FRONT  
WITH PRISMOPTIC DIFFUSER  
IP44

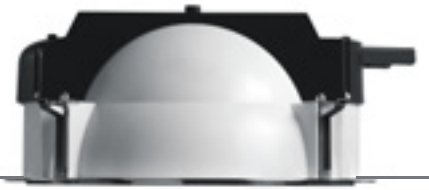


DIE-CAST ALUMINIUM FRONT  
WITH LENTICULAR THERMOPLASTIC SCREEN  
IP44



DIE-CAST ALUMINIUM FRONT  
WITH DECORATIVE FROSTED GLASS  
IP44 (Ø220)





LUCERI 220  
SCREEN

TC-DEL   
TC-TEL 

LUCERI 220  
WALL WASHER

TC-DEL 

LUCERI 290


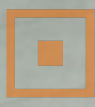
TC-TEL 



**MODULO**  
ELECTRO


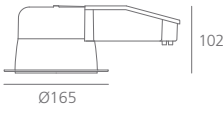
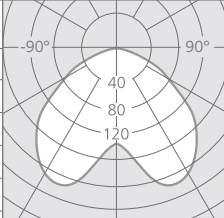




[www.modulelectro.ru](http://www.modulelectro.ru)


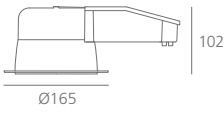
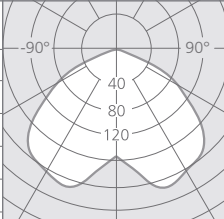






 **MODUL**   
ELECTRO  
[www.modulelectro.ru](http://www.modulelectro.ru)



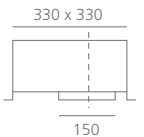


# LUCERI SYSTEM 150 OPTICS

			  IP20/23-44* 850°  03																							
			<table border="1"> <thead> <tr> <th>H<sub>m</sub></th> <th>Ø<sub>m</sub></th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr><td>1</td><td>2,75</td><td>123</td><td>19</td></tr> <tr><td>2</td><td>5,51</td><td>31</td><td>5</td></tr> <tr><td>3</td><td>8,26</td><td>14</td><td>2</td></tr> <tr><td>4</td><td>11,01</td><td>8</td><td>1</td></tr> <tr><td>5</td><td>13,76</td><td>5</td><td>1</td></tr> </tbody> </table>	H <sub>m</sub>	Ø <sub>m</sub>	EMax lux	EM lux	1	2,75	123	19	2	5,51	31	5	3	8,26	14	2	4	11,01	8	1	5	13,76	5
H <sub>m</sub>	Ø <sub>m</sub>	EMax lux	EM lux																							
1	2,75	123	19																							
2	5,51	31	5																							
3	8,26	14	2																							
4	11,01	8	1																							
5	13,76	5	1																							
TC-DEL (G24q-1) 13W = 900lm		<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>L590300</b></td> <td>TC-DEL (G24q-1) 1x13W</td> <td>0,50kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>L590300</b>	TC-DEL (G24q-1) 1x13W	0,50kg																		
CODE	LIGHT SOURCE	WEIGHT																								
<b>L590300</b>	TC-DEL (G24q-1) 1x13W	0,50kg																								

			  IP20/23-44* 850°  03																							
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H <sub>m</sub>	Ø <sub>m</sub>	EMax lux	EM lux																							
1	3,30	185	18																							
2	6,60	46	4																							
3	9,91	21	2																							
4	13,21	12	1																							
5	16,51	7	1																							
TC-TEL (GX24q-2) 18W = 1200lm		<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>L590600</b></td> <td>TC-TEL (GX24q-2) 1x18W</td> <td>0,50kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>L590600</b>	TC-TEL (GX24q-2) 1x18W	0,50kg																		
CODE	LIGHT SOURCE	WEIGHT																								
<b>L590600</b>	TC-TEL (GX24q-2) 1x18W	0,50kg																								

# LUCERI SYSTEM 150 ACCESSORIES

	<b>L591520</b> Die-cast aluminium front. White.		<b>L591220</b> Die-cast aluminium front with lenticular thermoplastic screen. White.
	<b>L591540</b> Grey.		For IP44 850°
	<b>L591570</b> Nickel matt.		Die-cast aluminium front with decorative frosted glass.
	<b>L591590</b> Chrome.		<b>L591320</b> White. <b>L591390</b> Chrome. For IP23 850°
	<b>L621100</b> Mounting box for recess in concrete ceilings.	*IP20= recessed part IP23 or IP44= external part depending on the accessory used	

## LUCERI SYSTEM 220 FLAT OPTICS

			<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr><td>1</td><td>2,71</td><td>246</td><td>43</td></tr> <tr><td>2</td><td>5,43</td><td>61</td><td>11</td></tr> <tr><td>3</td><td>8,14</td><td>27</td><td>5</td></tr> <tr><td>4</td><td>10,85</td><td>15</td><td>3</td></tr> <tr><td>5</td><td>13,56</td><td>10</td><td>2</td></tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	1	2,71	246	43	2	5,43	61	11	3	8,14	27	5	4	10,85	15	3	5	13,56	10	2	<table border="1"> <thead> <tr> <th>Beam Spread</th> <th>Light Source</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td>1x26W spread of beam 2x55°</td> <td>TC-DEL (G24q-3)</td> <td>Cd/Klm</td> </tr> </tbody> </table>	Beam Spread	Light Source	Weight	1x26W spread of beam 2x55°	TC-DEL (G24q-3)	Cd/Klm
			H m	Ø m	EMax lux	EM lux																												
1	2,71	246	43																															
2	5,43	61	11																															
3	8,14	27	5																															
4	10,85	15	3																															
5	13,56	10	2																															
Beam Spread	Light Source	Weight																																
1x26W spread of beam 2x55°	TC-DEL (G24q-3)	Cd/Klm																																
<p>TC-DEL (G24q-3) 26W = 1800lm</p>	<p>IP20/23-44* 850°</p>	<p>Ø220</p>	<p>CODE LIGHT SOURCE WEIGHT</p> <p><b>L597400</b> TC-DEL (G24q-3) 1x26W 0,80kg</p>																															

			<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr><td>1</td><td>2,64</td><td>594</td><td>66</td></tr> <tr><td>2</td><td>5,29</td><td>148</td><td>16</td></tr> <tr><td>3</td><td>7,93</td><td>66</td><td>7</td></tr> <tr><td>4</td><td>10,58</td><td>37</td><td>4</td></tr> <tr><td>5</td><td>13,22</td><td>24</td><td>3</td></tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	1	2,64	594	66	2	5,29	148	16	3	7,93	66	7	4	10,58	37	4	5	13,22	24	3	<table border="1"> <thead> <tr> <th>Beam Spread</th> <th>Light Source</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td>2x17W spread of beam 2x50°</td> <td>TC-TEL (GR14q-1)</td> <td>Cd/Klm</td> </tr> </tbody> </table>	Beam Spread	Light Source	Weight	2x17W spread of beam 2x50°	TC-TEL (GR14q-1)	Cd/Klm
			H m	Ø m	EMax lux	EM lux																												
1	2,64	594	66																															
2	5,29	148	16																															
3	7,93	66	7																															
4	10,58	37	4																															
5	13,22	24	3																															
Beam Spread	Light Source	Weight																																
2x17W spread of beam 2x50°	TC-TEL (GR14q-1)	Cd/Klm																																
<p>TC-DEL (G24q-2/3) 18W = 1200lm 26W = 1800lm</p>	<p>IP20/23-44* 850°</p>	<p>Ø220</p>	<p>CODE LIGHT SOURCE WEIGHT</p> <p><b>L593000</b> TC-TEL (GR14q-1) 2x14W/17W 0,80kg</p> <p><b>L596600</b> TC-DEL (G24q-2) 2x18W 0,80kg</p> <p><b>L596700</b> TC-DEL (G24q-3) 2x26W 0,80kg</p>																															

accessories see page 166

## LUCERI SYSTEM 220 FLAT WITH EMERGENCY (AUTONOMY 1H) - OPTICS

			<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr><td>1</td><td>2,44</td><td>591</td><td>77</td></tr> <tr><td>2</td><td>4,89</td><td>148</td><td>19</td></tr> <tr><td>3</td><td>7,33</td><td>66</td><td>9</td></tr> <tr><td>4</td><td>9,77</td><td>37</td><td>5</td></tr> <tr><td>5</td><td>12,22</td><td>24</td><td>3</td></tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	1	2,44	591	77	2	4,89	148	19	3	7,33	66	9	4	9,77	37	5	5	12,22	24	3	<table border="1"> <thead> <tr> <th>Beam Spread</th> <th>Light Source</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td>2x18W spread of beam 2x50°</td> <td>TC-DEL (G24q-2)</td> <td>Cd/Klm</td> </tr> </tbody> </table>	Beam Spread	Light Source	Weight	2x18W spread of beam 2x50°	TC-DEL (G24q-2)	Cd/Klm
			H m	Ø m	EMax lux	EM lux																												
1	2,44	591	77																															
2	4,89	148	19																															
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<p>TC-DEL (G24q-2/3) 18W = 1200lm 26W = 1800lm</p>	<p>IP20/23-44* 850°</p>	<p>Ø220</p>	<p>CODE LIGHT SOURCE WEIGHT</p> <p><b>L596800</b> TC-DEL (G24q-2) 2x18W + emergency 1h 1,50kg</p> <p><b>L596900</b> TC-DEL (G24q-3) 2x26W + emergency 1h 1,50kg</p>																															

accessories see page 166


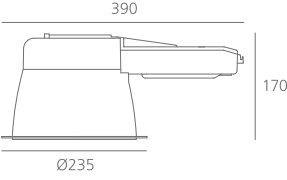

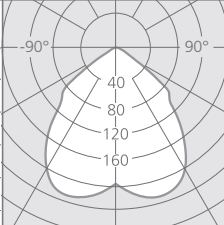
## LUCERI SYSTEM 220 FLAT DIMMABLE - OPTICS

			<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr><td>1</td><td>2,43</td><td>841</td><td>111</td></tr> <tr><td>2</td><td>4,87</td><td>210</td><td>28</td></tr> <tr><td>3</td><td>7,30</td><td>93</td><td>12</td></tr> <tr><td>4</td><td>9,74</td><td>53</td><td>7</td></tr> <tr><td>5</td><td>12,17</td><td>34</td><td>4</td></tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	1	2,43	841	111	2	4,87	210	28	3	7,30	93	12	4	9,74	53	7	5	12,17	34	4	<table border="1"> <thead> <tr> <th>Beam Spread</th> <th>Light Source</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td>2x26W spread of beam 2x50°</td> <td>TC-DEL (G24q-3)</td> <td>Cd/Klm</td> </tr> </tbody> </table>	Beam Spread	Light Source	Weight	2x26W spread of beam 2x50°	TC-DEL (G24q-3)	Cd/Klm
			H m	Ø m	EMax lux	EM lux																												
1	2,43	841	111																															
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<p>TC-DEL (G24q-2/3) 18W = 1200lm 26W = 1800lm</p>	<p>P20/23-44* 850°</p>	<p>Ø220</p>	<p>CODE LIGHT SOURCE WEIGHT</p> <p><b>L593001</b> TC-TEL (GR14q-1) 2x17W dimmable DALI 1,30kg</p> <p><b>L593100</b> TC-DEL (G24q-2) 2x18W dimmable DSI 1,30kg</p> <p><b>L593200</b> TC-DEL (G24q-3) 2x26W dimmable DSI 1,30kg</p>																															

accessories see page 166


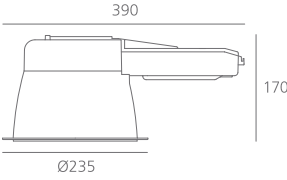

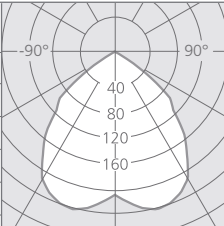
\*IP20= recessed part  
IP23 or IP44= external part depending on the accessory used

## LUCERI SYSTEM 220 SCREEN OPTICS

			<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr><td>1</td><td>1,97</td><td>471</td><td>98</td></tr> <tr><td>2</td><td>3,93</td><td>118</td><td>25</td></tr> <tr><td>3</td><td>5,90</td><td>52</td><td>11</td></tr> <tr><td>4</td><td>7,86</td><td>29</td><td>6</td></tr> <tr><td>5</td><td>9,83</td><td>19</td><td>4</td></tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	1	1,97	471	98	2	3,93	118	25	3	5,90	52	11	4	7,86	29	6	5	9,83	19	4	
			H m	Ø m	EMax lux	EM lux																						
1	1,97	471	98																									
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<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>L594600</b></td> <td>TC-TEL (GR14q-1) 2x14W/17W</td> <td>0,90kg</td> </tr> <tr> <td><b>L597600</b></td> <td>TC-DEL (G24q-2) 2x18W</td> <td>0,90kg</td> </tr> <tr> <td><b>L597700</b></td> <td>TC-DEL (G24q-3) 2x26W</td> <td>0,90kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>L594600</b>	TC-TEL (GR14q-1) 2x14W/17W	0,90kg	<b>L597600</b>	TC-DEL (G24q-2) 2x18W	0,90kg	<b>L597700</b>	TC-DEL (G24q-3) 2x26W	0,90kg																
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<b>L594600</b>	TC-TEL (GR14q-1) 2x14W/17W	0,90kg																										
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<p>TC-DEL (G24q-2/3) 18W = 1200lm 26W = 1800lm</p>	<p>IP20/23-44* 850°</p>	<p>Ø220</p>	<p>2x18W spread of beam 2x45°</p>	<p>TC-DEL (G24q-2) Cd/Klm</p>																								
<p>TC-TEL (GR14q-1) 14W = 1200lm 17W = 1500lm</p>			<p>2x18W spread of beam 2x45°</p>	<p>TC-DEL (G24q-2) Cd/Klm</p>																								


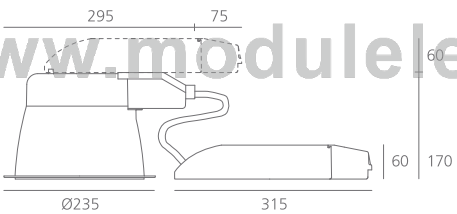

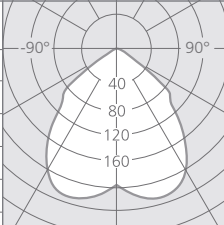
accessories see page 166

## LUCERI SYSTEM 220 SCREEN WITH EMERGENCY (AUTONOMY 1H) - OPTICS

			<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr><td>1</td><td>2,03</td><td>751</td><td>148</td></tr> <tr><td>2</td><td>4,06</td><td>188</td><td>37</td></tr> <tr><td>3</td><td>6,08</td><td>83</td><td>16</td></tr> <tr><td>4</td><td>8,11</td><td>47</td><td>9</td></tr> <tr><td>5</td><td>10,14</td><td>30</td><td>6</td></tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	1	2,03	751	148	2	4,06	188	37	3	6,08	83	16	4	8,11	47	9	5	10,14	30	6	
			H m	Ø m	EMax lux	EM lux																						
1	2,03	751	148																									
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<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>L597900</b></td> <td>TC-DEL (G24q-3) 2x26W + emergency 1h</td> <td>1,60kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>L597900</b>	TC-DEL (G24q-3) 2x26W + emergency 1h	1,60kg																						
CODE	LIGHT SOURCE	WEIGHT																										
<b>L597900</b>	TC-DEL (G24q-3) 2x26W + emergency 1h	1,60kg																										
<p>TC-DEL (G24q-3) 26W = 1800lm</p>	<p>IP20/23-44* 850°</p>	<p>Ø220</p>	<p>2x26W spread of beam 2x45°</p>	<p>TC-DEL (G24q-3) Cd/Klm</p>																								
<p>TC-DEL (G24q-3) 26W = 1800lm</p>			<p>2x26W spread of beam 2x45°</p>	<p>TC-DEL (G24q-3) Cd/Klm</p>																								


accessories see page 166

## LUCERI SYSTEM 220 SCREEN DIMMABLE - OPTICS


			<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr><td>1</td><td>1,97</td><td>471</td><td>98</td></tr> <tr><td>2</td><td>3,93</td><td>118</td><td>25</td></tr> <tr><td>3</td><td>5,90</td><td>52</td><td>11</td></tr> <tr><td>4</td><td>7,86</td><td>29</td><td>6</td></tr> <tr><td>5</td><td>9,83</td><td>19</td><td>4</td></tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	1	1,97	471	98	2	3,93	118	25	3	5,90	52	11	4	7,86	29	6	5	9,83	19	4	
			H m	Ø m	EMax lux	EM lux																						
1	1,97	471	98																									
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<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>L594601</b></td> <td>TC-TEL (GR14q-1) 2x17W dimmable DALI</td> <td>1,40kg</td> </tr> <tr> <td><b>L594700</b></td> <td>TC-DEL (G24q-2) 2x18W dimmable DSI</td> <td>1,40kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>L594601</b>	TC-TEL (GR14q-1) 2x17W dimmable DALI	1,40kg	<b>L594700</b>	TC-DEL (G24q-2) 2x18W dimmable DSI	1,40kg																			
CODE	LIGHT SOURCE	WEIGHT																										
<b>L594601</b>	TC-TEL (GR14q-1) 2x17W dimmable DALI	1,40kg																										
<b>L594700</b>	TC-DEL (G24q-2) 2x18W dimmable DSI	1,40kg																										
<p>TC-DEL (G24q-2/3) 18W = 1200lm 26W = 1800lm</p>	<p>IP20/23-44* 850°</p>	<p>Ø220</p>	<p>2x18W spread of beam 2x45°</p>	<p>TC-DEL (G24q-2) Cd/Klm</p>																								
<p>TC-TEL (GR14q-1) 17W = 1500lm</p>			<p>2x26W spread of beam 2x45°</p>	<p>TC-DEL (G24q-3) Cd/Klm</p>																								
<p>TC-DEL (G24q-3) 26W = 1800lm</p>	<p>IP20/23-44* 850°</p>	<p>Ø220</p>	<p>2x26W spread of beam 2x45°</p>	<p>TC-DEL (G24q-3) Cd/Klm</p>																								
<p>TC-DEL (G24q-3) 26W = 1800lm</p>			<p>2x26W spread of beam 2x45°</p>	<p>TC-DEL (G24q-3) Cd/Klm</p>																								

accessories see page 166

\*IP20= recessed part  
IP23 or IP44= external part depending on the accessory used


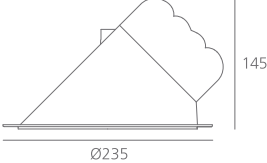

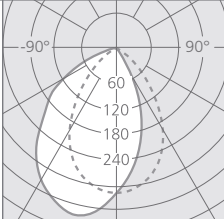
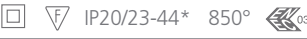

  
ELECTRO  
[www.modulelectro.ru](http://www.modulelectro.ru)





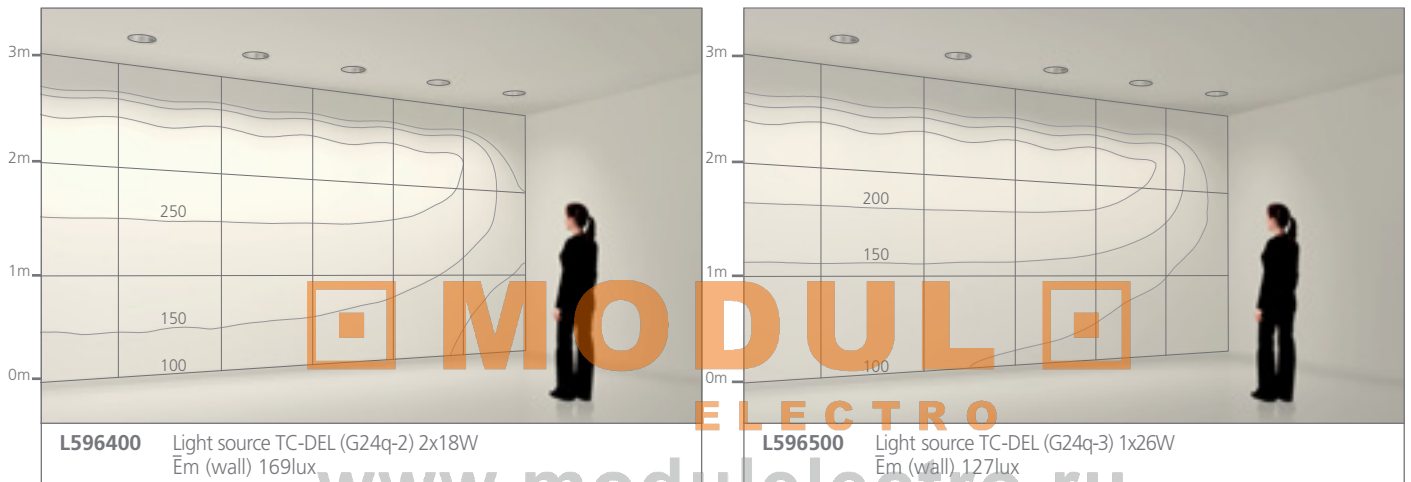
**MODUL**  
ELECTRO  
[www.modulelectro.ru](http://www.modulelectro.ru)

## LUCERI SYSTEM 220 WALL WASHER OPTICS









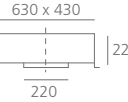
															
					TC-DEL (G24q-1) <b>Cd/Klm</b>										
TC-DEL (G24q-1/2/3)  13W = 900lm 18W = 1200lm 26W = 1800lm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>L596300</b></td> <td>TC-DEL (G24q-1) 2x13W</td> <td>1,30kg</td> </tr> <tr> <td><b>L596400</b></td> <td>TC-DEL (G24q-2) 2x18W</td> <td>1,30kg</td> </tr> <tr> <td><b>L596500</b></td> <td>TC-DEL (G24q-3) 1x26W</td> <td>1,20kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>L596300</b>	TC-DEL (G24q-1) 2x13W	1,30kg	<b>L596400</b>	TC-DEL (G24q-2) 2x18W	1,30kg	<b>L596500</b>	TC-DEL (G24q-3) 1x26W	1,20kg		
CODE	LIGHT SOURCE	WEIGHT													
<b>L596300</b>	TC-DEL (G24q-1) 2x13W	1,30kg													
<b>L596400</b>	TC-DEL (G24q-2) 2x18W	1,30kg													
<b>L596500</b>	TC-DEL (G24q-3) 1x26W	1,20kg													

## LUCERI SYSTEM 220 WALL WASHER ISOLUX


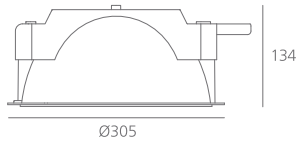
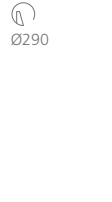
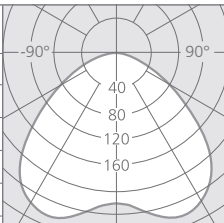
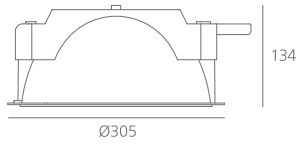

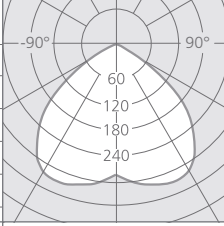
Calculation parameters for issuing isolux curve diagrams: Length x height 10,00x3,00m. Distance from wall to illuminate 1,00m. Distance from side wall 1,00m. Distance between luminaires 1,00m. Reflectance factors ceiling/walls/floor 70/50/20%. Maintenance factor 0,90WF.





## LUCERI SYSTEM 220 ACCESSORIES

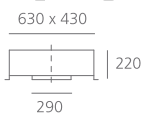
	Die-cast aluminium front. <b>L597520</b> White. <b>L597540</b> Grey. <b>L597570</b> Nickel matt. <b>L597590</b> Chrome. For IP23 850°		Plastic front with transparent glass. <b>L599820</b> White. <b>L599840</b> Grey. <b>L599870</b> Nickel matt. <b>L599890</b> Chrome. For IP44 650°
	Plastic front. <b>L599620</b> White. <b>L599640</b> Grey. <b>L599670</b> Nickel matt. <b>L599690</b> Chrome. For IP23 650°		Plastic front with silkscreen printed glass. <b>L599720</b> White. <b>L599740</b> Grey. <b>L599770</b> Nickel matt. <b>L599790</b> Chrome. For IP44 650°
	<b>L599900</b> Anti-dazzle cross-blade louvre (use with LUCERI 220 flat series, only in combination with the front models L5975.0 and L5996.0). For IP23		<b>L597220</b> Die-cast aluminium front with lenticular thermoplastic screen. White. For IP44 850°
	<b>L599120</b> Plastic front with Prismoptic diffuser. White. For IP44 650°		Die-cast aluminium front with decorative frosted glass. <b>L597320</b> White. <b>L597390</b> Chrome. For IP44 850°
	<b>L621101</b> Mounting box for recess in concrete ceilings.	*IP20= recessed part IP23 or IP44= external part depending on the accessory used	

# LUCERI SYSTEM 290 OPTICS

			<table border="1"> <thead> <tr> <th>H<sub>m</sub></th> <th>Ø<sub>m</sub></th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr><td>1</td><td>2,61</td><td>1074</td><td>140</td></tr> <tr><td>2</td><td>5,21</td><td>269</td><td>35</td></tr> <tr><td>3</td><td>7,82</td><td>119</td><td>16</td></tr> <tr><td>4</td><td>10,43</td><td>67</td><td>9</td></tr> <tr><td>5</td><td>13,03</td><td>43</td><td>6</td></tr> </tbody> </table>	H <sub>m</sub>	Ø <sub>m</sub>	EMax lux	EM lux	1	2,61	1074	140	2	5,21	269	35	3	7,82	119	16	4	10,43	67	9	5	13,03	43	6	
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# LUCERI SYSTEM 290 ACCESSORIES


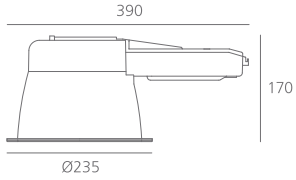

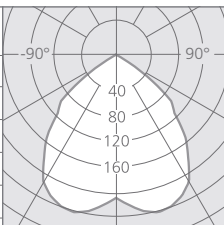
	<p>Die-cast aluminium front.</p> <p><b>L599520</b> White. <b>L599540</b> Grey. <b>L599570</b> Nickel matt. <b>L599590</b> Chrome.</p>		<p>Die-cast aluminium front with decorative frosted glass.</p> <p><b>L599320</b> White. <b>L599390</b> Chrome.</p>
	<p>For IP23 850°</p>		<p>For IP23 850°</p> <p><b>L621102</b> Mounting box for recess in concrete ceilings.</p>






AUDI, GLASGOW (GB), SDA ARCHITECTS.



# LUCERI 220 SCREEN QUICK REFERENCE

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 IP20/23

TC-DEL (G24q-2/3)   
 18W = 1200lm  
 26W = 1800lm

2x26W spread of beam 2x45°      TC-DEL (G24q-3)    **Cd/Klm**

Comes complete with open plastic front.


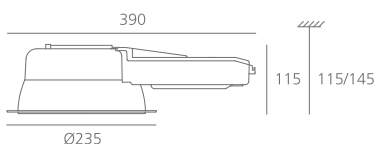
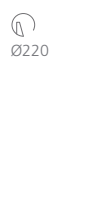
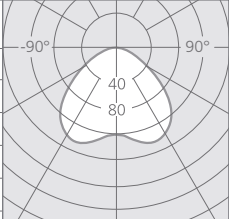



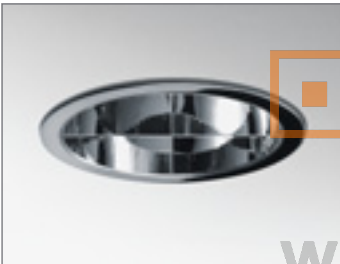
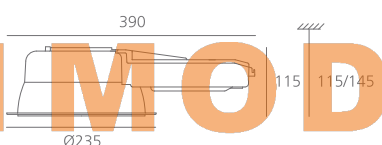

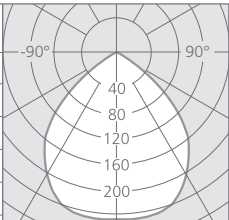


  
**MODULO**
  
 ELECTRO
   
[www.modulelectro.ru](http://www.modulelectro.ru)

CONDE NAST, MILAN (I), PROGETTO CMR.

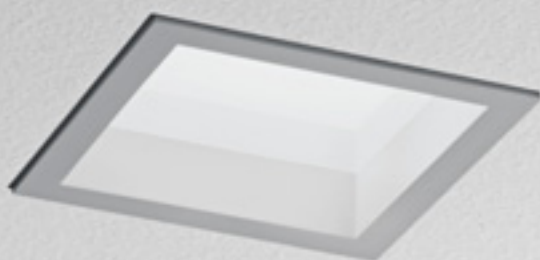
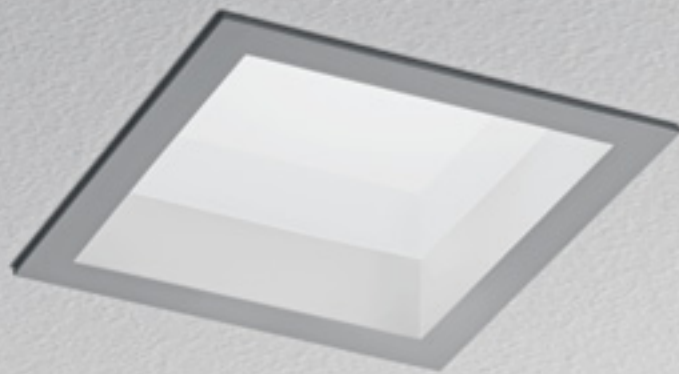


# LUCERI 220 FLAT QUICK REFERENCE

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<b>L596780</b>	TC-DEL (G24q-3) 2x26W	nickel matt	1,00kg																																													
Comes complete with plastic front and anti-dazzle cross-blade.																																																

# LUCERI KADRO




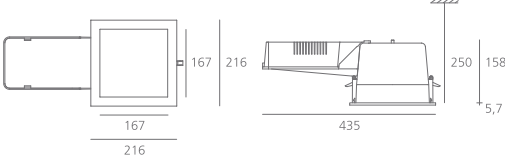
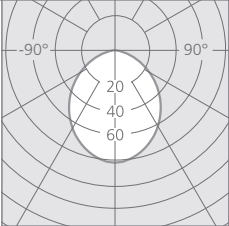


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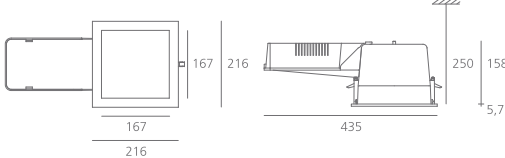
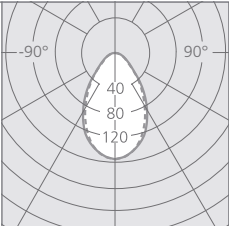




- RECESSED LUMINAIRE USING 2x14/17W AND 2x26W COMPACT FLUORESCENT LAMPS.
- 2 DIFFUSED LIGHTING OPTIONS: WITH OPALINE POLYCARBONATE OR PRISMOPTIC DIFFUSER.
- STEEL BODY.
- LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS.
- ELECTRONIC CONTROL GEAR OR DALI-SWITCHDIM DIMMABLE ELECTRONIC CONTROL GEAR.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

## LUCERI KADRO DIFFUSER

			204x186 TC-DEL (G24q-3) <b>Cd/Klm</b>
TC-DEL (G24q-3) 26W = 1800lm		<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	
		<b>M025320</b> TC-DEL (G24q-3) 2x26W non dimmable	1,40kg
TC-TEL (GR14q-1) 14W = 1200lm 17W = 1500lm		<b>M025420</b> TC-TEL (GR14q-1) 2x14W/17W non dimmable	1,40kg
		<b>M025321</b> TC-DEL (G24q-3) 2x26W dimmable DALI	1,40kg
		<b>M025421</b> TC-TEL (GR14q-1) 2x17W dimmable DALI	1,40kg

## LUCERI KADRO PRISMOPTIC

			204x186 TC-DEL (G24q-3) <b>Cd/Klm</b>
TC-DEL (G24q-3) 26W = 1800lm		<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	
		<b>M025520</b> TC-DEL (G24q-3) 2x26W non dimmable	1,40kg
TC-TEL (GR14q-1) 14W = 1200lm 17W = 1500lm		<b>M025620</b> TC-TEL (GR14q-1) 2x14W/17W non dimmable	1,40kg
		<b>M025521</b> TC-DEL (G24q-3) 2x26W dimmable DALI	1,40kg
		<b>M025621</b> TC-TEL (GR14q-1) 2x17W dimmable DALI	1,40kg



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## LUCERI KADRO ACCESSORIES

<b>INTERACTIVE-DALI TECHNOLOGY</b>	INTERACTIVE-DALI components: see page 6.
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# SOLAR

design ERIC SOLÉ

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# SOLAR



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- RECESSED LUMINAIRE WITH SOFT LIGHT EMISSION, FOR 1x55W TC-DDELI FLUORESCENT LAMP.
- STEEL BODY WITH WHITE PAINT FINISH.
- INTERNAL REFLECTOR IN METALLIZED THERMOPLASTIC.
- FOR INSTALLATION INTO FALSE CEILING SYSTEMS WITH 600x600MM AND 625x625MM MODULES, SUPPORTED BY THE STRUCTURE ITSELF OR BY MEANS OF AN OPTIONAL SUSPENSION KIT, OR INTO PLASTERBOARD FALSE CEILINGS USING A SPECIAL RECESS FRAME (TO BE ORDERED SEPARATELY).
- ELECTRICAL CONNECTION MADE VIA QUICK CONNECTORS.
- LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS.
- LIGHT OUTPUT RATIO: 54%.
- ELECTRONIC OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST. OPTIONAL EMERGENCY LIGHTING.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.



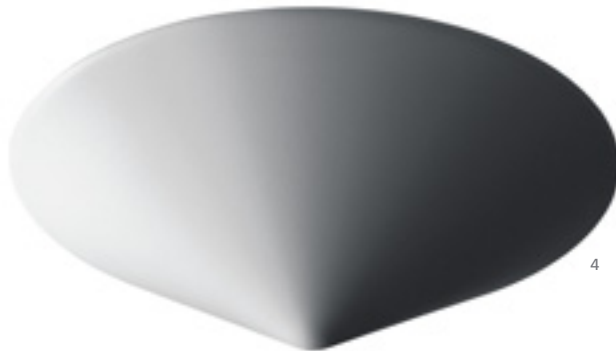
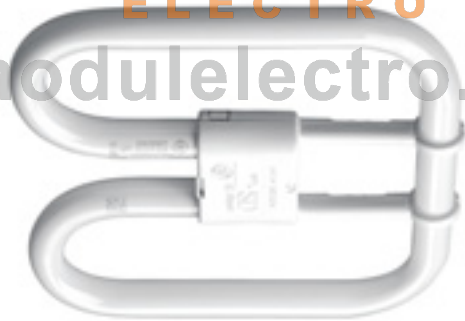
ABOVE, PAGE 176 AND 177: HQ'S MASERATI, MODENA (I), STUDIO STURCHIO ARCHITECTS & DESIGNERS.



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- 1 QUICK CONNECTOR.
- 2 PRESSED STEEL SOFT LIGHT BODY WITH WHITE PAINT FINISH.
- 3 LIGHT SOURCE TC-DDELI (GR10q3).
- 4 CONE (SOLAR) OR ELLIPSE (SOLAR II) WITH INTEGRAL INTERNAL REFLECTOR.



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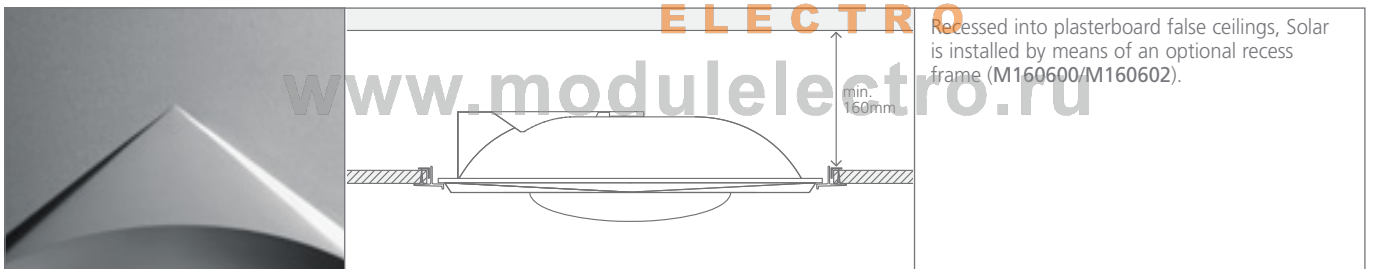
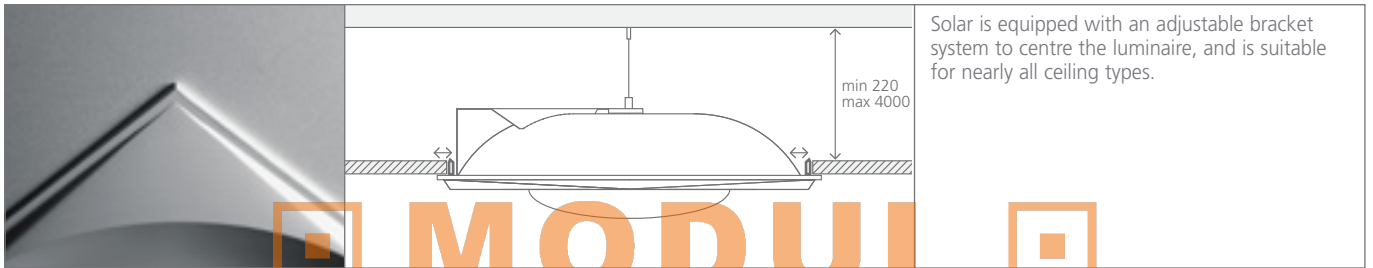
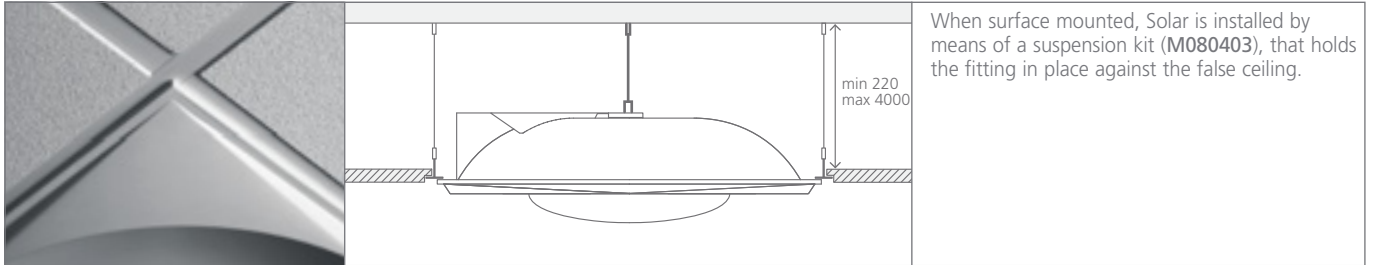
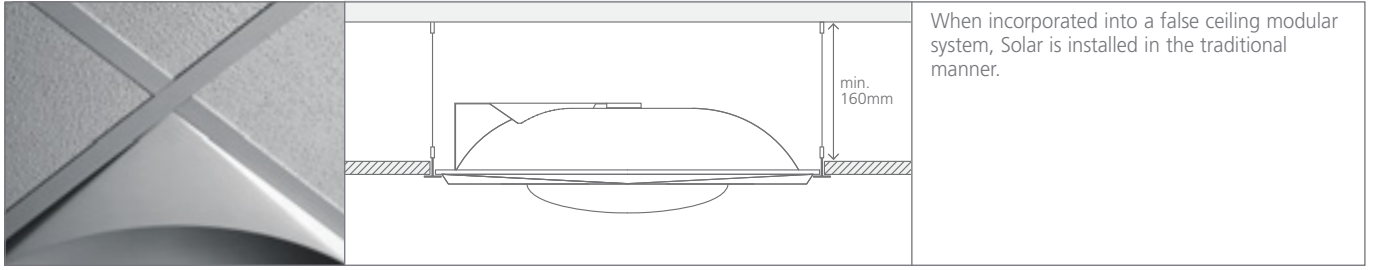




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## SOLAR INSTALLATION




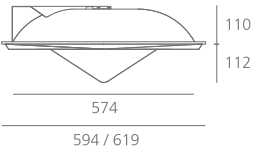
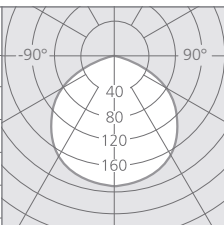





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## SOLAR - SOLAR II ACCESSORIES


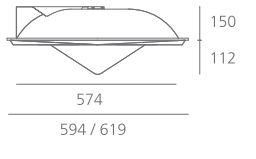
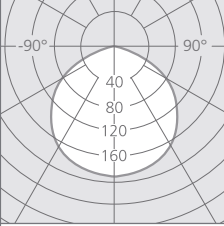





	<b>M080403</b> Suspension kit.
	Recess frame for installation into plaster false ceiling. <b>M160600</b> 600x600mm. □ 606x606mm. 0,90kg. <b>M160602</b> 625x625mm. □ 633x633mm. 0,94kg.

<b>INTERACTIVE-DALI TECHNOLOGY</b>	<b>INTERACTIVE-DALI components:</b> see page 6.
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## SOLAR


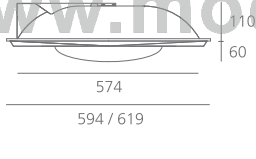
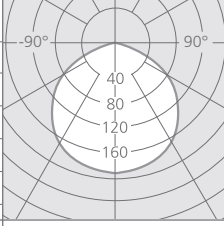





		<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr><td>1</td><td>3,01</td><td>741</td><td>179</td></tr> <tr><td>2</td><td>6,03</td><td>185</td><td>45</td></tr> <tr><td>3</td><td>9,04</td><td>82</td><td>20</td></tr> <tr><td>4</td><td>12,06</td><td>46</td><td>11</td></tr> <tr><td>5</td><td>15,07</td><td>30</td><td>7</td></tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	1	3,01	741	179	2	6,03	185	45	3	9,04	82	20	4	12,06	46	11	5	15,07	30	7	
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<p>   IP20              white         </p>	spread of beam 2x56°	TC-DDELI (GR10q3) Cd/Klm																									
TC-DDELI (GR10q3) 55W = 3900lm	<b>CODE</b> <b>LIGHT SOURCE</b>		<b>FALSE CEILING</b>	<b>WEIGHT</b>																							
	<b>M034500</b>	TC-DDELI (GR10q3) 1x55W non dimmable	600x600mm	5,60kg																							
	<b>M034507</b>	TC-DDELI (GR10q3) 1x55W non dimmable + emergency 1h	600x600mm	6,20kg																							
	<b>M035100</b>	TC-DDELI (GR10q3) 1x55W non dimmable	625x625mm	5,70kg																							

## SOLAR DIMMABLE


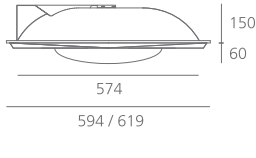
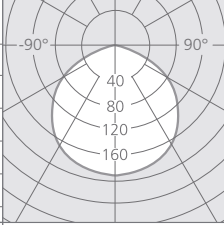





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TC-DDELI (GR10q3) 55W = 3900lm	<b>CODE</b> <b>LIGHT SOURCE</b>		<b>FALSE CEILING</b>	<b>WEIGHT</b>																							
	<b>M036000</b>	TC-DDELI (GR10q3) 1x55W dimmable DALI	600x600mm	5,60kg																							
	<b>M033300</b>	TC-DDELI (GR10q3) 1x55W dimmable DALI	625x625mm	5,70kg																							

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## SOLAR II

		<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr><td>1</td><td>3,01</td><td>741</td><td>179</td></tr> <tr><td>2</td><td>6,03</td><td>185</td><td>45</td></tr> <tr><td>3</td><td>9,04</td><td>82</td><td>20</td></tr> <tr><td>4</td><td>12,06</td><td>46</td><td>11</td></tr> <tr><td>5</td><td>15,07</td><td>30</td><td>7</td></tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	1	3,01	741	179	2	6,03	185	45	3	9,04	82	20	4	12,06	46	11	5	15,07	30	7	
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TC-DDELI (GR10q3) 55W = 3900lm	<b>CODE</b> <b>LIGHT SOURCE</b>		<b>FALSE CEILING</b>	<b>WEIGHT</b>																							
	<b>M035500</b>	TC-DDELI (GR10q3) 1x55W non dimmable	600x600mm	5,60kg																							
	<b>M035507</b>	TC-DDELI (GR10q3) 1x55W non dimmable + emergency 1h	600x600mm	6,20kg																							
	<b>M035700</b>	TC-DDELI (GR10q3) 1x55W non dimmable	625x625mm	5,70kg																							

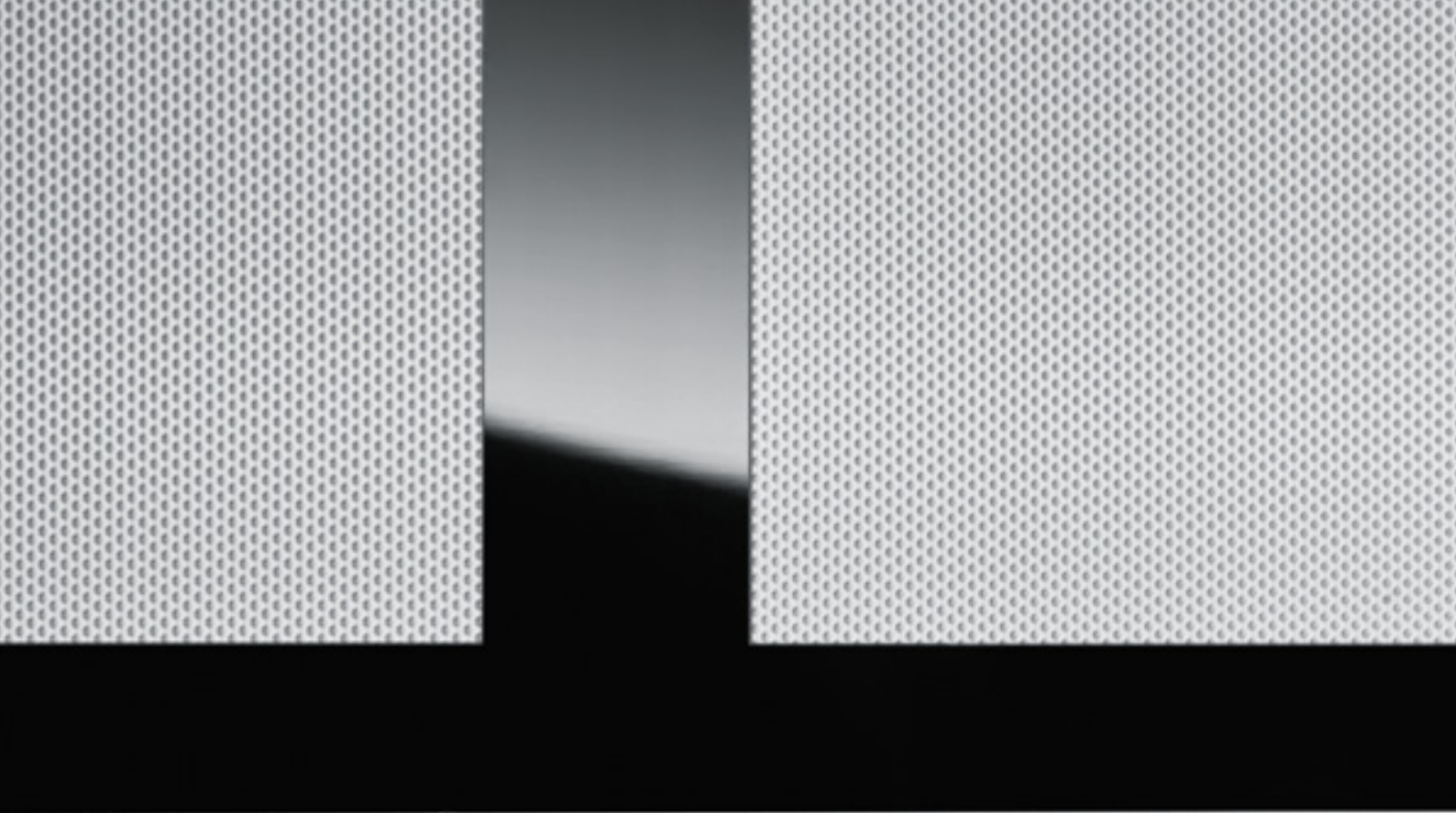
## SOLAR II DIMMABLE

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TC-DDELI (GR10q3) 55W = 3900lm	<b>CODE</b> <b>LIGHT SOURCE</b>		<b>FALSE CEILING</b>	<b>WEIGHT</b>																							
	<b>M036100</b>	TC-DDELI (GR10q3) 1x55W dimmable DALI	600x600mm	5,60kg																							
	<b>M033400</b>	TC-DDELI (GR10q3) 1x55W dimmable DALI	625x625mm	5,70kg																							

# BOLERO

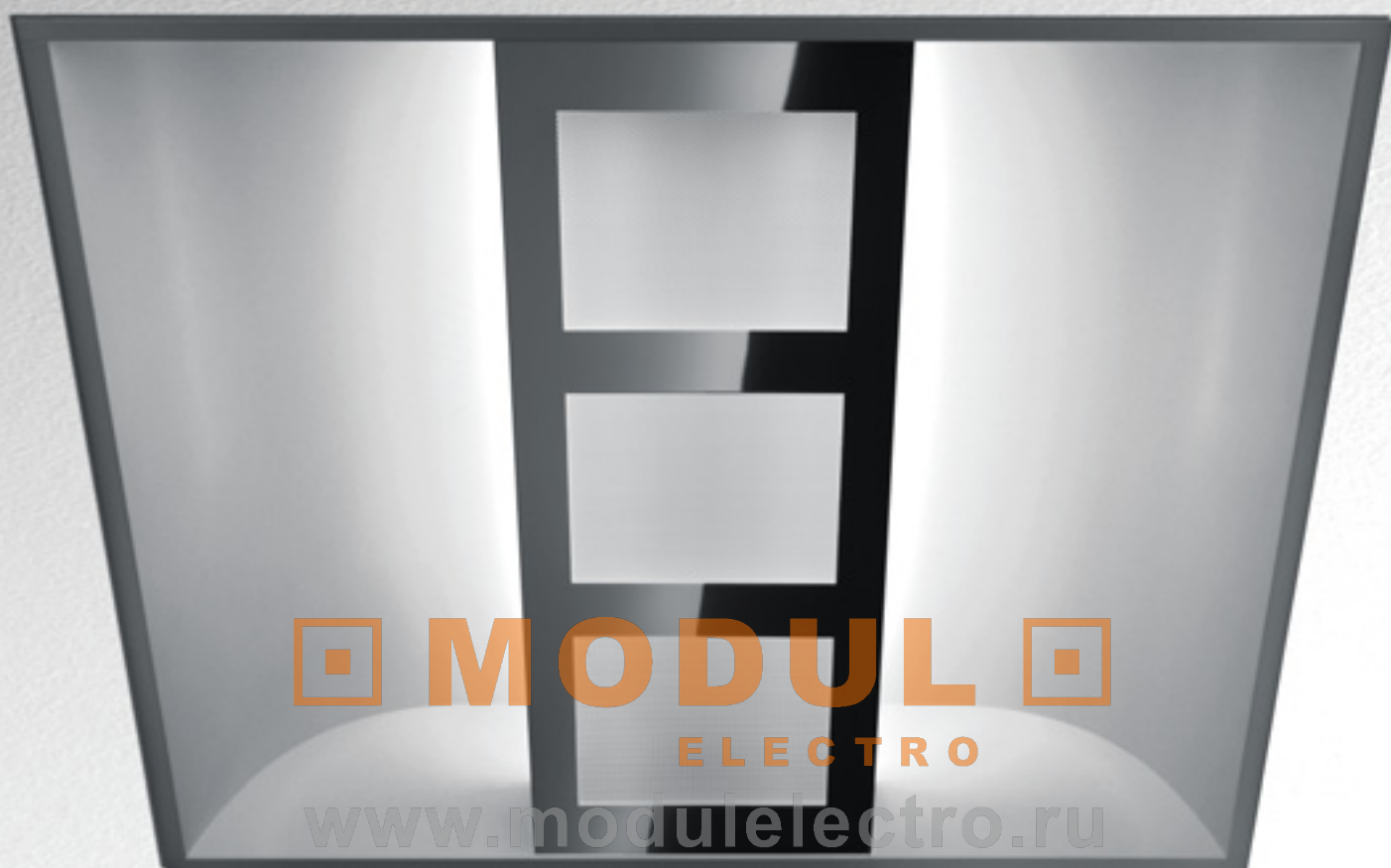
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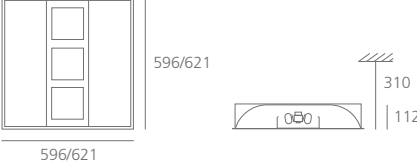
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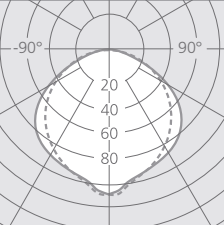


- RECESSED LUMINAIRE USING 2x55W TC-LFL FLUORESCENT LAMPS.
- MAIN REFLECTOR IN STEEL WITH A WHITE PAINT FINISH.
- POLISHED ALUMINIUM SCREEN EQUIPPED WITH A PRISMOPTIC POLYCARBONATE DIFFUSER.
- FOR INSTALLATION INTO FALSE CEILING SYSTEMS WITH 600x600MM AND 625x625MM MODULES, OR INTO PLASTERBOARD FALSE CEILINGS USING A SPECIAL RECESSING FRAME (OPTIONAL).
- LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS.
- ELECTRONIC OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST. OPTIONAL EMERGENCY LIGHTING.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

# BOLERO







⊕ ⚡ IP20 850° ○ white

TC-LEL (2G11) 55W = 4800lm		CODE	LIGHT SOURCE	FALSE CEILING	WEIGHT
		<b>M162400</b>	TC-LEL (2G11) 2x55W non dimmable	600x600mm	6,90kg
		<b>M162401</b>	TC-LEL (2G11) 2x55W dimmable DALI	600x600mm	6,90kg
		<b>M162407</b>	TC-LEL (2G11) 2x55W non dimmable + emergency 1h	600x600mm	7,50kg
		<b>M162402</b>	TC-LEL (2G11) 2x55W non dimmable	625x625mm	7,30kg
		<b>M162421</b>	TC-LEL (2G11) 2x55W dimmable DALI	625x625mm	7,30kg

## BOLERO ACCESSORIES



Recess frame for installation into plaster false ceiling.

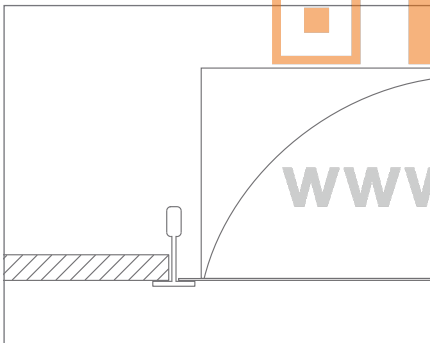
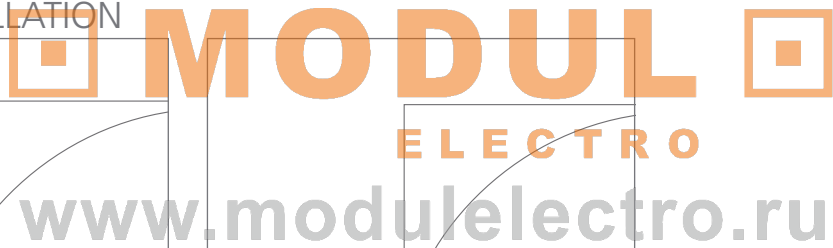
**M160600** 600x600mm.  606x606mm. 0,90kg

**M160602** 625x625mm.  633x633mm. 0,94kg

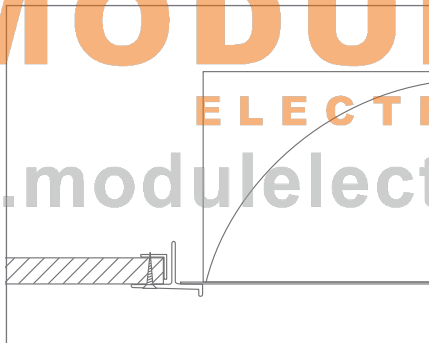
**INTERACTIVE-DALI TECHNOLOGY**

INTERACTIVE-DALI components: see page 6.

## BOLERO INSTALLATION



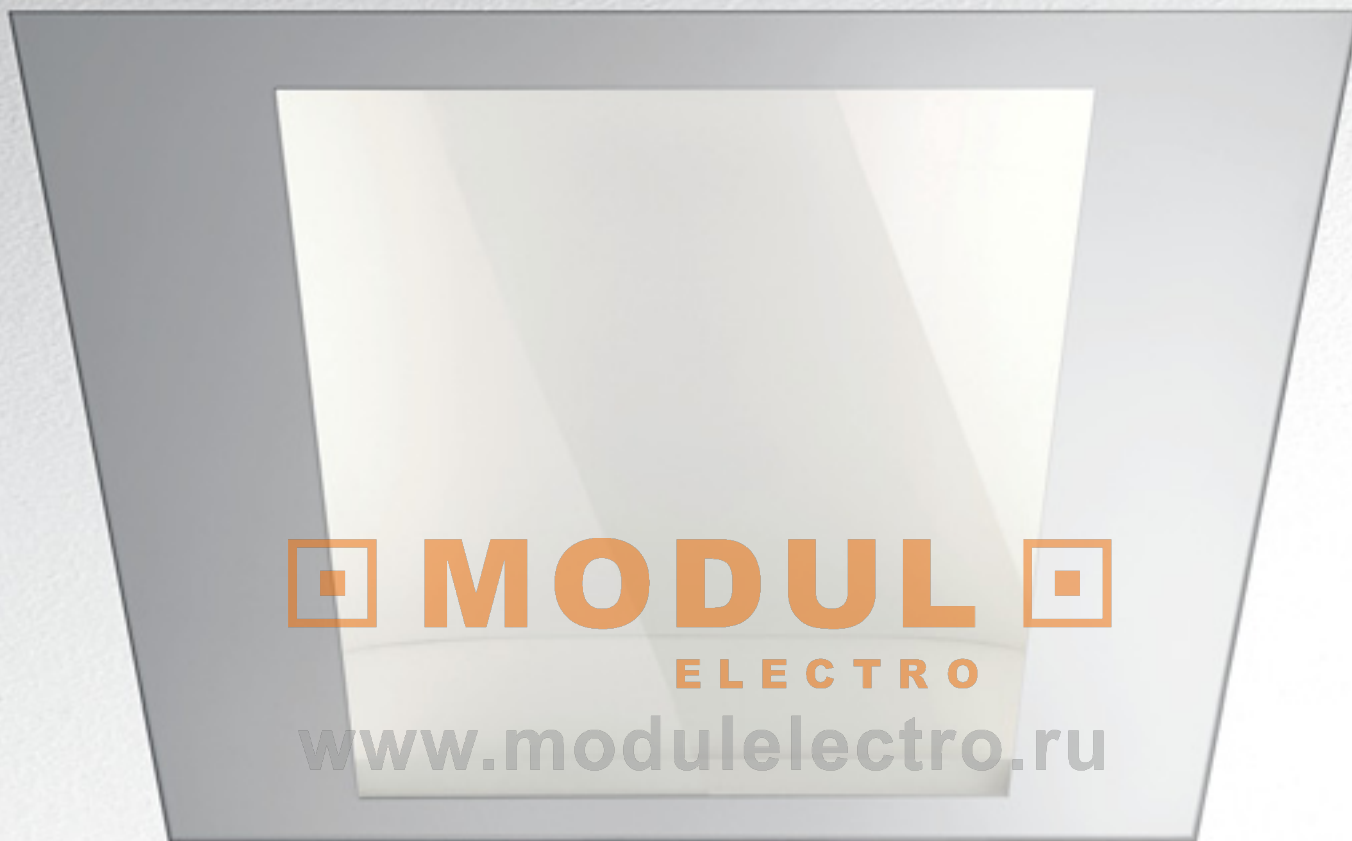
INSTALLATION WITH LUMINAIRE INCORPORATED INTO THE 600/625 MODULAR CEILING STRUCTURE.



INSTALLATION INTO PLASTER CEILING WITH OPTIONAL RECESS FRAME (M160600 OR M160602).

# ALTOP


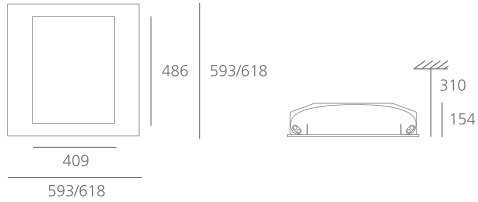
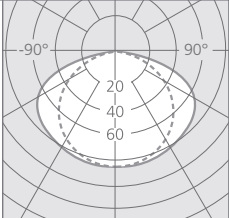


design ERNESTO GISMONDI




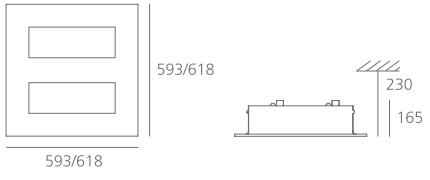
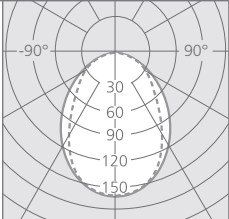


- RECESSED LUMINAIRES USING FLUORESCENT 2x36W AND 2x55W TC-LEL FLUORESCENT LAMPS.
- STEEL BODY WITH WHITE PAINT FINISH. OTHER COLOURS ON REQUEST.
- 2 VERSIONS AVAILABLE: DIFFUSED LIGHTING WITH SANDED GLASS DIFFUSER, AND SOFT LIGHT VERSION WITH OPTIONAL TRANSPARENT POLYCARBONATE DUST-PROTECTION SCREEN.
- SUITABLE FOR INSTALLATION INTO FALSE CEILING SYSTEMS WITH EITHER 600x600MM OR 625x625MM MODULES, (THE LUMINAIRES CAN BE SUPPORTED BY THE STRUCTURE ITSELF OR BY MEANS OF OPTIONAL FIXING BRACKETS), OR INTO PLASTERBOARD FALSE CEILINGS USING A SPECIAL RECESSING FRAME (TO BE ORDERED SEPARATELY).
- LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS.
- INTEGRAL ELECTRONIC BALLAST OR DALI-SWITCHDIM DIMMABLE BALLAST, AND EMERGENCY LIGHTING.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.






## ALTOP SOFT LIGHT

			TC-LEL (2G11)    Cd/Klm	
			TC-LEL (2G11)    Cd/Klm	
TC-LEL (2G11) 55W = 4800lm	  IP20    850°    ○ white	<b>CODE</b> <b>LIGHT SOURCE</b> <b>FALSE CEILING</b> <b>WEIGHT</b>		
	<b>M163320</b> TC-LEL (2G11) 2x55W non dimmable	600x600mm	7,90kg	
	<b>M163321</b> TC-LEL (2G11) 2x55W dimmable DALI	600x600mm	7,90kg	
	<b>M163327</b> TC-LEL (2G11) 2x55W non dimmable + emergency 1h	600x600mm	8,50kg	
	<b>M163322</b> TC-LEL (2G11) 2x55W non dimmable	625x625mm	8,30kg	
	<b>M163324</b> TC-LEL (2G11) 2x55W dimmable DALI	625x625mm	8,30kg	
Optional polycarbonate screen (M163400: see below).				

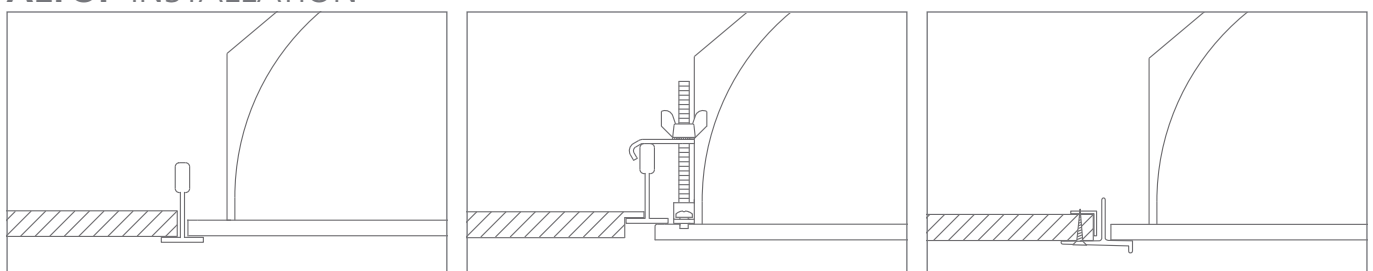
## ALTOP DIFFUSER

			TC-LEL (2G11)    Cd/Klm	
			TC-LEL (2G11)    Cd/Klm	
TC-LEL (2G11) 36W = 2900lm	  IP20    960°    ○ white	<b>CODE</b> <b>LIGHT SOURCE</b> <b>FALSE CEILING</b> <b>WEIGHT</b>		
	<b>M163120</b> TC-LEL (2G11) 2x36W non dimmable	600x600mm	8,30kg	
	<b>M163127</b> TC-LEL (2G11) 2x36W non dimmable + emergency 1h	600x600mm	9,25kg	
	<b>M163122</b> TC-LEL (2G11) 2x36W non dimmable	625x625mm	8,65kg	

## ALTOP ACCESSORIES

	<b>M163520</b> Fixing brackets (set of 4). Suitable whenever access to false ceiling is possible from above.		<b>M163400</b> Polycarbonate transparent screen (for Aلتop SOFT LIGHT).
	Recess frame for installation into plaster false ceiling. <b>M160600</b> 600x600mm. □ 606x606mm. 0,90kg. <b>M160602</b> 625x625mm. □ 633x633mm. 0,94kg.	INTERACTIVE-DALI TECHNOLOGY	INTERACTIVE-DALI components: see page 6.

## ALTOP INSTALLATION





INSTALLATION INTO FALSE CEILING SYSTEMS WITH 600x600MM OR 625x625MM MODULES: LUMINAIRE SUPPORTED BY THE STRUCTURE ITSELF.



INSTALLATION INTO FALSE CEILING SYSTEMS WITH 600x600MM OR 625x625MM MODULES BY MEANS OF FIXING BRACKETS (M163520 OPTIONAL).

INSTALLATION INTO PLASTERBOARD FALSE CEILING USING A SPECIAL RECESS FRAME (M160600 OR M160602 OPTIONAL).

# CHOCOLATE

design A.G LICHT

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# CHOCOLATE FLOOR




**MODUL**  
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- FLOOR LAMP WITH DIRECT-INDIRECT LIGHTING USING 4x24W OR 6x24W T16 AND 2x55W TC-LEL LIGHT SOURCE.
- OPTICAL UNIT AND POLE MADE OF PAINTED ALUMINUM.
- PAINTED STEEL BASE.
- 2 COLOURS: MOKA AND WHITE.
- OPTICS MADE OF TRANSPARENT POLYCARBONATE FITTED WITH A PRISMOPTIC TYPE DIFFUSER.
- LIGHT OUTPUT RATIO: 77% (TC-LEL VERSION) AND 67% (T16).
- LIGHT DISTRIBUTION: 32% DIRECT AND 68% INDIRECT (TC-LEL VERSION), 34% DIRECT AND 66% INDIRECT (T16).
- 4 LEVELS OF ELECTRONIC LIGHT MANAGEMENT DEPENDING ON THE VERSION: ELECTRONIC BALLAST WITH POWER SWITCH, DIMMING CONTROL WITH MANUAL LIGHT INTENSITY ADJUSTMENT, MOVEMENT DETECTION WITH TIME-DELAYED OFF CONTROL, AND INTERACTIVE-DALI SYSTEM COMBINING A MOVEMENT DETECTOR AND A DAYLIGHT SENSOR FOR AUTO-REGULATION IN RELATION TO PEOPLE PRESENCE AND VARIATIONS IN DAYLIGHT.
- POLYCARBONATE DUST PROTECTION SCREEN TO BE ORDERED SEPARATELY.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.






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## CHOCOLATE FLOOR T16

IP20 ● moka 1 ○ white 2

T16-HO/FQ (G5) 24W = 1750lm	CODE	LIGHT SOURCE	WEIGHT
	M1639.0	T16 (G5) 4x24W non dimmable	13,50kg
	M1639.1	T16 (G5) 4x24W dimmable	13,50kg
	M1639.6	T16 (G5) 4x24W INTERACTIVE-DALI	13,70kg
	M1639.9	T16 (G5) 4x24W movement detector	13,50kg
	M1641.0	T16 (G5) 6x24W non dimmable	13,80kg
	M1641.1	T16 (G5) 6x24W dimmable	13,80kg
	M1641.6	T16 (G5) 6x24W INTERACTIVE-DALI	14,00kg
	M1641.9	T16 (G5) 6x24W movement detector	13,80kg

## CHOCOLATE FLOOR TC-LEL

IP20 ● moka 1 ○ white 2

TC-LEL (2G11) 55W = 4800lm	CODE	LIGHT SOURCE	WEIGHT
	M1638.0	TC-LEL (2G11) 2x55W non dimmable	13,50kg
	M1638.1	TC-LEL (2G11) 2x55W dimmable	13,50kg
	M1638.6	TC-LEL (2G11) 2x55W INTERACTIVE-DALI	13,70kg

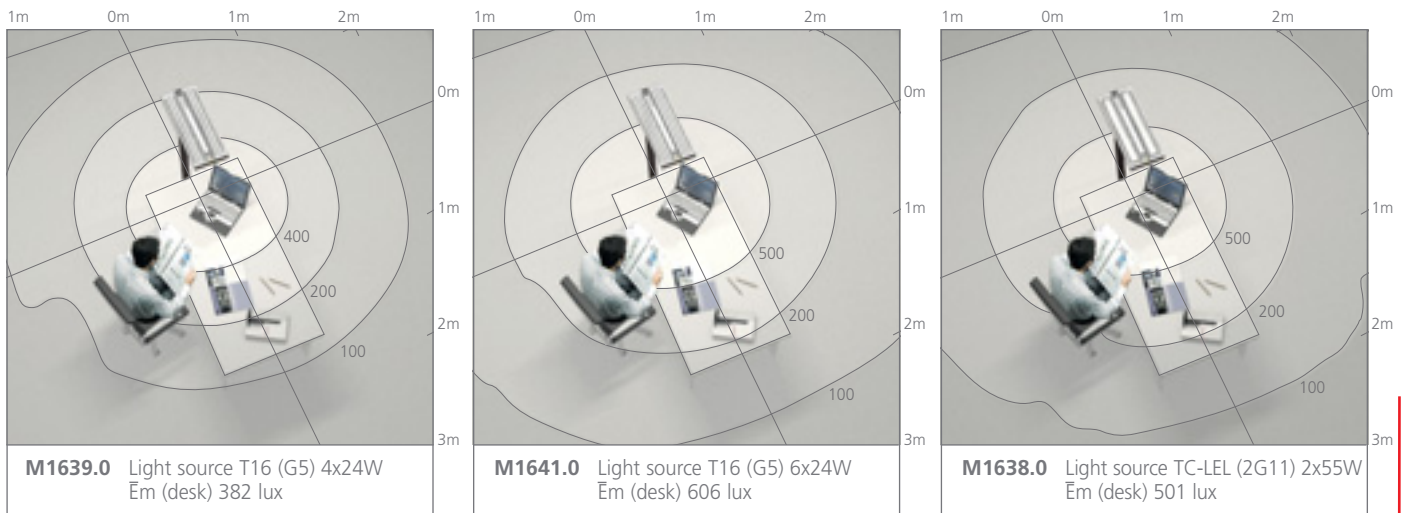
## CHOCOLATE FLOOR ACCESSORIES

**M164200** Polycarbonate dust BRÜCK - protection screen (set of 2).

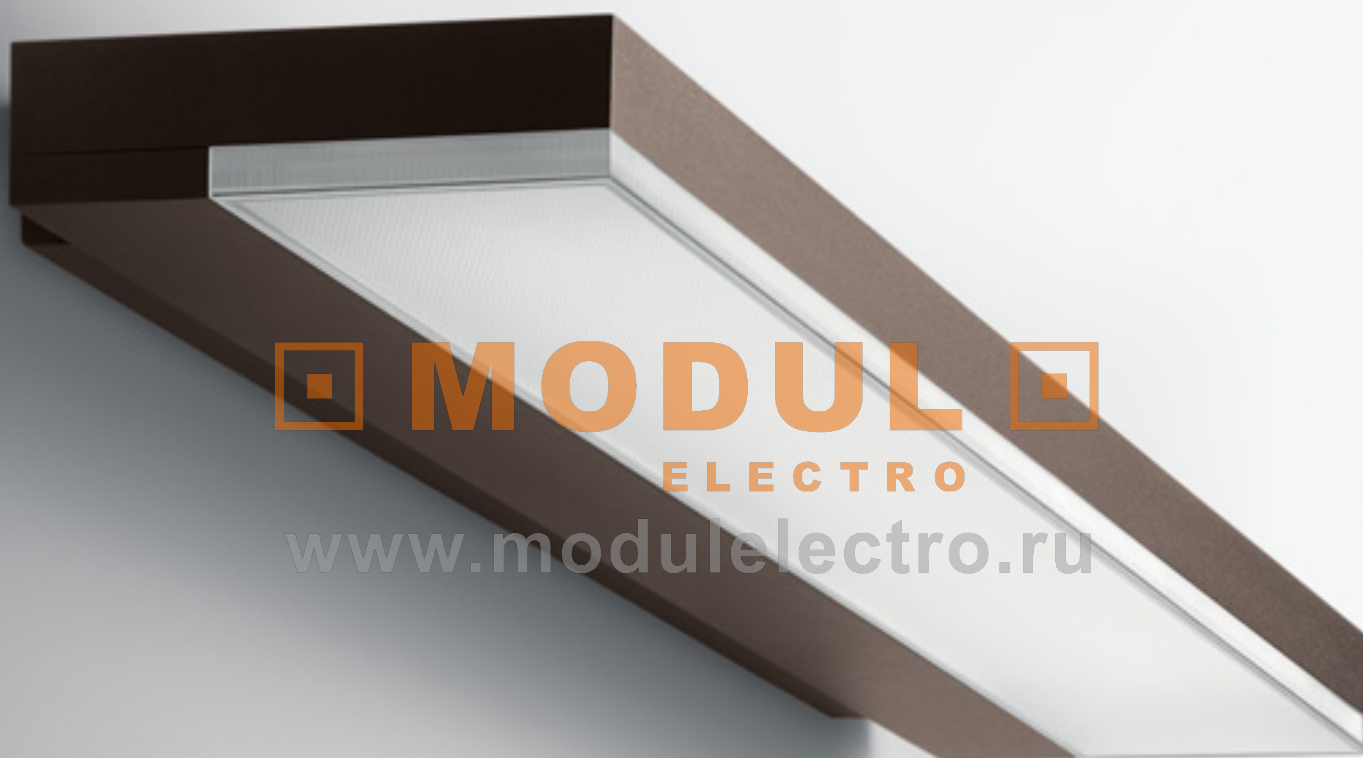
**M104900** INTERACTIVE-DALI remote control.

## CHOCOLATE FLOOR ISOLUX

Calculation parameters for issuing isolux curve diagrams: **Office with one work station.** Length x width x height 5,00x5,00x2,70m. Reflectance factors ceiling/walls/floor 70/50/20%. Working plan 1,60x0,80x0,75m. Maintenance factor 0,90WF.



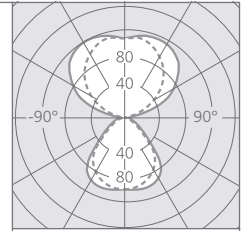
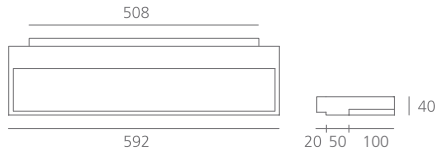
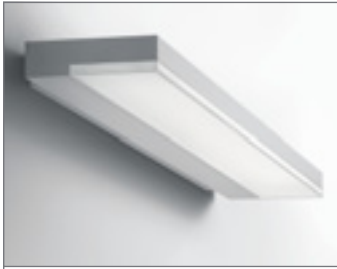
# CHOCOLATE WALL



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- WALL LAMP WITH DIRECT-INDIRECT LIGHTING USING 2x24W AND 3x24W T16 FLUORESCENT LIGHT SOURCE.
- PAINTED ALUMINUM BODY.
- 2 COLOURS: MOKA AND WHITE.
- OPTICS MADE OF TRANSPARENT POLYCARBONATE FITTED WITH A PRISMOPTIC TYPE DIFFUSER.
- LIGHT DISTRIBUTION: 37% DIRECT AND 63% INDIRECT.
- ELECTRONIC CONTROL GEAR
- POLYCARBONATE DUST PROTECTION SCREEN.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

# CHOCOLATE WALL



⊕ ⚡ IP20 960° ● moka 1 ○ white 2

T16 (G5) 2x24W Cd/Klm

T16-HO/FQ (G5)  
24W = 1750lm




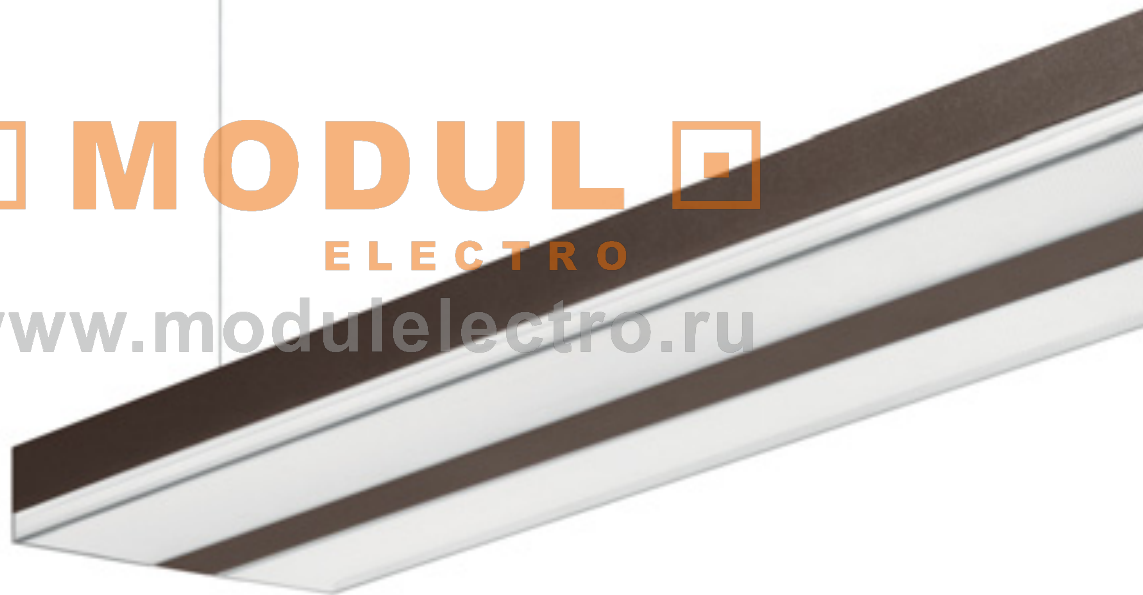
CODE	LIGHT SOURCE	WEIGHT
<b>M1645.0</b>	T16 (G5) 2x24W non dimmable	1,90kg
<b>M1646.0</b>	T16 (G5) 3x24W non dimmable	1,90kg

Polycarbonate dust protection screen included.

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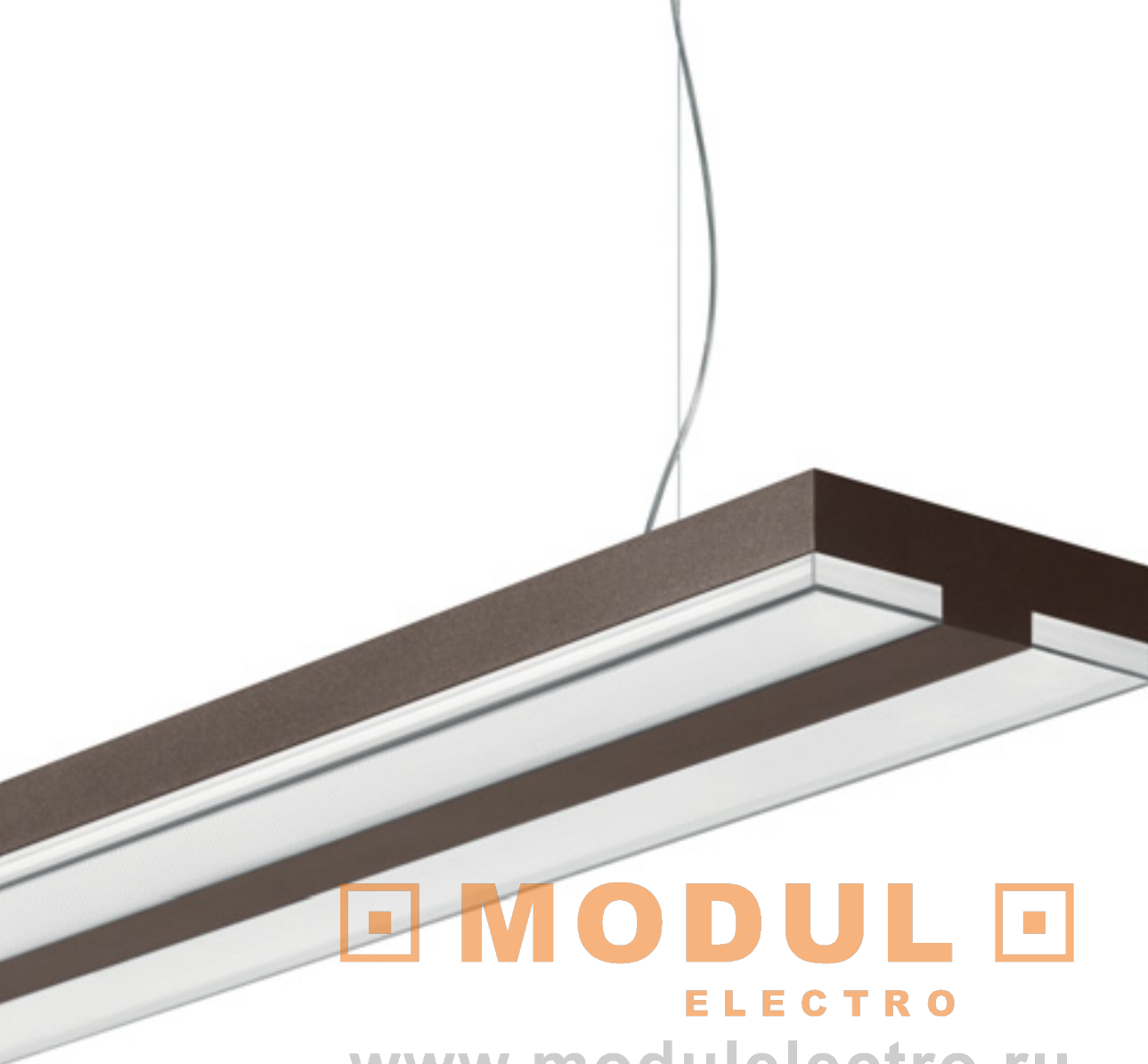
# CHOCOLATE SUSPENSION

  
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- SINGLE PENDANT LIGHT WITH DIRECT-INDIRECT LIGHTING USING 2x28W AND 2x54W T16 FLUORESCENT LAMPS.
- ALUMINIUM BODY.
- 2 COLOURS: MOKA AND WHITE.
- OPTICS MADE OF TRANSPARENT POLYCARBONATE FITTED WITH A PRISMOPTIC DIFFUSER.
- LIGHT OUTPUT RATIO: 64%.
- LIGHT DISTRIBUTION: 45% DIRECT AND 55% INDIRECT.
- ELECTRONIC CONTROL GEAR, OR DALI-SWITCHDIM DIMMABLE ELECTRONIC CONTROL GEAR. EMERGENCY LIGHTING ON REQUEST.
- POLYCARBONATE DUST PROTECTION COVER.
- QUICK ADJUSTMENT STEEL SUSPENSION CABLES.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.




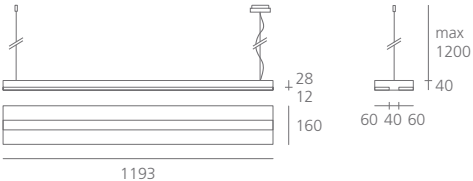
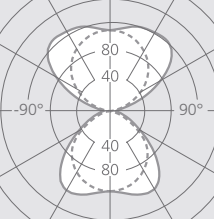


# MODULO

## ELECTRO

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### CHOCOLATE SUSPENSION

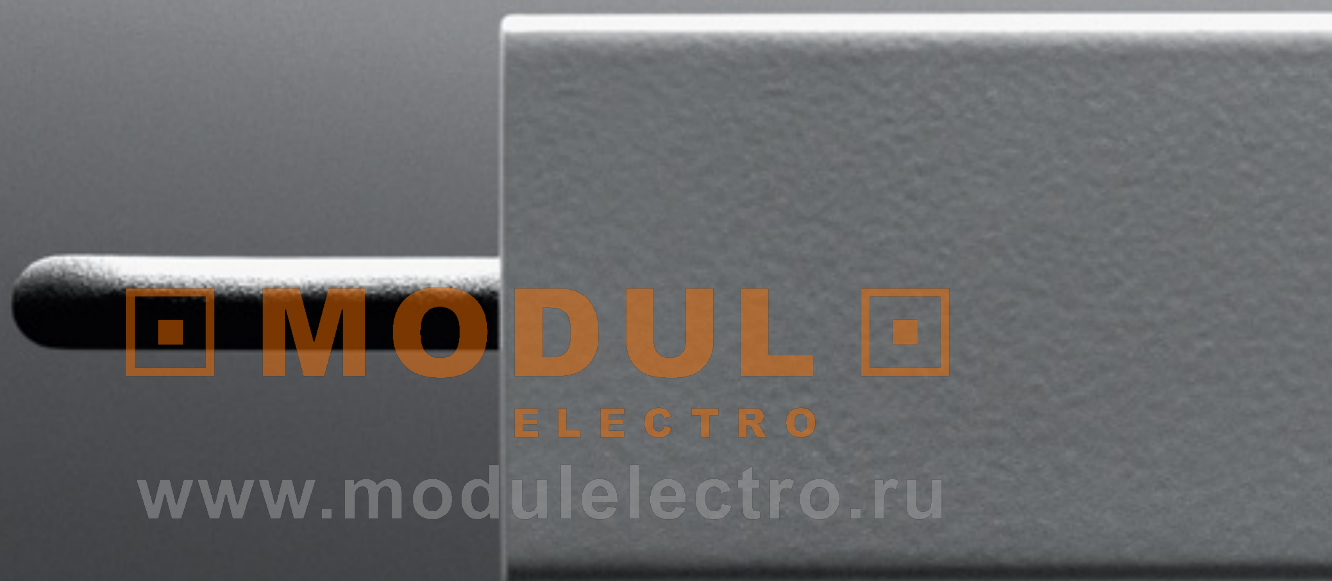
																	
<p>⊕ ⚡ IP20 850° ● moka 1 ○ white 2</p>																	
<p>T16-HE/FH (G5) 28W = 2600lm</p> <p>T16-HO/FQ (G5) 54W = 4450lm</p>	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M1647.0</b></td> <td>T16 (G5) 2x28W non dimmable</td> <td>7,20kg</td> </tr> <tr> <td><b>M1648.0</b></td> <td>T16 (G5) 2x54W non dimmable</td> <td>7,20kg</td> </tr> <tr> <td><b>M1647.1</b></td> <td>T16 (G5) 2x28W dimmable DALI</td> <td>7,20kg</td> </tr> <tr> <td><b>M1648.1</b></td> <td>T16 (G5) 2x54W dimmable DALI</td> <td>7,20kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M1647.0</b>	T16 (G5) 2x28W non dimmable	7,20kg	<b>M1648.0</b>	T16 (G5) 2x54W non dimmable	7,20kg	<b>M1647.1</b>	T16 (G5) 2x28W dimmable DALI	7,20kg	<b>M1648.1</b>	T16 (G5) 2x54W dimmable DALI	7,20kg	<p>T16 (G5) Cd/Klm</p>
CODE	LIGHT SOURCE	WEIGHT															
<b>M1647.0</b>	T16 (G5) 2x28W non dimmable	7,20kg															
<b>M1648.0</b>	T16 (G5) 2x54W non dimmable	7,20kg															
<b>M1647.1</b>	T16 (G5) 2x28W dimmable DALI	7,20kg															
<b>M1648.1</b>	T16 (G5) 2x54W dimmable DALI	7,20kg															

### CHOCOLATE SUSPENSION ACCESSORIES

<p>INTERACTIVE-DALI TECHNOLOGY</p>	<p>INTERACTIVE-DALI components: see page 6.</p>
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# TROLLEY

design ERNESTO GISMONDI



**MODUL**

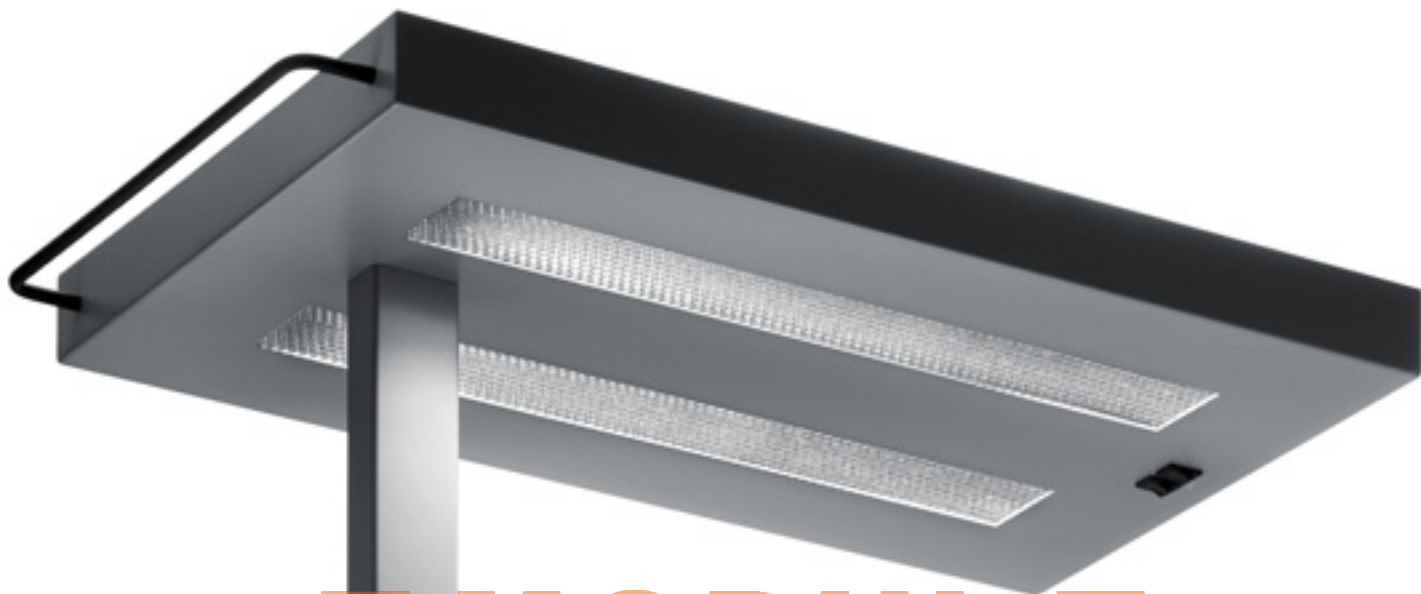
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# TROLLEY



## MODULO ELECTRO


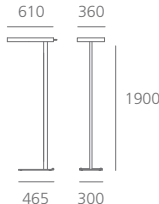
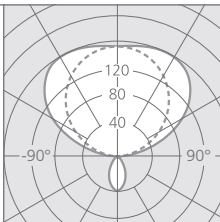



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- FLOOR LAMP WITH DIRECT/INDIRECT LIGHTING USING 4x55W TC-LEL FLUORESCENT LAMPS.
- OPTICAL UNIT MADE OF STEEL WITH WHITE OR GREY PAINT FINISH.
- EXTRUDED ALUMINIUM POLE.
- STEEL BASE.
- AVAILABLE IN 2 VERSIONS: WITH HONEYCOMB-STRUCTURE LOUVRE OR WITH PRISMOPTIC POLYCARBONATE DIFFUSER.
- VERSION WITH LOUVRE: LIGHT OUTPUT RATIO: 57%. LIGHT DISTRIBUTION: 92% INDIRECT AND 8% DIRECT.
- VERSION WITH PRISMOPTIC DIFFUSER: LIGHT OUTPUT RATIO: 74%. LIGHT DISTRIBUTION: 89% INDIRECT AND 11% DIRECT.
- 4 LEVELS OF ELECTRONIC LIGHT MANAGEMENT: ELECTRONIC BALLAST WITH TWIN SWITCH (50%/100%), DIMMING CONTROL WITH MANUAL LIGHT INTENSITY ADJUSTMENT, MOVEMENT DETECTION WITH TIME-DELAYED OFF CONTROL, AND INTERACTIVE-DALI SYSTEM COMBINING A MOVEMENT DETECTOR AND A DAYLIGHT SENSOR FOR AUTO-REGULATION IN RELATION TO PEOPLE PRESENCE AND VARIATIONS IN DAYLIGHT.
- THE HANDLE AND SET OF ROLLERS FACILITATE THE LUMINAIRE'S OVERALL MOBILITY.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.


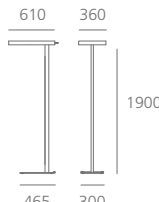
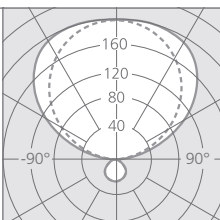







## TROLLEY


			IP20   white 1  aluminum grey 2	TC-LEL (2G11) <b>Cd/Klm</b>														
					TC-LEL (2G11) 55W = 4800lm													
	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>L8601.0</b></td> <td>TC-LEL (2G11) 4x55W non dimmable</td> <td>21,00kg</td> </tr> <tr> <td><b>L8601.1</b></td> <td>TC-LEL (2G11) 4x55W dimmable</td> <td>21,00kg</td> </tr> <tr> <td><b>L8601.6</b></td> <td>TC-LEL (2G11) 4x55W INTERACTIVE-DALI</td> <td>21,00kg</td> </tr> <tr> <td><b>L8601.9</b></td> <td>TC-LEL (2G11) 4x55W movement detector</td> <td>21,00kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>L8601.0</b>	TC-LEL (2G11) 4x55W non dimmable	21,00kg	<b>L8601.1</b>	TC-LEL (2G11) 4x55W dimmable	21,00kg	<b>L8601.6</b>	TC-LEL (2G11) 4x55W INTERACTIVE-DALI	21,00kg	<b>L8601.9</b>	TC-LEL (2G11) 4x55W movement detector	21,00kg		
CODE	LIGHT SOURCE	WEIGHT																
<b>L8601.0</b>	TC-LEL (2G11) 4x55W non dimmable	21,00kg																
<b>L8601.1</b>	TC-LEL (2G11) 4x55W dimmable	21,00kg																
<b>L8601.6</b>	TC-LEL (2G11) 4x55W INTERACTIVE-DALI	21,00kg																
<b>L8601.9</b>	TC-LEL (2G11) 4x55W movement detector	21,00kg																

## TROLLEY PRISMOPTIC

			IP20   white 1  aluminum grey 2	TC-LEL (2G11) <b>Cd/Klm</b>														
					TC-LEL (2G11) 55W = 4800lm													
	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>L8602.0</b></td> <td>TC-LEL (2G11) 4x55W non dimmable</td> <td>21,00kg</td> </tr> <tr> <td><b>L8602.1</b></td> <td>TC-LEL (2G11) 4x55W dimmable</td> <td>21,00kg</td> </tr> <tr> <td><b>L8602.6</b></td> <td>TC-LEL (2G11) 4x55W INTERACTIVE-DALI</td> <td>21,00kg</td> </tr> <tr> <td><b>L8602.9</b></td> <td>TC-LEL (2G11) 4x55W movement detector</td> <td>21,00kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>L8602.0</b>	TC-LEL (2G11) 4x55W non dimmable	21,00kg	<b>L8602.1</b>	TC-LEL (2G11) 4x55W dimmable	21,00kg	<b>L8602.6</b>	TC-LEL (2G11) 4x55W INTERACTIVE-DALI	21,00kg	<b>L8602.9</b>	TC-LEL (2G11) 4x55W movement detector	21,00kg		
CODE	LIGHT SOURCE	WEIGHT																
<b>L8602.0</b>	TC-LEL (2G11) 4x55W non dimmable	21,00kg																
<b>L8602.1</b>	TC-LEL (2G11) 4x55W dimmable	21,00kg																
<b>L8602.6</b>	TC-LEL (2G11) 4x55W INTERACTIVE-DALI	21,00kg																
<b>L8602.9</b>	TC-LEL (2G11) 4x55W movement detector	21,00kg																

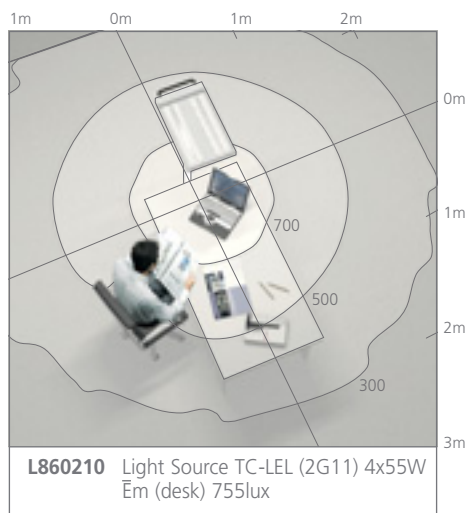
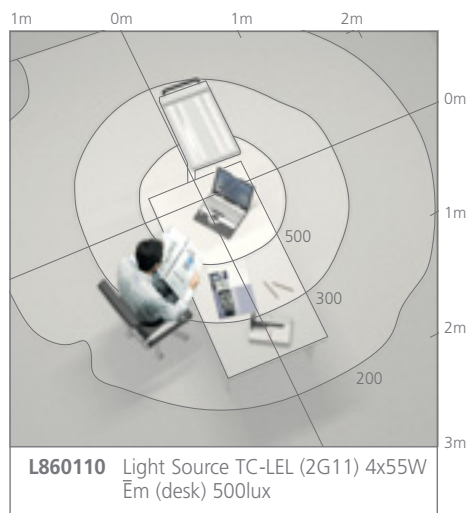
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## TROLLEY ACCESSORY

	<b>M104900</b> INTERACTIVE-DALI remote control.
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## TROLLEY ISOLUX

Calculation parameters for issuing isolux diagram: **Office with one work station**. Length x width x height 5,00x5,00x2,70m. Reflectance factors ceiling/walls/floor 70/50/20%. Working plane 1,60x0,80x0,75m. Maintenance factor 0,90WF.





# SURF

design NEIL POULTON

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# SURF SYSTEM

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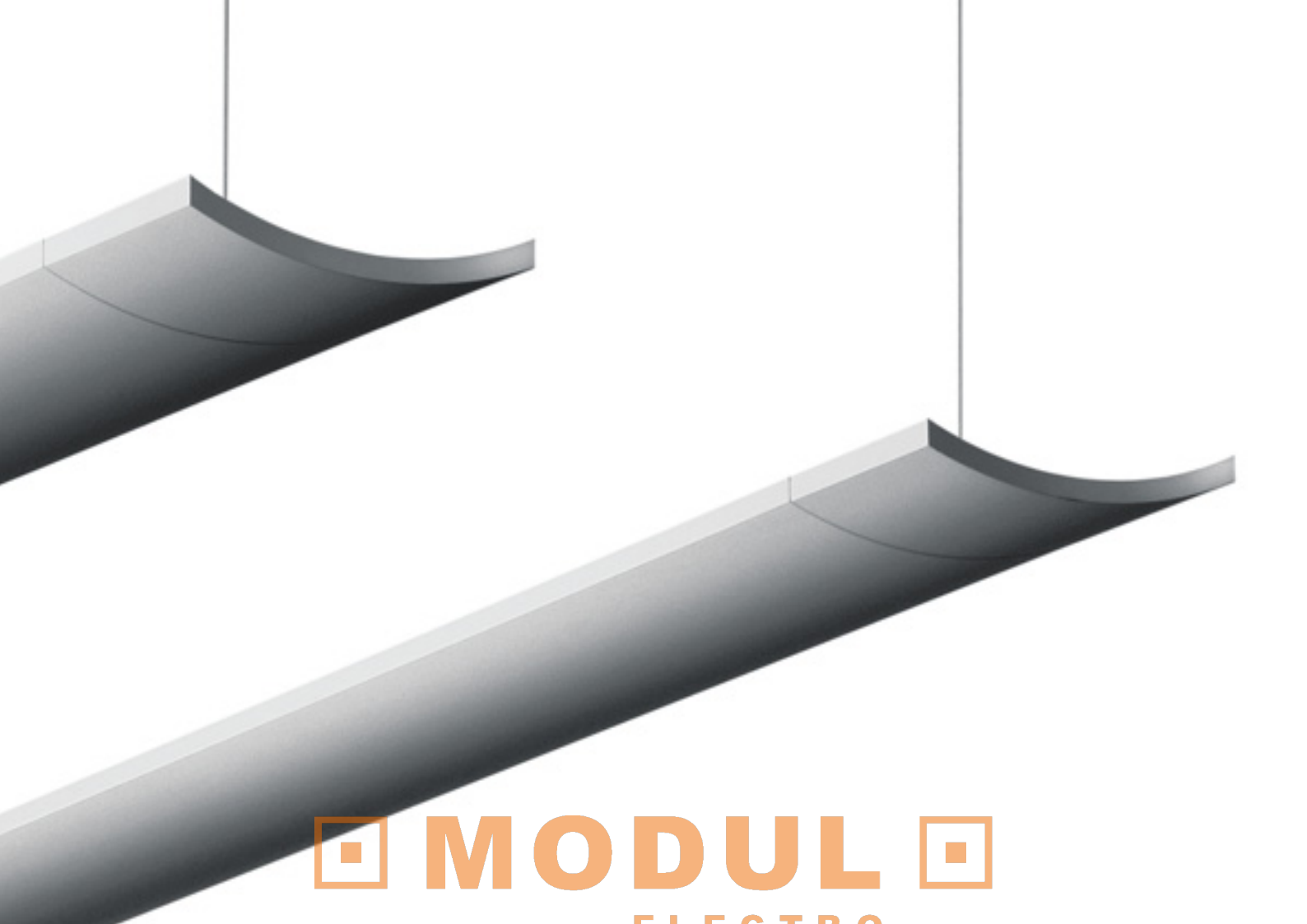


HQ'S FRASER MILNER, MONTREAL (CA), AEDIFICA ARCHITECTURE + DESIGN.



HQ'S OMER DE SERRES, MONTREAL (CA), AEDIFICA ARCHITECTURE + DESIGN.

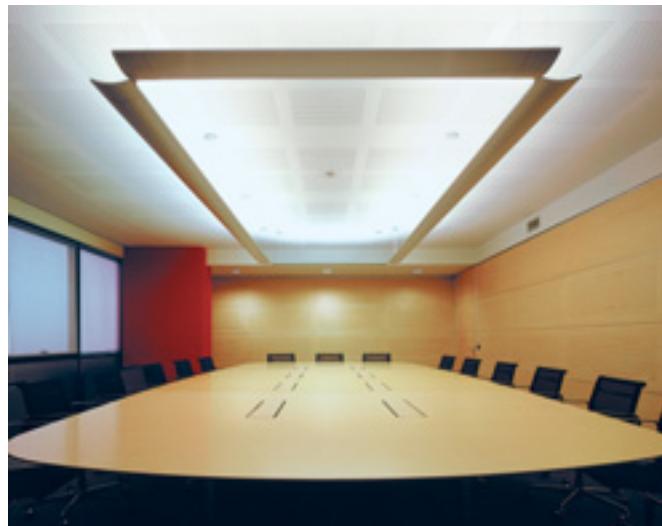






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IWATE PREFECTURAL LIBRARY IWATE (J), NIHON SEKKEI INC,  
K. SONE ENVIRONMENTAL DESIGN ASS. AND KUJI ARCH. STUDIO.



AUTOGRILL, ASSAGO/MILANOFIORI (I), PAOLO MONTERO.

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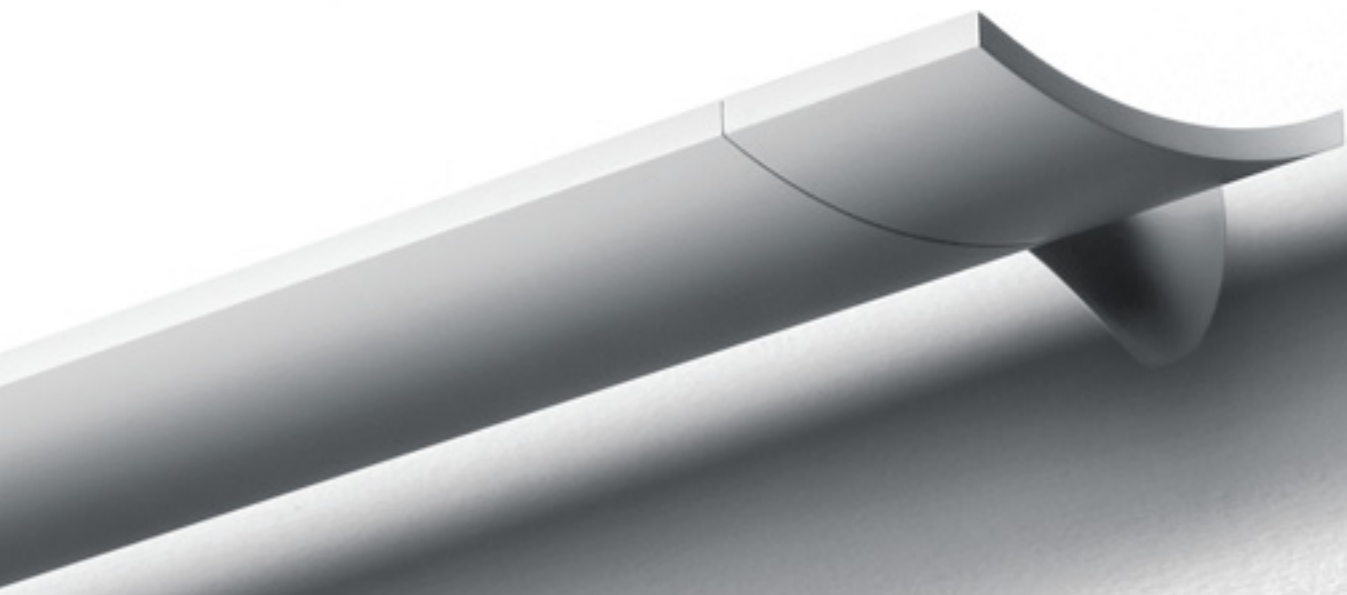
# SURF SYSTEM

 **MODUL**   
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[www.modulelectro.ru](http://www.modulelectro.ru)

- MODULAR SYSTEM FOR INDIRECT LIGHTING USING 2x14W TO 2x80W T16 FLUORESCENT LAMPS.
- EXTRUDED ALUMINIUM BODY WITH A WHITE OR GREY PAINT FINISH.
- CAN BE INSTALLED AS A PENDANT OR WALL LIGHT.
- CONTINUOUS LINEAR MOUNTING OR WITH 90° CONNECTORS, 3 AND 4 WAYS CONNECTORS.
- LIGHT OUTPUT RATIO: 72%.
- ELECTRONIC BALLAST, OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST, OR **INTERACTIVE-DALI** SYSTEM COMBINING A MOVEMENT DETECTOR AND A DAYLIGHT SENSOR FOR AUTO-REGULATION IN RELATION TO PEOPLE PRESENCE AND VARIATIONS IN DAYLIGHT. EMERGENCY LIGHTING AS AN OPTIONAL EXTRA.
- DUST PROTECTION COVER MADE OF EXTRUDED POLYCARBONATE.
- QUICK ADJUSTMENT STEEL SUSPENSION CABLES.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.





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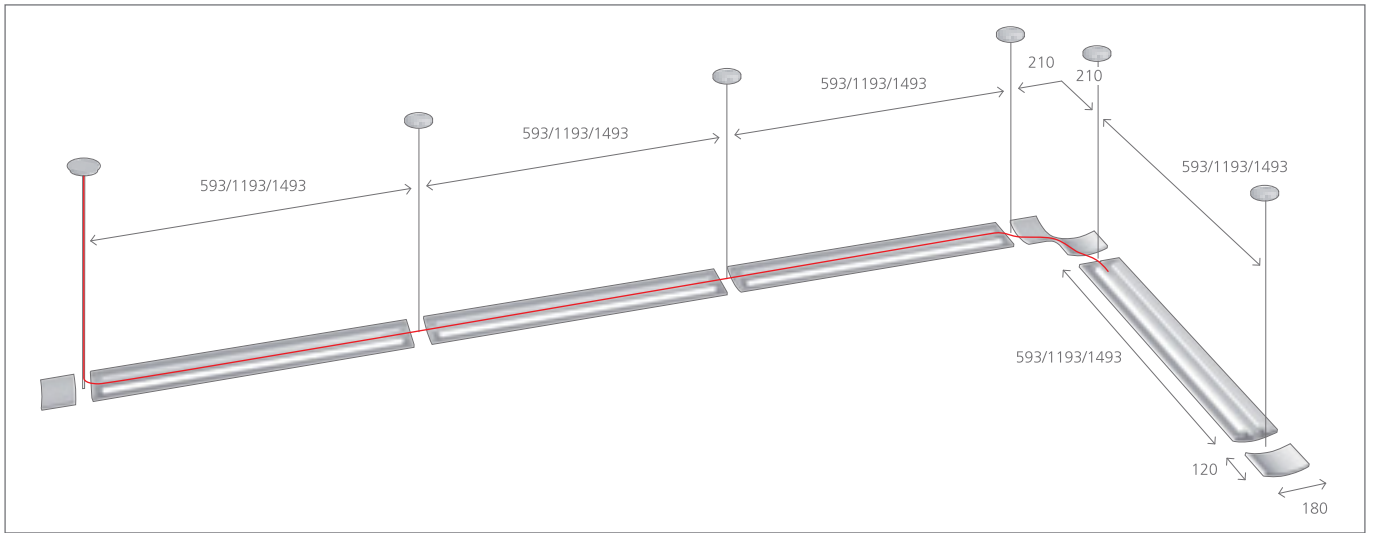


RIVA ACCIAIO, MILAN (I), M.D'AZZO, M.GROH, R.GIULIANI.

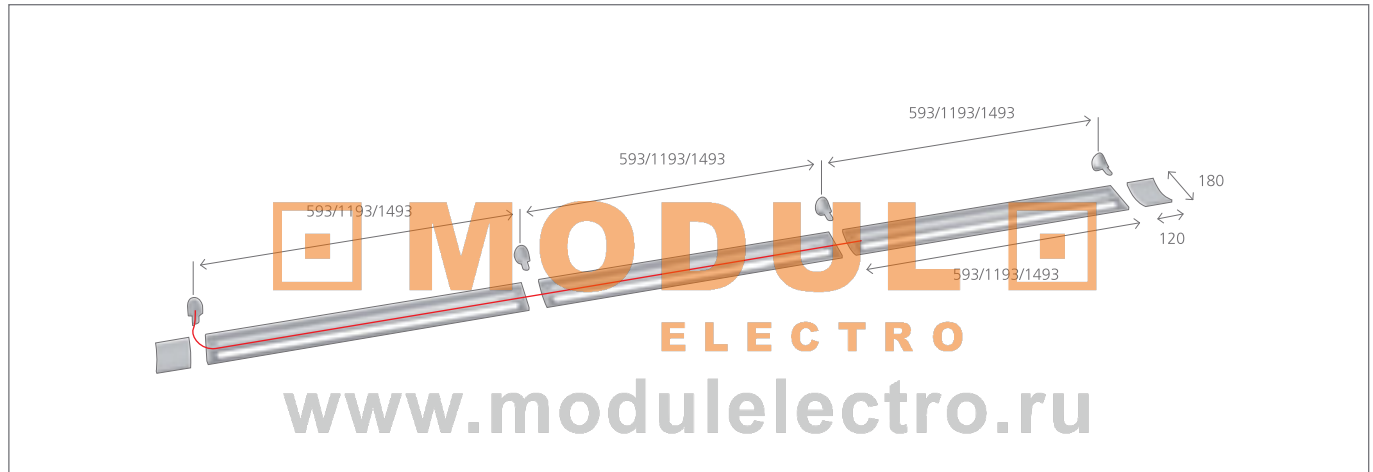


GROUPE ACCOR, EVRY (F).

## SURF SYSTEM SUSPENSION




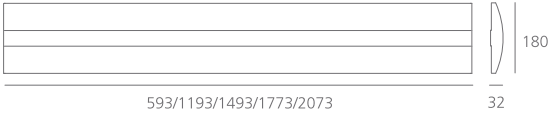
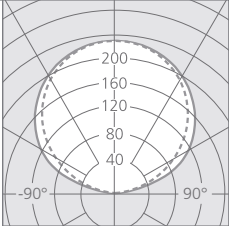
## SURF SYSTEM WALL



ABOVE AND PAGE 206-207: EURIZON CAPITAL SGR, MILAN (I), SILVIA SUARDI - SEZGIN AKSU.  
PAGE 212-213: HQ'S DOBSON HOUSE, NEWCASTLE UPON TYNE (UK), FAULKNERBROWNS ARCHITECTS.

IKEA, CARUGATE (I), STUDDI & ASSOCIATI.

# SURF SYSTEM

																																																																												
			<p>⊕ ⚡ IP20 960° ○ white <b>2</b> ● grey <b>9</b></p> <p>T16 (G5) <b>Cd/Klm</b></p>																																																																									
<p><b>T16-HE/FH (G5)</b> 14W = 1200lm 28W = 2600lm 35W = 3300lm</p> <p><b>T16-HO/FQ (G5)</b> 24W = 1750lm 39W = 3100lm 54W = 4450lm 80W = 6150lm</p>	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th></th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0915.0</b></td> <td>T16 (G5) 2x14W non dimmable</td> <td></td> <td>593mm</td> <td>2,50kg</td> </tr> <tr> <td><b>M0900.0</b></td> <td>T16 (G5) 2x28W non dimmable</td> <td></td> <td>1193mm</td> <td>3,60kg</td> </tr> <tr> <td><b>M0901.0</b></td> <td>T16 (G5) 2x35W non dimmable</td> <td></td> <td>1493mm</td> <td>4,50kg</td> </tr> <tr> <td><b>M0945.0</b></td> <td>T16 (G5) 2x54W non dimmable</td> <td></td> <td>1193mm</td> <td>3,60kg</td> </tr> <tr> <td><b>M0946.0</b></td> <td>T16 (G5) 2x80W non dimmable</td> <td></td> <td>1493mm</td> <td>4,50kg</td> </tr> <tr> <td><b>M0976.0</b></td> <td>T16 (G5) 2x24W non dimmable + emergency 1h</td> <td></td> <td>1193mm</td> <td>3,60kg</td> </tr> <tr> <td><b>M0912.0</b></td> <td>T16 (G5) 2x28W non dimmable + emergency 1h</td> <td></td> <td>1773mm</td> <td>5,60kg</td> </tr> <tr> <td><b>M0913.0</b></td> <td>T16 (G5) 2x35W non dimmable + emergency 1h</td> <td></td> <td>2073mm</td> <td>6,50kg</td> </tr> <tr> <td><b>M0977.0</b></td> <td>T16 (G5) 2x39W non dimmable + emergency 1h</td> <td></td> <td>1493mm</td> <td>4,50kg</td> </tr> <tr> <td><b>M0947.0</b></td> <td>T16 (G5) 2x28W dimmable DALI</td> <td></td> <td>1193mm</td> <td>3,60kg</td> </tr> <tr> <td><b>M0948.0</b></td> <td>T16 (G5) 2x35W dimmable DALI</td> <td></td> <td>1493mm</td> <td>4,50kg</td> </tr> <tr> <td><b>M0949.5</b></td> <td>T16 (G5) 2x54W dimmable DALI</td> <td></td> <td>1193mm</td> <td>3,60kg</td> </tr> <tr> <td><b>M0911.5</b></td> <td>T16 (G5) 2x80W dimmable DALI</td> <td></td> <td>1493mm</td> <td>4,50kg</td> </tr> <tr> <td><b>M0949.6</b></td> <td>T16 (G5) 2x54W INTERACTIVE-DALI</td> <td></td> <td>1193mm</td> <td>3,60kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE		LENGTH	WEIGHT	<b>M0915.0</b>	T16 (G5) 2x14W non dimmable		593mm	2,50kg	<b>M0900.0</b>	T16 (G5) 2x28W non dimmable		1193mm	3,60kg	<b>M0901.0</b>	T16 (G5) 2x35W non dimmable		1493mm	4,50kg	<b>M0945.0</b>	T16 (G5) 2x54W non dimmable		1193mm	3,60kg	<b>M0946.0</b>	T16 (G5) 2x80W non dimmable		1493mm	4,50kg	<b>M0976.0</b>	T16 (G5) 2x24W non dimmable + emergency 1h		1193mm	3,60kg	<b>M0912.0</b>	T16 (G5) 2x28W non dimmable + emergency 1h		1773mm	5,60kg	<b>M0913.0</b>	T16 (G5) 2x35W non dimmable + emergency 1h		2073mm	6,50kg	<b>M0977.0</b>	T16 (G5) 2x39W non dimmable + emergency 1h		1493mm	4,50kg	<b>M0947.0</b>	T16 (G5) 2x28W dimmable DALI		1193mm	3,60kg	<b>M0948.0</b>	T16 (G5) 2x35W dimmable DALI		1493mm	4,50kg	<b>M0949.5</b>	T16 (G5) 2x54W dimmable DALI		1193mm	3,60kg	<b>M0911.5</b>	T16 (G5) 2x80W dimmable DALI		1493mm	4,50kg	<b>M0949.6</b>	T16 (G5) 2x54W INTERACTIVE-DALI		1193mm	3,60kg
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# MODUL

## SURF SYSTEM COMPONENTS

	<p><b>M0902.0</b> End plate. 0,70kg. 120x180mm.</p> <p>○ white <b>2</b> ● grey <b>9</b></p>		<p><b>M0908.0</b> Wall fixing (without feed). 55x90mm. Protrusion 50mm.</p> <p>○ white <b>2</b> ● grey <b>9</b></p>
	<p><b>M0903.0</b> L-shaped connector. 1,50kg. 300x300mm.</p> <p>○ white <b>2</b> ● grey <b>9</b></p>		<p><b>M0909.0</b> Wall fixing with feed (3x1,5mm²). 0,20kg. 55x90mm. Protrusion 50mm.</p> <p>○ white <b>2</b> ● grey <b>9</b></p>
	<p><b>M0904.0</b> 3-ways connector. 2,30kg. 421x300mm.</p> <p>○ white <b>2</b> ● grey <b>9</b></p>		<p><b>M104900</b> INTERACTIVE-DALI remote control.</p>
	<p><b>M0905.0</b> 4-ways connector. 3,00kg. 421x421mm.</p> <p>○ white <b>2</b> ● grey <b>9</b></p>		<p><b>M074030</b> INTERACTIVE-DALI KIT Ø86MM white, recessed. Can be connected to a max. 11 DALI dimmable units. Is operated through INTERACTIVE-DALI remote control or external push button.</p> <p>⊕ 072</p>
	<p><b>M0906.0</b> Steel suspension cable. Ceiling plate Ø100mm. 1100mm.</p> <p>○ white <b>2</b> ● grey <b>9</b></p>		<p><b>M074130</b> Extension recessed movement detector for INTERACTIVE-DALI system.</p> <p>⊕ 064</p>
	<p><b>M0907.0</b> Suspension with feed cable. Ceiling plate Ø100mm. 1100mm. 3 wires (3x1,5mm²)</p> <p><b>M0918.0</b> 5 wires (3x1,5mm² + 2x0,5mm²)</p> <p>○ white <b>2</b> ● grey <b>9</b></p>		





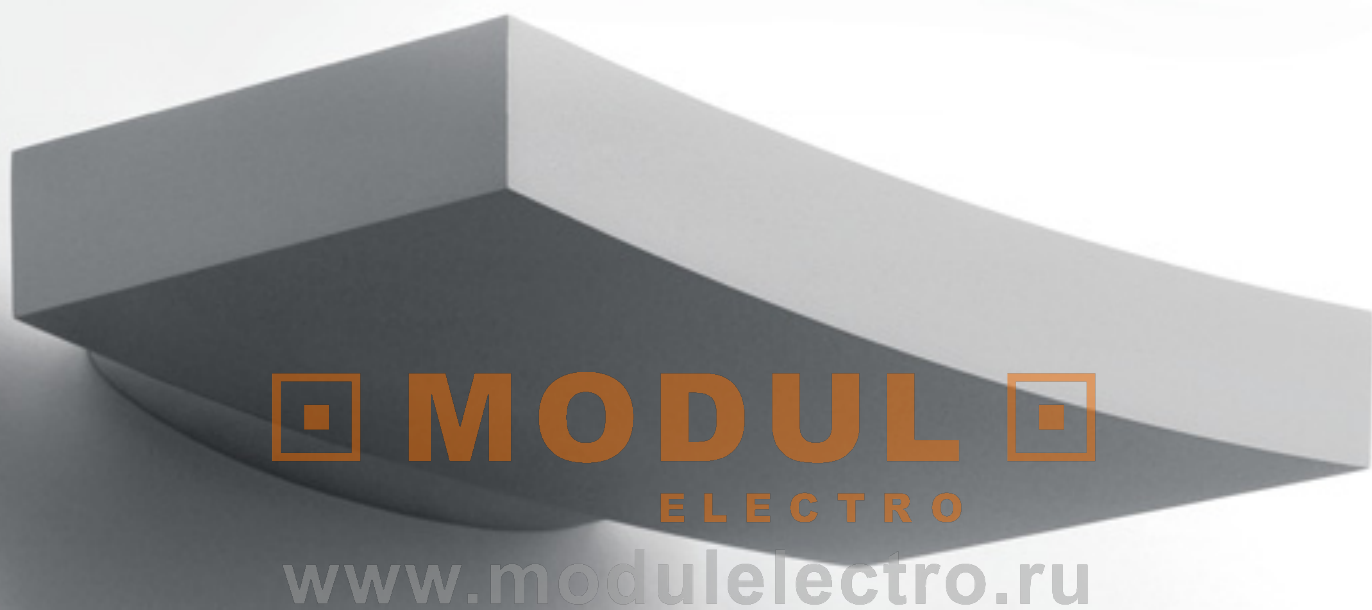
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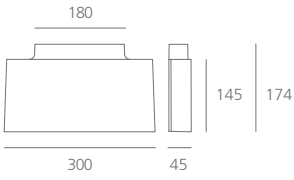
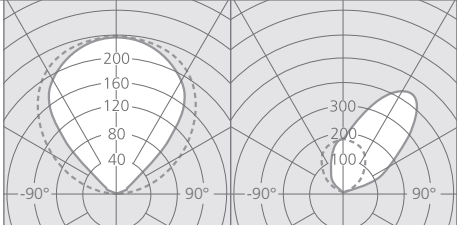

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# SURF WALL


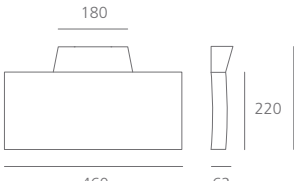
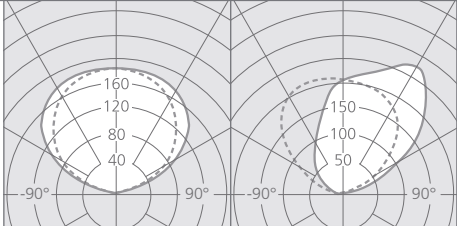


- A RANGE OF WALL LAMPS WITH INDIRECT LIGHTING, USING 300W HALOGEN, 150W METAL-HALIDE AND 1x18W, 2x36W AND 2x55W TC-LFL FLUORESCENT LAMPS.
- ALUMINIUM BODY WITH WHITE OR GREY PAINT FINISH.
- 3 SIZE OPTIONS: 174x300MM, 290x460MM AND 290x600MM.
- ELECTRONIC BALLAST.
- PROTECTIVE GLASS (FOR HALOGEN AND METAL-HALIDE VERSIONS) OR POLYCARBONATE DUST-PROTECTION SCREEN (FOR 2x36-55W TC-LFL VERSIONS).
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

## SURF WALL 300


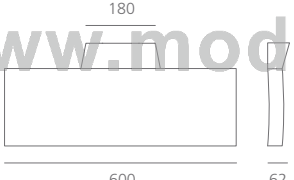
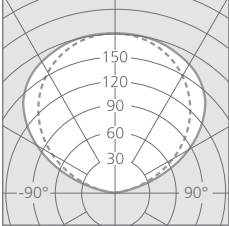

											
			⚡ IP20 960°  ○ white <b>55</b> ● grey <b>66</b>	TC-LEL (2G11) <b>Cd/Klm</b> QT-DE12 (R7s) <b>Cd/Klm</b>							
QT-DE12 (R7s) 300W = 5000lm TC-LEL (2G11) 18W = 1200lm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0609..</b></td> <td>QT-DE12 (R7s) 1xmax300W</td> <td>1,00kg</td> </tr> <tr> <td><b>M0663..</b></td> <td>TC-LEL (2G11) 1x18W</td> <td>1,00kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M0609..</b>	QT-DE12 (R7s) 1xmax300W	1,00kg	<b>M0663..</b>	TC-LEL (2G11) 1x18W	1,00kg	
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<b>M0663..</b>	TC-LEL (2G11) 1x18W	1,00kg									

## SURF WALL 460

											
			⚡ IP20 960° ○ white <b>2</b> ● grey <b>9</b>	TC-LEL (2G11) <b>Cd/Klm</b> HIT-DE-CE-h45 (RX7s) <b>Cd/Klm</b>							
TC-LEL (2G11) 36W = 2900lm HIT-DE-CE-h45 (RX7s) 150W = 11250lm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0615.0</b></td> <td>TC-LEL (2G11) 2x36W</td> <td>1,40kg</td> </tr> <tr> <td><b>M0662.0</b></td> <td>HIT-DE-CE-h45 (RX7s) 1x150W</td> <td>3,80kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M0615.0</b>	TC-LEL (2G11) 2x36W	1,40kg	<b>M0662.0</b>	HIT-DE-CE-h45 (RX7s) 1x150W	3,80kg	
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<b>M0662.0</b>	HIT-DE-CE-h45 (RX7s) 1x150W	3,80kg									

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## SURF WALL 600

								
			⚡ IP20 960°  ○ white <b>2</b> ● grey <b>9</b>	TC-LEL (2G11) <b>Cd/Klm</b>				
TC-LEL (2G11) 55W = 4800lm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0607.0</b></td> <td>TC-LEL (2G11) 2x55W</td> <td>1,80kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M0607.0</b>	TC-LEL (2G11) 2x55W	1,80kg	
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# MINISURF WALL

design NEIL POULTON



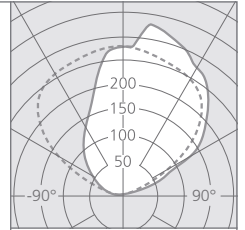
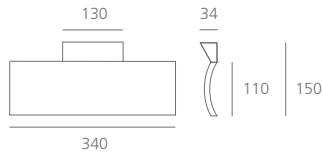
**MODUL**  
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- A RANGE OF WALL LAMPS WITH INDIRECT LIGHTING, USING 150W HALOGEN AND 24W T16 FLUORESCENT LAMPS.
- ALUMINIUM BODY WITH WHITE OR GREY PAINT FINISH.
- 2 SIZE OPTIONS: 150x340MM AND 170x766MM.
- INTEGRAL ELECTRONIC BALLAST.
- FLUORESCENT VERSION COMES WITH PUNCHINGS AND COLOURED FILTERS (BLUE, ORANGE AND OPAQUE WHITE) FOR A DECORATIVE DIRECT LIGHTING EFFECT.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.



## MINISURF WALL HALOGEN



⊕ ⚡ IP20 960° ○ white **2** ● grey **9**

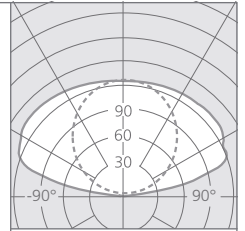
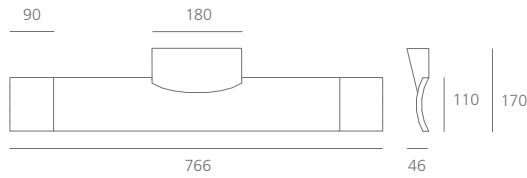
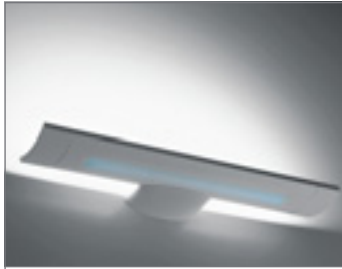
QT-DE12 (R7s) Cd/Klm

QT-DE12 (R7s)  
150W = 2200lm



CODE	LIGHT SOURCE	WEIGHT
<b>M1443.0</b>	QT-DE12 (R7s) 1xmax150W	0,80kg

## MINISURF WALL FLUORESCENT



⊕ ⚡ IP20 960° ○ white **2** ● grey **9**

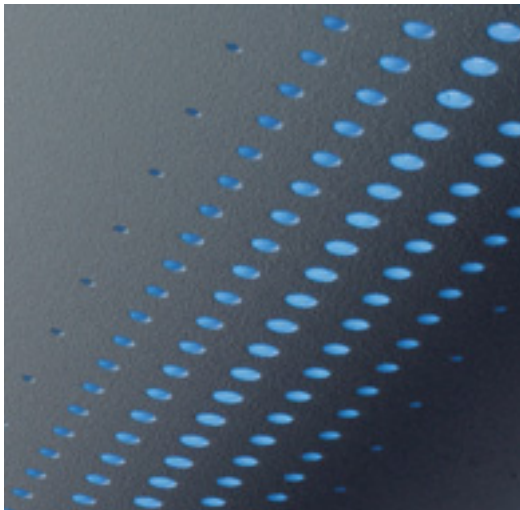
T16 (G5) Cd/Klm

T16-HO/FQ (G5)  
24W = 1750lm





CODE	LIGHT SOURCE	WEIGHT
<b>M1442.0</b>	T16 (G5) 1x24W	2,00kg

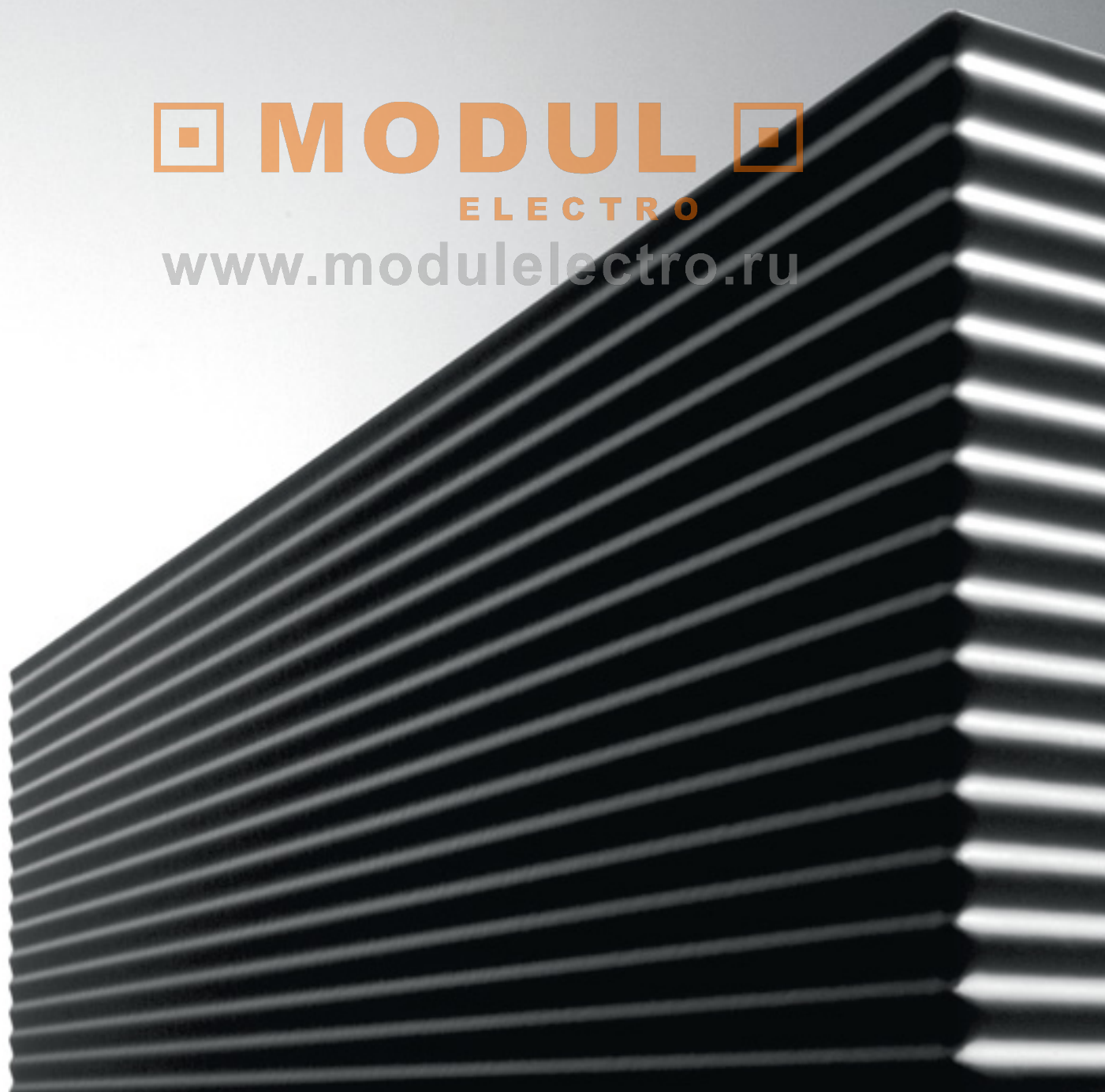
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# KALIFA / KALIFA II

design ERNESTO GISMONDI

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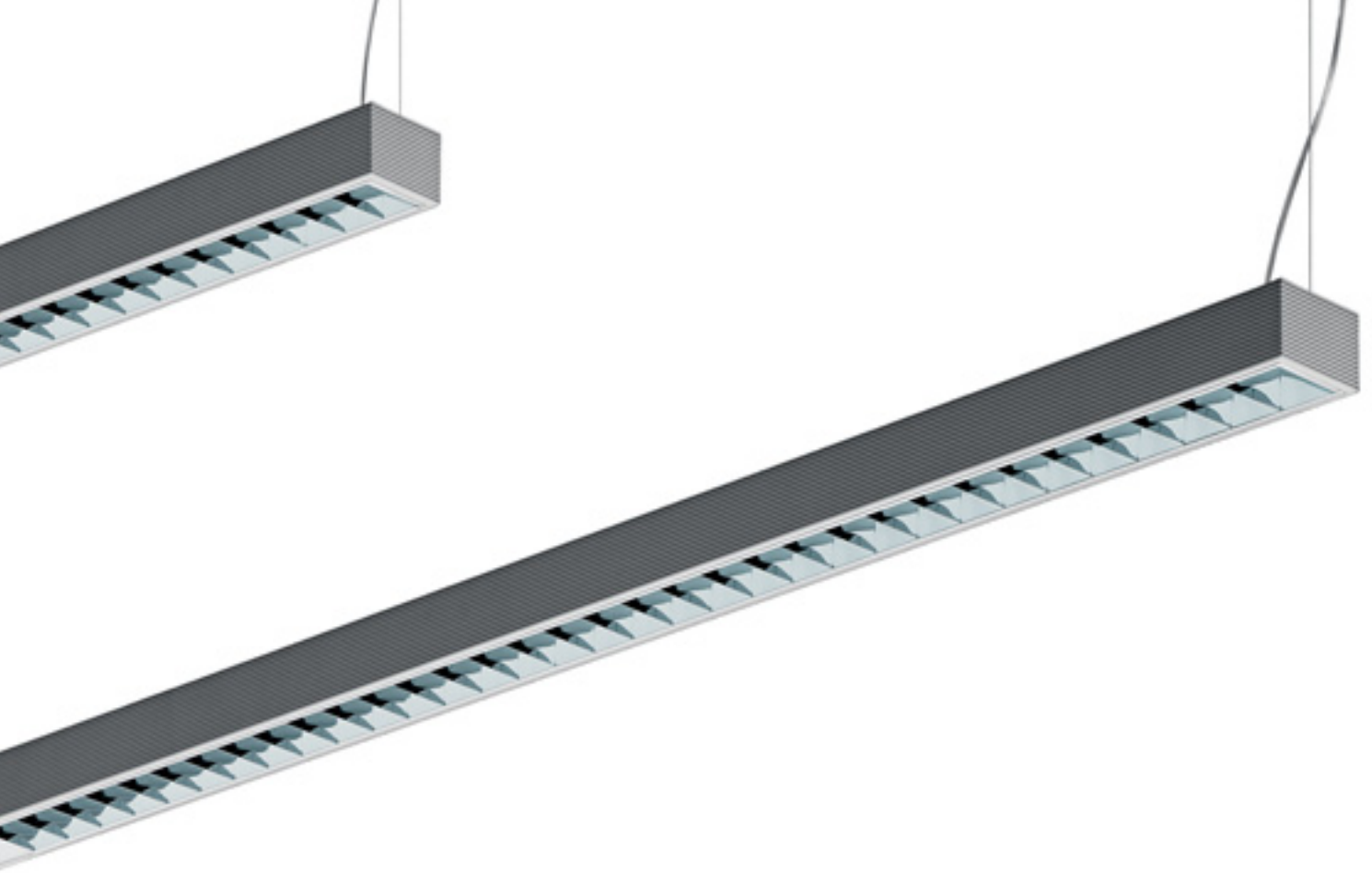
# KALIFA II SUSPENSION DUAL EMISSION

 **MODUL**   
ELECTRO

[www.modulelectro.ru](http://www.modulelectro.ru)

- SINGLE PENDANT LIGHT WITH DIRECT-INDIRECT LIGHTING USING 2x24W AND 2x54W T16 FLUORESCENT LIGHT SOURCE.
- EXTRUDED ALUMINIUM BODY WITH A WHITE OR GREY PAINT FINISH, AVAILABLE IN LENGTHS OF 1640MM AND 2900MM.
- SUPER PURE ALUMINIUM DARK LIGHT OPTICS.
- LIGHT OUTPUT RATIO: 92%. LIGHT DISTRIBUTION: 30% INDIRECT AND 70% DIRECT.
- DARK LIGHT EMISSION IS IN COMPLIANCE WITH EN12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000CD/M<sup>2</sup> LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS.
- ELECTRONIC CONTROL GEAR, OR DALI-SWITCHDIM DIMMABLE ELECTRONIC CONTROL GEAR.
- QUICK ADJUSTMENT STEEL SUSPENSION CABLES.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.



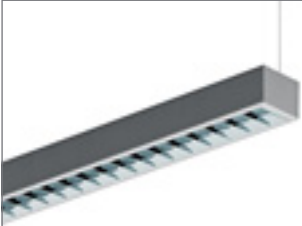
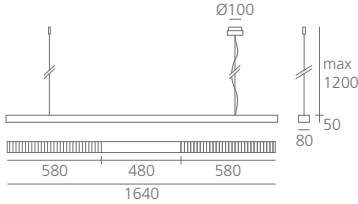
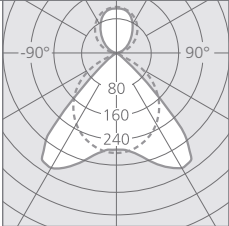


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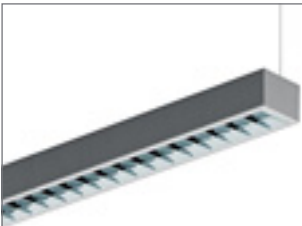
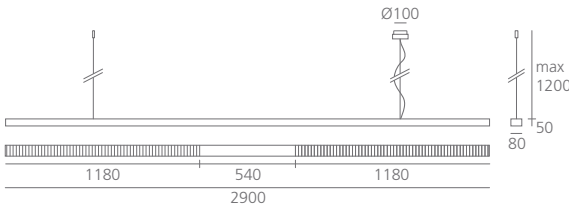
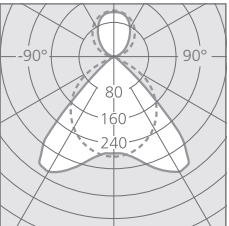
## ELECTRO

[www.modulelectro.ru](http://www.modulelectro.ru)



### KALIFA II SUSPENSION 1640 DUAL EMISSION

			<p>⊕ ⊖ IP20 96° ○ white 2 ● grey 9</p>	<p>T16 (G5) <b>Cd/Klm</b></p>						
					<p>T16-HO/FQ (G5) 24W = 1750lm</p>	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M1671.0</b></td> <td>T16 (G5) 2x1x24W non dimmable</td> <td>4,80kg</td> </tr> <tr> <td><b>M1671.1</b></td> <td>T16 (G5) 2x1x24W dimmable DALI</td> <td>4,80kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M1671.0</b>
CODE	LIGHT SOURCE	WEIGHT								
<b>M1671.0</b>	T16 (G5) 2x1x24W non dimmable	4,80kg								
<b>M1671.1</b>	T16 (G5) 2x1x24W dimmable DALI	4,80kg								

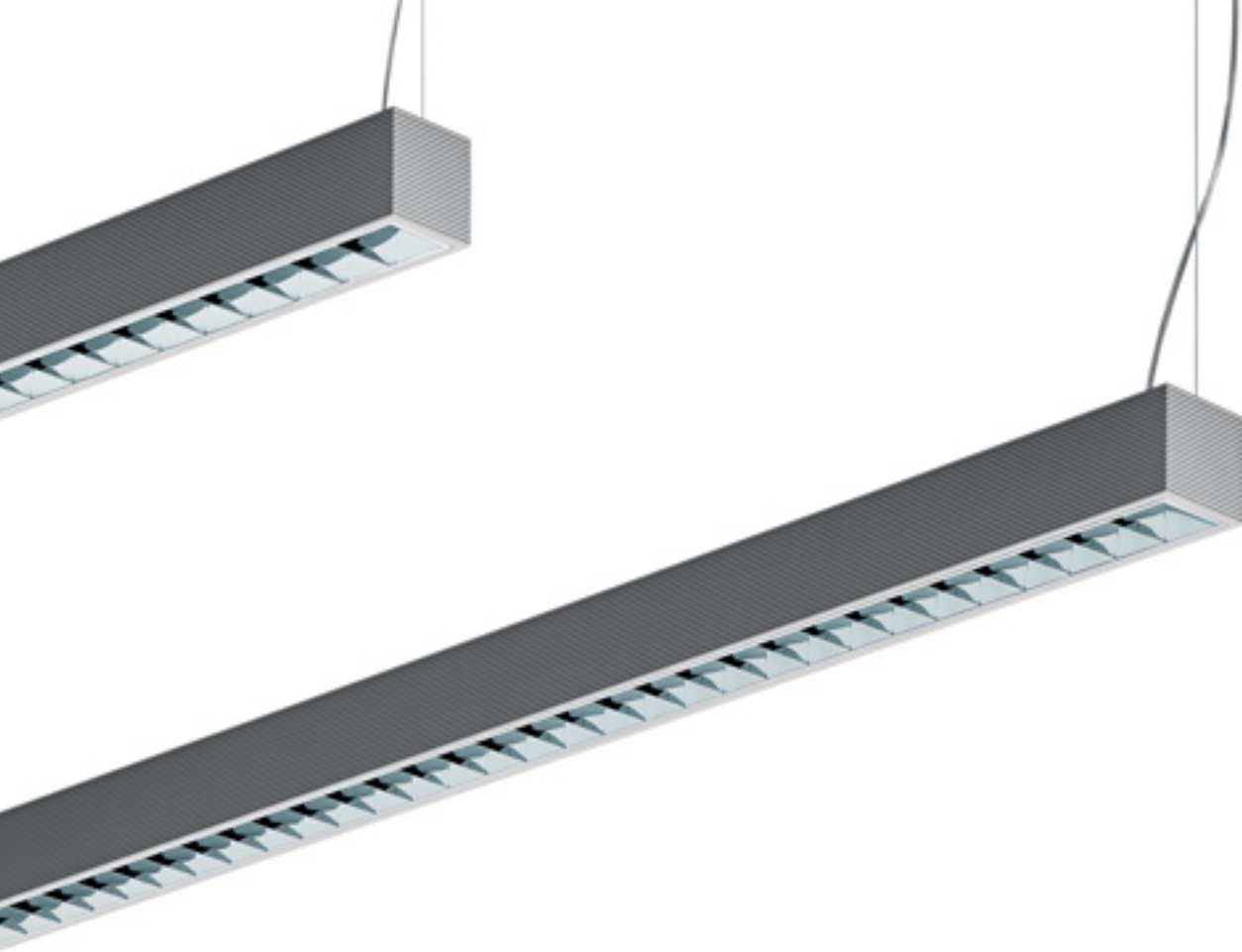
### KALIFA II SUSPENSION 2900 DUAL EMISSION

			<p>⊕ ⊖ IP20 96° ○ white 2 ● grey 9</p>	<p>T16 (G5) <b>Cd/Klm</b></p>						
					<p>T16-HO/FQ (G5) 54W = 4450lm</p>	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M1672.0</b></td> <td>T16 (G5) 2x1x54W non dimmable</td> <td>8,40kg</td> </tr> <tr> <td><b>M1672.1</b></td> <td>T16 (G5) 2x1x54W dimmable DALI</td> <td>8,40kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M1672.0</b>
CODE	LIGHT SOURCE	WEIGHT								
<b>M1672.0</b>	T16 (G5) 2x1x54W non dimmable	8,40kg								
<b>M1672.1</b>	T16 (G5) 2x1x54W dimmable DALI	8,40kg								

# KALIFA II SUSPENSION DIRECT EMISSION

 **MODUL**   
ELECTRO  
[www.modulelectro.ru](http://www.modulelectro.ru)

- SINGLE PENDANT LIGHT WITH DIRECT LIGHTING USING 28W AND 54W T16 FLUORESCENT LIGHT SOURCE.
- EXTRUDED ALUMINIUM BODY WITH A WHITE OR GREY PAINT FINISH, AVAILABLE IN LENGTHS OF 1188MM (1xT16) AND 2400MM (2xT16).
- SUPER PURE ALUMINIUM DARK LIGHT OPTICS.
- LIGHT OUTPUT RATIO: 82%.
- DARK LIGHT EMISSION IS IN COMPLIANCE WITH EN12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000CD/M<sup>2</sup> LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS.
- ELECTRONIC CONTROL GEAR, OR DALI-SWITCHDIM DIMMABLE ELECTRONIC CONTROL GEAR. EMERGENCY LIGHTING ON REQUEST.
- QUICK ADJUSTMENT STEEL SUSPENSION CABLES.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.



# MODUL

## KALIFA II SUSPENSION 1200 DIRECT EMISSION

ELECTRO

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	<p>⊕ ⊔ IP20 960° ○ white 2 ● grey 9</p>	<p>T16 (G5) Cd/Klm</p>															
<p>T16-HE/FH (G5) 28W = 2600lm</p> <p>T16-HO/FQ (G5) 54W = 4450lm</p>	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M1667.0</b></td> <td>T16 (G5) 1x28W non dimmable</td> <td>5,10kg</td> </tr> <tr> <td><b>M1669.0</b></td> <td>T16 (G5) 1x54W non dimmable</td> <td>5,10kg</td> </tr> <tr> <td><b>M1667.1</b></td> <td>T16 (G5) 1x28W dimmable DALI</td> <td>5,10kg</td> </tr> <tr> <td><b>M1669.1</b></td> <td>T16 (G5) 1x54W dimmable DALI</td> <td>5,10kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M1667.0</b>	T16 (G5) 1x28W non dimmable	5,10kg	<b>M1669.0</b>	T16 (G5) 1x54W non dimmable	5,10kg	<b>M1667.1</b>	T16 (G5) 1x28W dimmable DALI	5,10kg	<b>M1669.1</b>	T16 (G5) 1x54W dimmable DALI	5,10kg	
CODE	LIGHT SOURCE	WEIGHT															
<b>M1667.0</b>	T16 (G5) 1x28W non dimmable	5,10kg															
<b>M1669.0</b>	T16 (G5) 1x54W non dimmable	5,10kg															
<b>M1667.1</b>	T16 (G5) 1x28W dimmable DALI	5,10kg															
<b>M1669.1</b>	T16 (G5) 1x54W dimmable DALI	5,10kg															

## KALIFA II SUSPENSION 2400 DIRECT EMISSION

	<p>⊕ ⊔ IP20 960° ○ white 2 ● grey 9</p>	<p>T16 (G5) Cd/Klm</p>															
<p>T16-HE/FH (G5) 28W = 2600lm</p> <p>T16-HO/FQ (G5) 54W = 4450lm</p>	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M1668.0</b></td> <td>T16 (G5) 2x1x28W non dimmable</td> <td>8,90kg</td> </tr> <tr> <td><b>M1670.0</b></td> <td>T16 (G5) 2x1x54W non dimmable</td> <td>8,90kg</td> </tr> <tr> <td><b>M1668.1</b></td> <td>T16 (G5) 2x1x28W dimmable DALI</td> <td>8,90kg</td> </tr> <tr> <td><b>M1670.1</b></td> <td>T16 (G5) 2x1x54W dimmable DALI</td> <td>8,90kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M1668.0</b>	T16 (G5) 2x1x28W non dimmable	8,90kg	<b>M1670.0</b>	T16 (G5) 2x1x54W non dimmable	8,90kg	<b>M1668.1</b>	T16 (G5) 2x1x28W dimmable DALI	8,90kg	<b>M1670.1</b>	T16 (G5) 2x1x54W dimmable DALI	8,90kg	
CODE	LIGHT SOURCE	WEIGHT															
<b>M1668.0</b>	T16 (G5) 2x1x28W non dimmable	8,90kg															
<b>M1670.0</b>	T16 (G5) 2x1x54W non dimmable	8,90kg															
<b>M1668.1</b>	T16 (G5) 2x1x28W dimmable DALI	8,90kg															
<b>M1670.1</b>	T16 (G5) 2x1x54W dimmable DALI	8,90kg															

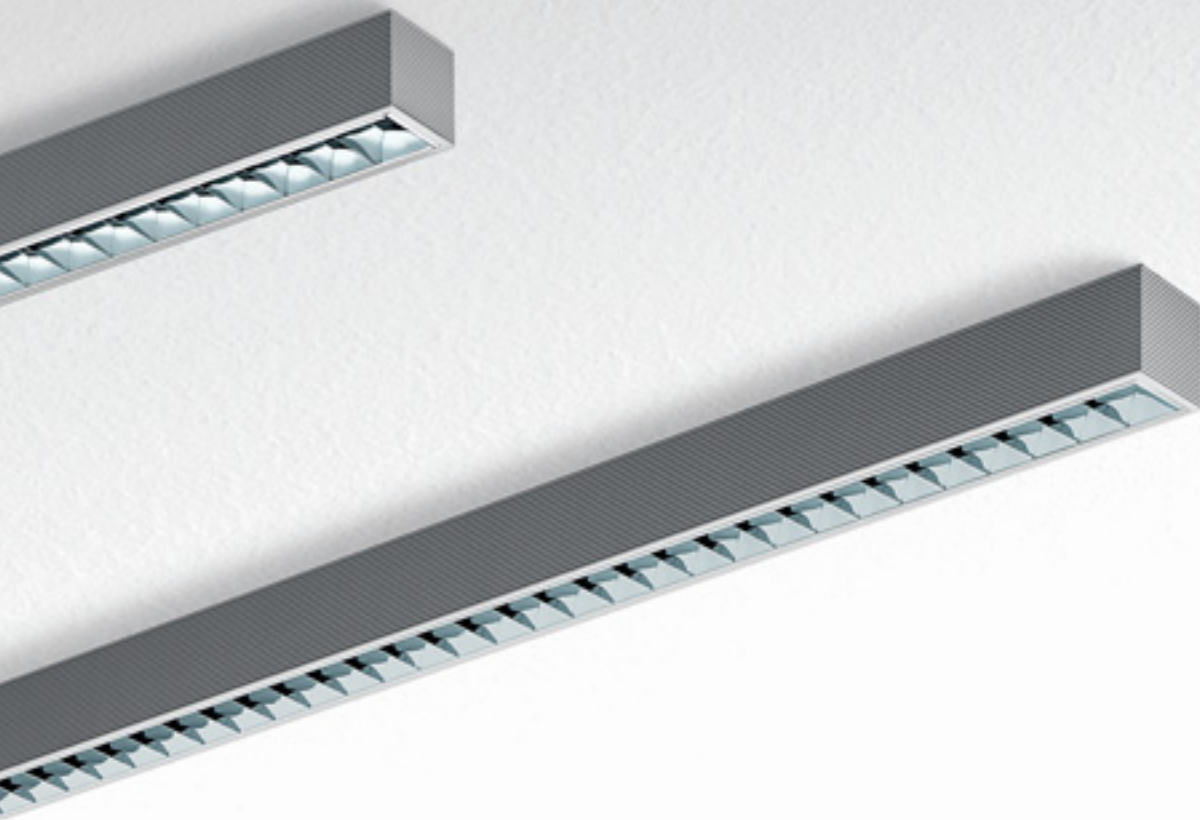
# KALIFA II CEILING

  
ELECTRO

[www.modulelectro.ru](http://www.modulelectro.ru)

- SINGLE CEILING LIGHT USING 28W AND 54W T16 FLUORESCENT LIGHT SOURCE.
- EXTRUDED ALUMINIUM BODY WITH A WHITE OR GREY PAINT FINISH, AVAILABLE IN LENGTHS OF 1188MM (1xT16) AND 2400MM (2xT16).
- SUPER PURE ALUMINIUM DARK LIGHT OPTICS.
- LIGHT OUTPUT RATIO: 82%.
- DARK LIGHT EMISSION IS IN COMPLIANCE WITH EN12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000CD/M<sup>2</sup> LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS.
- ELECTRONIC CONTROL GEAR, OR DALI-SWITCHDIM DIMMABLE ELECTRONIC CONTROL GEAR. EMERGENCY LIGHTING ON REQUEST.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.





# MODULO ELECTRO

## KALIFA II CEILING 1200

www.modulelectro.ru


⊕ ⚡ IP20 960° ○ white **2** ● grey **9**

	CODE	LIGHT SOURCE	WEIGHT
T16-HE/FH (G5) 28W = 2600lm	<b>M1813.0</b>	T16 (G5) 1x28W non dimmable	5,10kg
T16-HO/FQ (G5) 54W = 4450lm	<b>M1815.0</b>	T16 (G5) 1x54W non dimmable	5,10kg
	<b>M1813.1</b>	T16 (G5) 1x28W dimmable DALI	5,10kg
	<b>M1815.1</b>	T16 (G5) 1x54W dimmable DALI	5,10kg

## KALIFA II CEILING 2400

⊕ ⚡ IP20 960° ○ white **2** ● grey **9**

	CODE	LIGHT SOURCE	WEIGHT
T16-HE/FH (G5) 28W = 2600lm	<b>M1814.0</b>	T16 (G5) 2x1x28W non dimmable	8,90kg
T16-HO/FQ (G5) 54W = 4450lm	<b>M1816.0</b>	T16 (G5) 2x1x54W non dimmable	8,90kg
	<b>M1814.1</b>	T16 (G5) 2x1x28W dimmable DALI	8,90kg
	<b>M1816.1</b>	T16 (G5) 2x1x54W dimmable DALI	8,90kg



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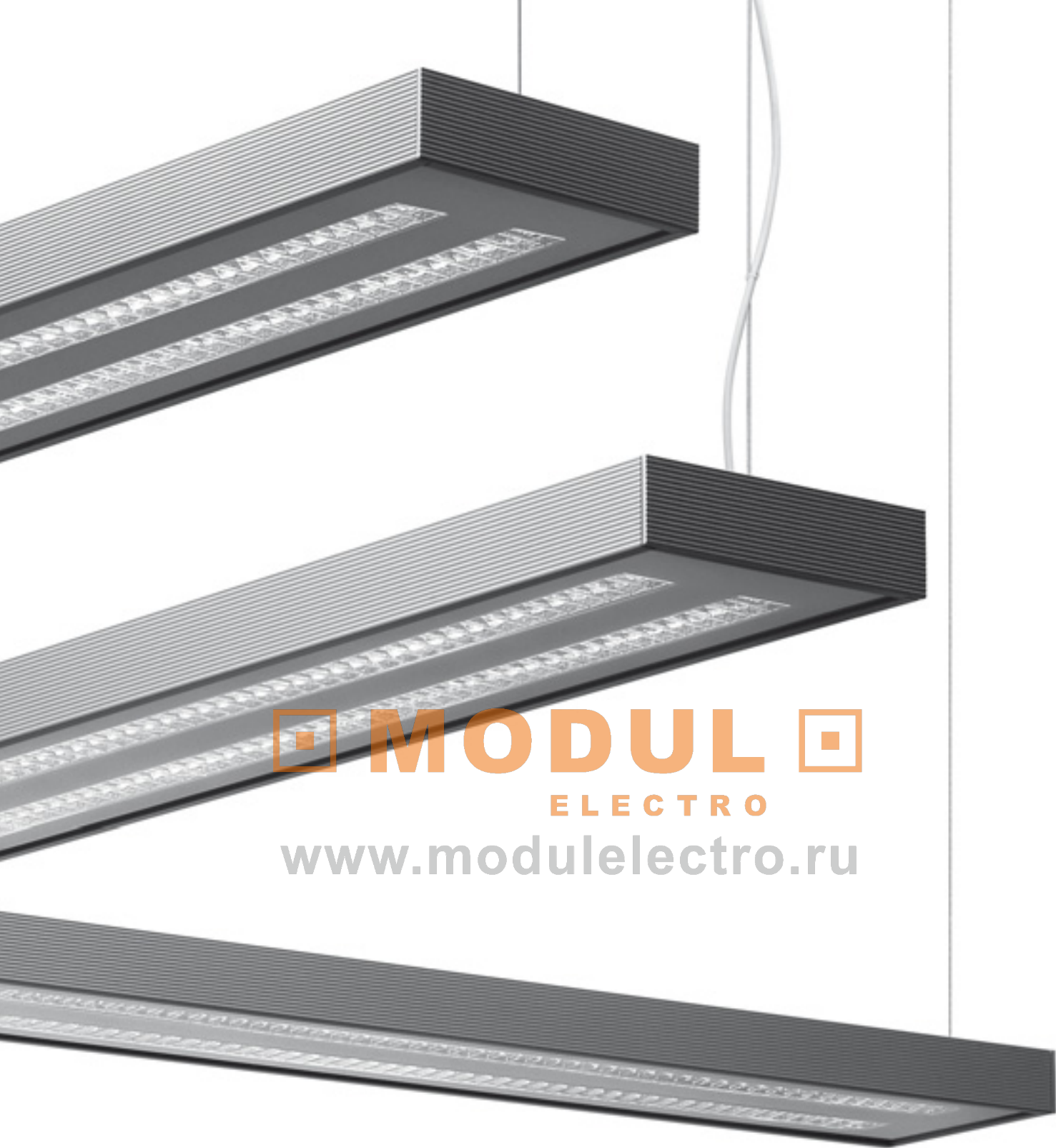
# KALIFA SYSTEM



  
ELECTRO


[www.modulelectro.ru](http://www.modulelectro.ru)

- DIRECT-INDIRECT MODULAR PENDANT SYSTEM USING 2x28W TO 2x54W T16 FLUORESCENT LAMPS.
- EXTRUDED ALUMINIUM BODY WITH A WHITE OR GREY PAINT FINISH, AND 4MM THICK SCREEN-PRINTED TEMPERED GLASS.
- DARKLIGHT EMISSION IS IN COMPLIANCE WITH EN12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000CD/M<sup>2</sup> LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS.
- LIGHT OUTPUT RATIO: 56%.
- LIGHT DISTRIBUTION: 61% INDIRECT AND 39% DIRECT.
- ELECTRONIC BALLAST, OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST, AND EMERGENCY LIGHTING.
- FOR CONTINUOUS LINEAR MOUNTING AND WITH 90° CONNECTORS.
- POLYCARBONATE DUST-PROTECTION SCREEN.
- QUICK ADJUSTMENT STEEL SUSPENSION CABLES.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.




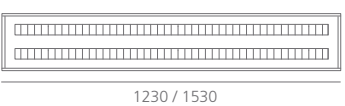
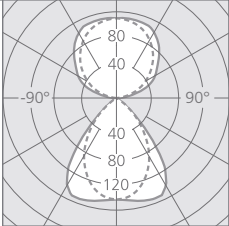


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# KALIFA SYSTEM


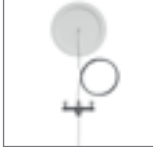







⊕ ⚡ IP20 850° ○ white 2 ● grey 9

T 16 (G5) Cd/Klm

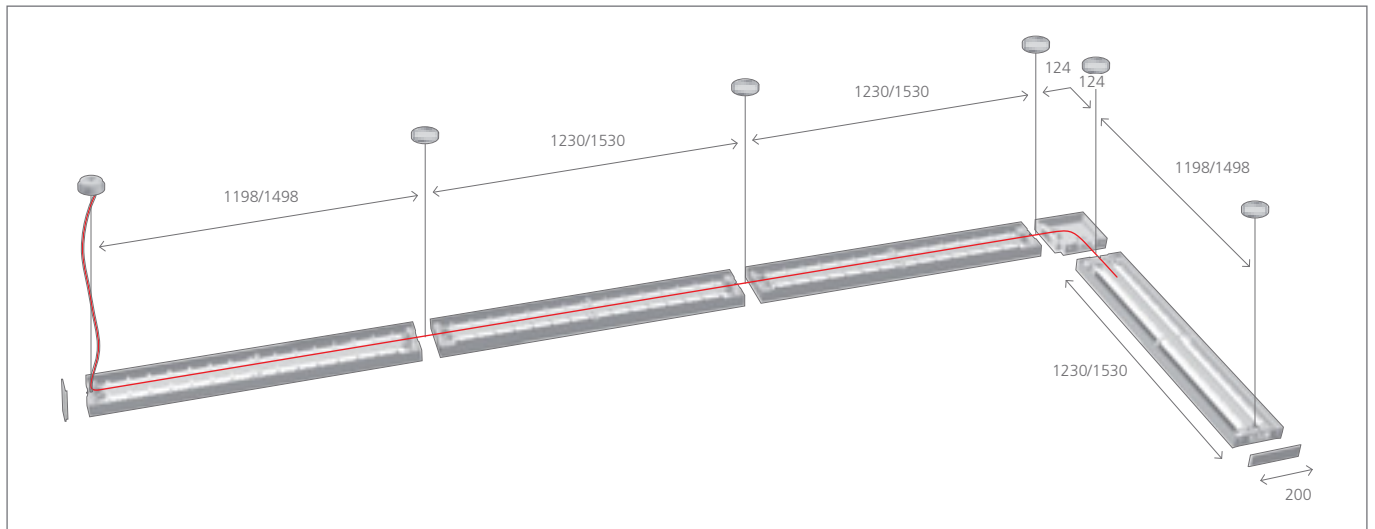
	CODE	LIGHT SOURCE	LENGTH	WEIGHT
T16-HE/FH (G5) 28W = 2600lm 35W = 3300lm	<b>M1654.0</b>	T16 (G5) 2x28W non dimmable	1230mm	6,60kg
T16-HO/FQ (G5) 54W = 4450lm	<b>M1656.0</b>	T16 (G5) 2x35W non dimmable	1530mm	8,20kg
	<b>M1655.0</b>	T16 (G5) 2x54W non dimmable	1230mm	6,60kg
	<b>M1655.7</b>	T16 (G5) 2x54W non dimmable + emergency 1h	1230mm	7,50kg
	<b>M1655.1</b>	T16 (G5) 2x54W dimmable DALI	1230mm	6,60kg

## KALIFA SYSTEM COMPONENTS

	<p><b>M1663.0</b> End cap (1 piece). 200x50x3mm.</p> <p>○ white 2 ● grey 9</p>		<p><b>M1661.0</b> Suspension cable. Ceiling plate Ø100mm. 1400mm.</p> <p>○ white 2 ● grey 9</p>
	<p><b>M1664.0</b> 90° connector (unwired). 224x224x50mm. 1,30kg.</p> <p>○ white 2 ● grey 9</p>		<p>Steel suspension wire with power feed cable. Ceiling plate Ø100mm. 1400mm.</p> <p><b>M1662.0</b> 3 wires (3x1,5mm²). <b>M1660.0</b> 5 wires (3x1,5mm² + 2x0,5mm²).</p> <p>○ white 2 ● grey 9</p>
	<p>INTERACTIVE-DALI components: see page 6.</p>		

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**ELECTRO**  
[www.modulelectro.ru](http://www.modulelectro.ru)

## KALIFA SYSTEM





# KALIFA WALL

- A RANGE OF WALL LAMPS WITH DIRECT-INDIRECT LIGHTING USING 1x24W AND 1x80W T16, AND 2x55W TC-LEL FLUORESCENT LAMPS.
- EXTRUDED ALUMINIUM BODY WITH WHITE OR GREY PAINT FINISH, AND 4MM THICK SCREEN-PRINTED TEMPERED GLASS.
- 3 SIZE OPTIONS: 100x587MM, 100x1487MM AND 211x587MM.
- LIGHT DISTRIBUTION: 82% INDIRECT AND 18% DIRECT (TC-LEL VERSION), 86% INDIRECT AND 14% DIRECT (T16).
- ELECTRONIC CONTROL GEAR.
- OPTIONAL EMERGENCY LIGHTING.
- POLYCARBONATE DUST-PROTECTION SCREEN.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

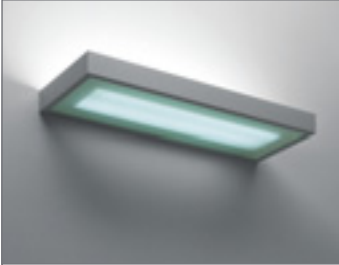
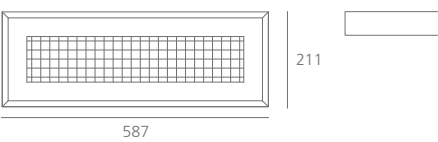
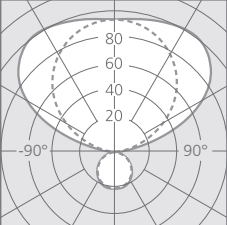


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## KALIFA WALL TC-LEL

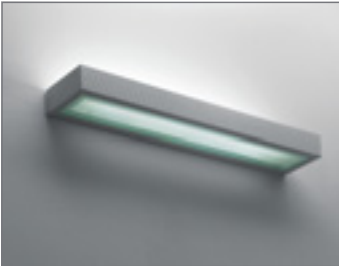
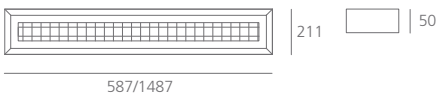
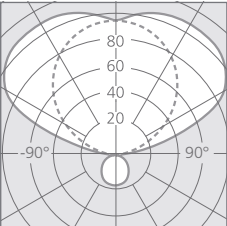
TC-LEL (2G11)  
55W = 4800lm

⊕ ⚡ IP20 850° ○ white 2 ● grey 9

CODE	LIGHT SOURCE	WEIGHT
M0243.0	TC-LEL (2G11) 2x55W non dimmable	3,20kg
M0243.7	TC-LEL (2G11) 2x55W non dimmable + emergency 1h	3,80kg

TC-LEL (2G11) Cd/Klm

## KALIFA WALL T16

T16-HO/FQ (G5)  
24W = 1750lm  
80W = 6150lm

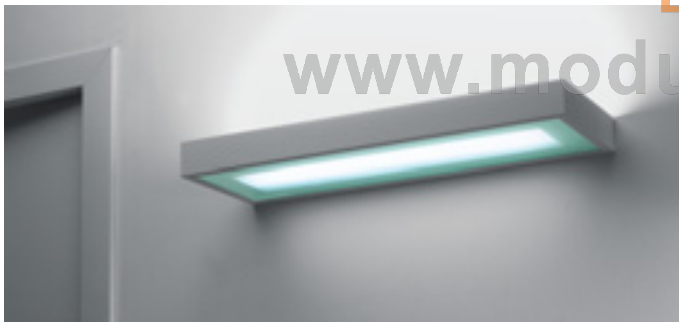
⊕ ⚡ IP20 850° ○ white 2 ● grey 9

CODE	LIGHT SOURCE	LENGTH	WEIGHT
M0241.0	T16 (G5) 1x24W non dimmable	587mm	1,90kg
M0242.0	T16 (G5) 1x80W non dimmable	1487mm	3,70kg

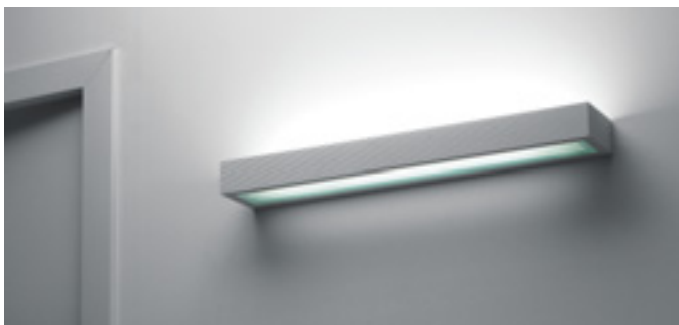
T16 (G5) Cd/Klm

**MODULO**  
**ELECTRO**

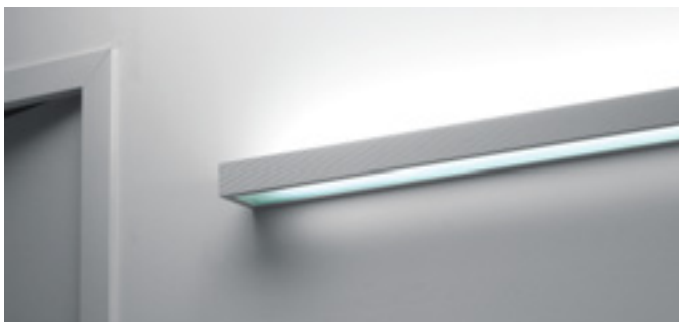
[www.modulelectro.ru](http://www.modulelectro.ru)



KALIFA WALL TC-LEL



KALIFA WALL T16 24W



KALIFA WALL T16 80W


# KALIFA FLOOR



MODULO  
ELECTRO


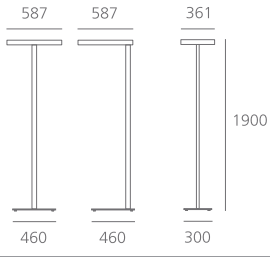
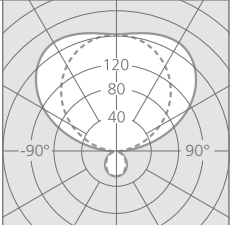





[www.modulelectro.ru](http://www.modulelectro.ru)

- A RANGE OF FLOOR LAMPS WITH DIRECT-INDIRECT LIGHTING USING 55W AND 80W TC-LEL FLUORESCENT LAMPS.
- OPTICAL UNIT AND POLE IN EXTRUDED ALUMINIUM WITH A WHITE OR GREY PAINT FINISH.
- STEEL BASE.
- 3 VERSIONS: **COMFORT**, **DARK LIGHT** AND **PRISMOPTIC**.
- 4MM THICK SCREEN-PRINTED TEMPERED GLASS **COMFORT** DIFFUSER: LIGHT DISTRIBUTION: 87% INDIRECT AND 13% DIRECT.
- ALUMINIUM **DARK LIGHT** OPTIC: LIGHT OUTPUT RATIO 62%. LIGHT DISTRIBUTION: 73% INDIRECT AND 27% DIRECT.
- POLYCARBONATE **PRISMOPTIC** DIFFUSER: LIGHT OUTPUT RATIO 70%. LIGHT DISTRIBUTION: 79% INDIRECT AND 21% DIRECT (**KALIFA FLOOR PRISMOPTIC I**).
- 4 LEVELS OF ELECTRONIC LIGHT MANAGEMENT: ELECTRONIC BALLAST WITH TWIN SWITCH (50%/100%), DIMMING CONTROL WITH MANUAL LIGHT INTENSITY ADJUSTMENT, MOVEMENT DETECTION WITH TIME-DELAYED OFF CONTROL, AND **INTERACTIVE-DALI** SYSTEM COMBINING A MOVEMENT DETECTOR AND A DAYLIGHT SENSOR FOR AUTO-REGULATION IN RELATION TO PEOPLE PRESENCE AND VARIATIONS IN DAYLIGHT.
- POLYCARBONATE DUST-PROTECTION SCREEN AS AN OPTIONAL EXTRA.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.


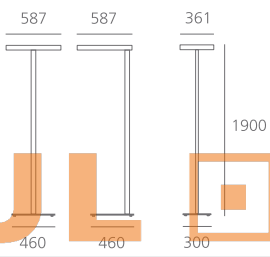
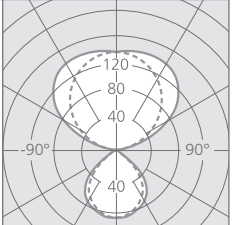






**MODUL**  
ELECTRO  
[www.modulelectro.ru](http://www.modulelectro.ru)


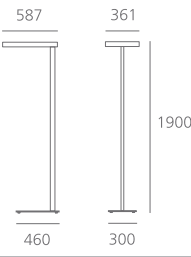
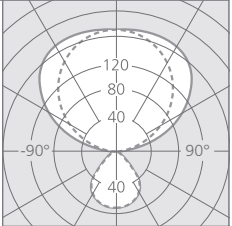





## KALIFA FLOOR COMFORT

			 IP20   white 2  grey 9																																			
				<b>TC-LEL (2G11)</b> 55W = 4800lm																																		
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## KALIFA FLOOR DARK LIGHT


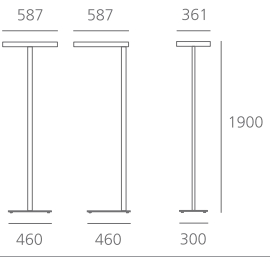
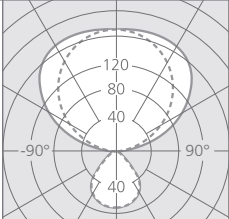
			 IP20  white 2  grey 9																																			
				<b>TC-LEL (2G11)</b> 55W = 4800lm																																		
<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>POLE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td>M1685.0</td> <td>TC-LEL (2G11) 4x55W non dimmable</td> <td>central</td> <td>15,00kg</td> </tr> <tr> <td>M1685.1</td> <td>TC-LEL (2G11) 4x55W dimmable</td> <td>central</td> <td>15,00kg</td> </tr> <tr> <td>M1685.6</td> <td>TC-LEL (2G11) 4x55W INTERACTIVE-DALI</td> <td>central</td> <td>15,00kg</td> </tr> <tr> <td>M1685.9</td> <td>TC-LEL (2G11) 4x55W movement detector</td> <td>central</td> <td>15,00kg</td> </tr> <tr> <td>M1686.0</td> <td>TC-LEL (2G11) 4x55W non dimmable</td> <td>side</td> <td>15,00kg</td> </tr> <tr> <td>M1686.1</td> <td>TC-LEL (2G11) 4x55W dimmable</td> <td>side</td> <td>15,00kg</td> </tr> <tr> <td>M1686.6</td> <td>TC-LEL (2G11) 4x55W INTERACTIVE-DALI</td> <td>side</td> <td>15,00kg</td> </tr> <tr> <td>M1686.9</td> <td>TC-LEL (2G11) 4x55W movement detector</td> <td>side</td> <td>15,00kg</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	POLE	WEIGHT	M1685.0	TC-LEL (2G11) 4x55W non dimmable	central	15,00kg	M1685.1	TC-LEL (2G11) 4x55W dimmable	central	15,00kg	M1685.6	TC-LEL (2G11) 4x55W INTERACTIVE-DALI	central	15,00kg	M1685.9	TC-LEL (2G11) 4x55W movement detector	central	15,00kg	M1686.0	TC-LEL (2G11) 4x55W non dimmable	side	15,00kg	M1686.1	TC-LEL (2G11) 4x55W dimmable	side	15,00kg	M1686.6	TC-LEL (2G11) 4x55W INTERACTIVE-DALI	side	15,00kg	M1686.9	TC-LEL (2G11) 4x55W movement detector	side	15,00kg	
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M1686.9	TC-LEL (2G11) 4x55W movement detector	side	15,00kg																																			

## KALIFA FLOOR PRISMOPTIC I

			 IP20   white 2  grey 9														
				<b>TC-LEL (2G11)</b> 55W = 4800lm													
<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td>M1684.0</td> <td>TC-LEL (2G11) 4x55W non dimmable</td> <td>14,00kg</td> </tr> <tr> <td>M1684.1</td> <td>TC-LEL (2G11) 4x55W dimmable</td> <td>14,00kg</td> </tr> <tr> <td>M1684.6</td> <td>TC-LEL (2G11) 4x55W INTERACTIVE-DALI</td> <td>14,00kg</td> </tr> <tr> <td>M1684.9</td> <td>TC-LEL (2G11) 4x55W movement detector</td> <td>14,00kg</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	WEIGHT	M1684.0	TC-LEL (2G11) 4x55W non dimmable	14,00kg	M1684.1	TC-LEL (2G11) 4x55W dimmable	14,00kg	M1684.6	TC-LEL (2G11) 4x55W INTERACTIVE-DALI	14,00kg	M1684.9	TC-LEL (2G11) 4x55W movement detector	14,00kg	
CODE	LIGHT SOURCE	WEIGHT															
M1684.0	TC-LEL (2G11) 4x55W non dimmable	14,00kg															
M1684.1	TC-LEL (2G11) 4x55W dimmable	14,00kg															
M1684.6	TC-LEL (2G11) 4x55W INTERACTIVE-DALI	14,00kg															
M1684.9	TC-LEL (2G11) 4x55W movement detector	14,00kg															




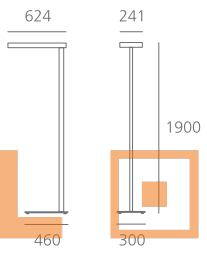
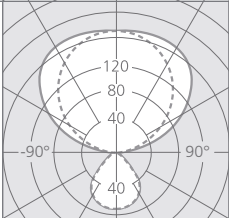
## KALIFA FLOOR PRISMOPTIC II

⊕ IP20   ○ white **2**   ● grey **9**

TC-LEL (2G11) 55W = 4800lm	CODE	LIGHT SOURCE	POLE	WEIGHT
	<b>M1687.0</b>	TC-LEL (2G11) 4x55W non dimmable	central	14,00kg
	<b>M1687.1</b>	TC-LEL (2G11) 4x55W dimmable	central	14,00kg
	<b>M1687.6</b>	TC-LEL (2G11) 4x55W INTERACTIVE-DALI	central	14,00kg
	<b>M1687.9</b>	TC-LEL (2G11) 4x55W movement detector	central	14,00kg
	<b>M1688.0</b>	TC-LEL (2G11) 4x55W non dimmable	side	14,00kg
	<b>M1688.1</b>	TC-LEL (2G11) 4x55W dimmable	side	14,00kg
	<b>M1688.6</b>	TC-LEL (2G11) 4x55W INTERACTIVE-DALI	side	14,00kg
	<b>M1688.9</b>	TC-LEL (2G11) 4x55W movement detector	side	14,00kg


## KALIFA FLOOR PRISMOPTIC III

⊕ IP20   ○ white **2**   ● grey **9**

TC-LEL (2G11) 80W = 6000lm	CODE	LIGHT SOURCE	WEIGHT
	<b>M1689.0</b>	TC-LEL (2G11) 2x80W non dimmable	13,50kg
	<b>M1689.1</b>	TC-LEL (2G11) 2x80W dimmable	13,50kg
	<b>M1689.6</b>	TC-LEL (2G11) 2x80W INTERACTIVE-DALI	13,50kg

## KALIFA FLOOR ACCESSORIES



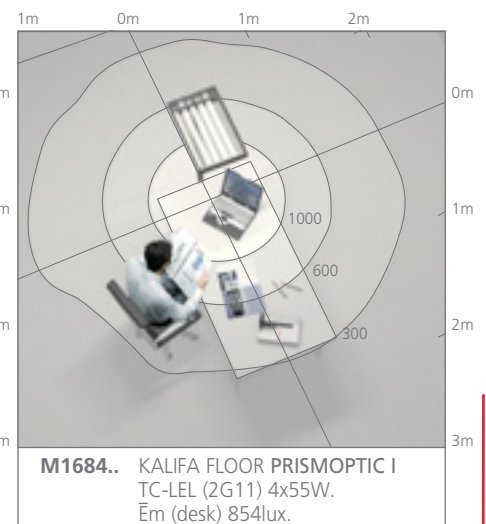
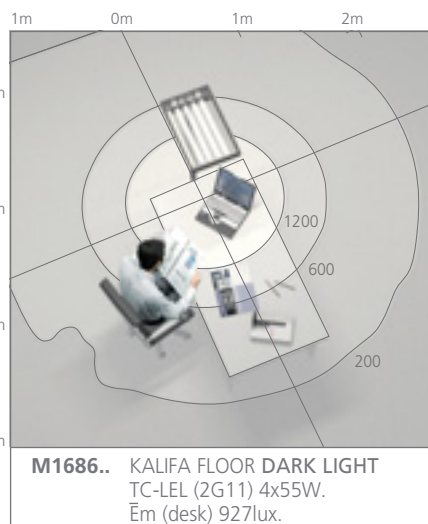
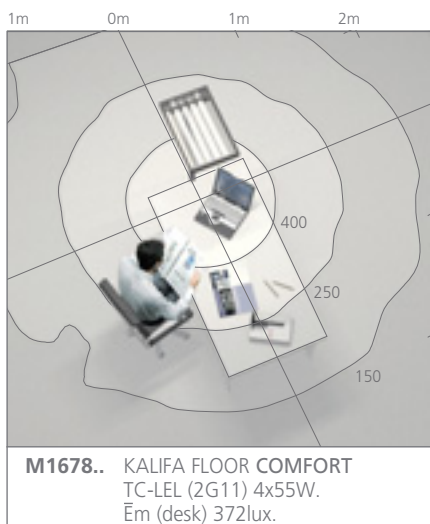
**M168200** Polycarbonate dust-protection screen. Suitable only for KALIFA FLOOR COMFORT or DARK LIGHT.



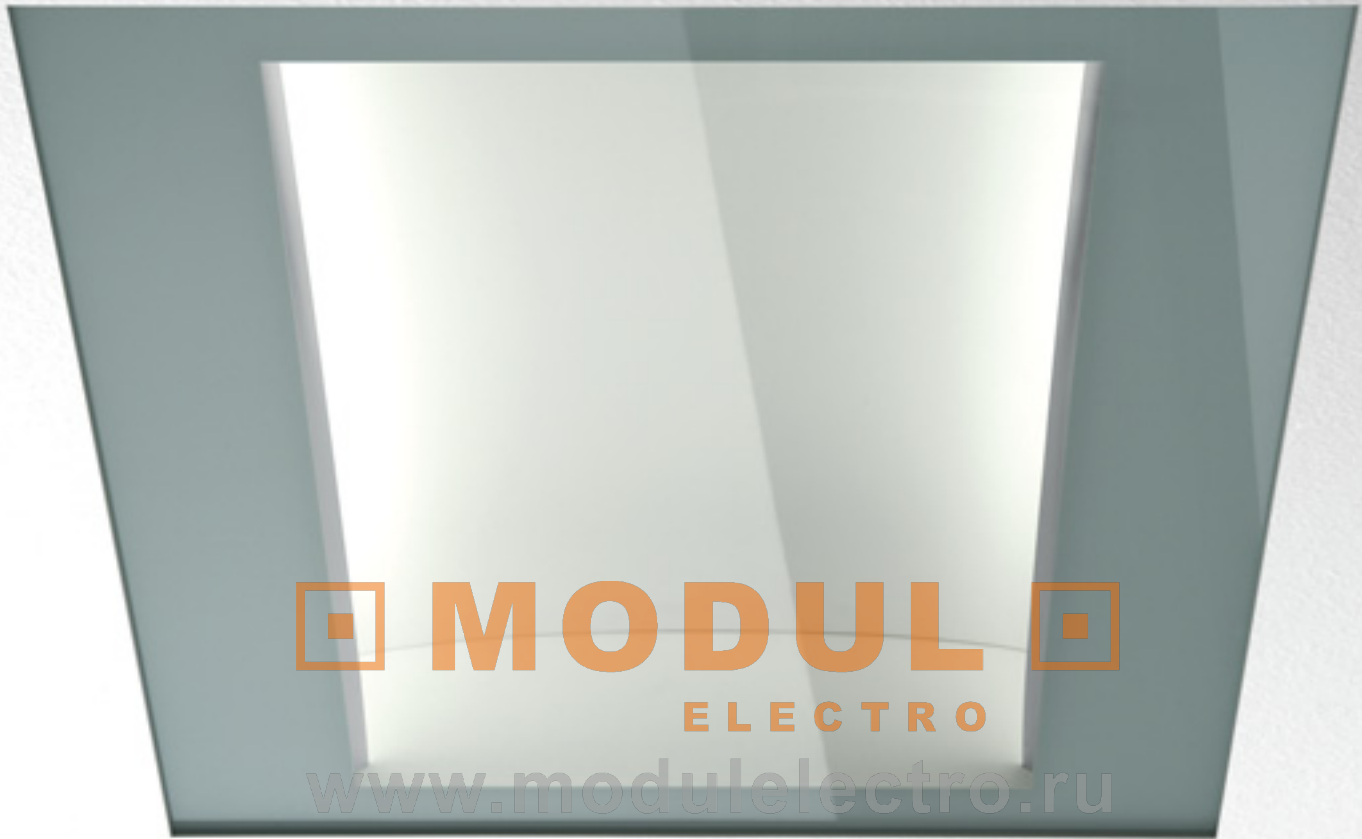
**M104900** INTERACTIVE-DALI remote control.

## KALIFA FLOOR ISOLUX

Calculation parameters for issuing isolux diagrams: Office with one work station. Length x width x height 5,00x5,00x2,70m. Reflectance factors ceiling/walls/floor: 70/50/20%. Working plane 1,60x0,80x0,75m. Maintenance factor 0,90WF.



# KALIFA RECESSED



- A RANGE OF RECESSED LUMINAIRES USING FLUORESCENT LAMPS, AVAILABLE IN 2 VERSIONS: **SOFT LIGHT** (2x55W TC-LEL), AND COMBINED EMISSION **DARK LIGHT + DIFFUSER** (4x24W T16).
- SUITABLE FOR INSTALLATION INTO FALSE CEILING SYSTEMS WITH 600x600MM AND 625x625MM MODULES, OR INTO PLASTERBOARD FALSE CEILINGS USING A SPECIAL RECESSING FRAME (OPTIONAL).
- ELECTRONIC OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST, OR EMERGENCY LIGHTING.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

#### SOFT LIGHT

STEEL MAIN REFLECTOR, WITH WHITE PAINT FINISH.  
4MM THICK SCREEN-PRINTED TEMPERED GLASS.

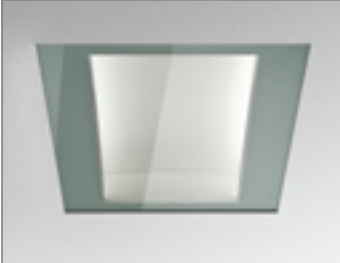
#### DARK LIGHT + DIFFUSER

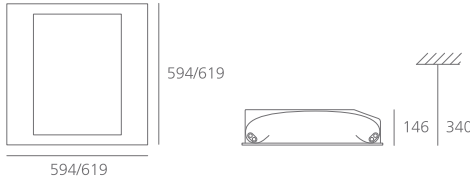
BODY IN GALVANIZED STEEL. 4MM THICK SCREEN-PRINTED TEMPERED DIFFUSING GLASS. DARK LIGHT OPTICS.

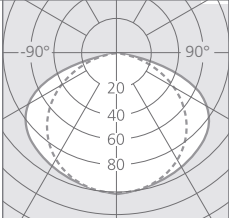


NORTH WOOLWICH LIBRARY, LONDON (UK), FAULKNERBROWNS ARCHITECTS.

## KALIFA RECESSED SOFT LIGHT






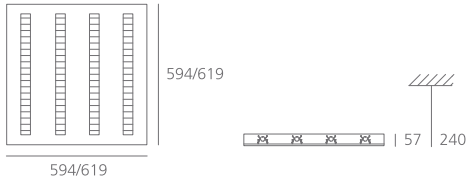


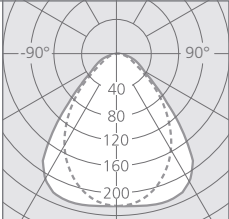
⊕ ⏚ IP40 850° IK10 (20j)

	CODE	LIGHT SOURCE	FALSE CEILING	WEIGHT
TC-LEL (2G11) 55W = 4800lm	<b>M160400</b>	TC-LEL (2G11) 2x55W non dimmable	600x600mm	9,90kg
	<b>M160401</b>	TC-LEL (2G11) 2x55W dimmable DALI	600x600mm	9,90kg
	<b>M160407</b>	TC-LEL (2G11) 2x55W non dimmable + emergency 1h	600x600mm	10,50kg
	<b>M160402</b>	TC-LEL (2G11) 2x55W non dimmable	625x625mm	10,30kg
	<b>M160421</b>	TC-LEL (2G11) 2x55W dimmable DALI	625x625mm	10,30kg

## KALIFA RECESSED DARK LIGHT + DIFFUSER







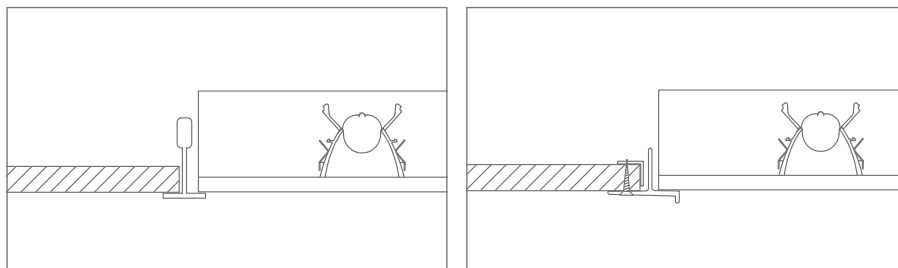
⊕ ⏚ IP40 850° IK10 (20j)

	CODE	LIGHT SOURCE	FALSE CEILING	WEIGHT
T16-HO/FQ (G5) 24W = 1950lm	<b>M160700</b>	T16 (G5) 4x24W non dimmable	600x600mm	9,20kg
	<b>M160701</b>	T16 (G5) 4x24W dimmable DALI	600x600mm	9,20kg
	<b>M160707</b>	T16 (G5) 4x24W non dimmable + emergency 1h	600x600mm	9,80kg
	<b>M160702</b>	T16 (G5) 4x24W non dimmable	625x625mm	9,60kg
	<b>M160721</b>	T16 (G5) 4x24W dimmable DALI	625x625mm	9,60kg

## KALIFA RECESSED ACCESSORIES

	Recess frame for installation on plasterboard false ceiling. <b>M160600</b> 600x600mm. □ 606x606mm. 0,90kg. <b>M160602</b> 625x625mm. □ 633x633mm. 0,94kg.	<b>INTERACTIVE-DALI TECHNOLOGY</b>	INTERACTIVE-DALI components: see page 6.
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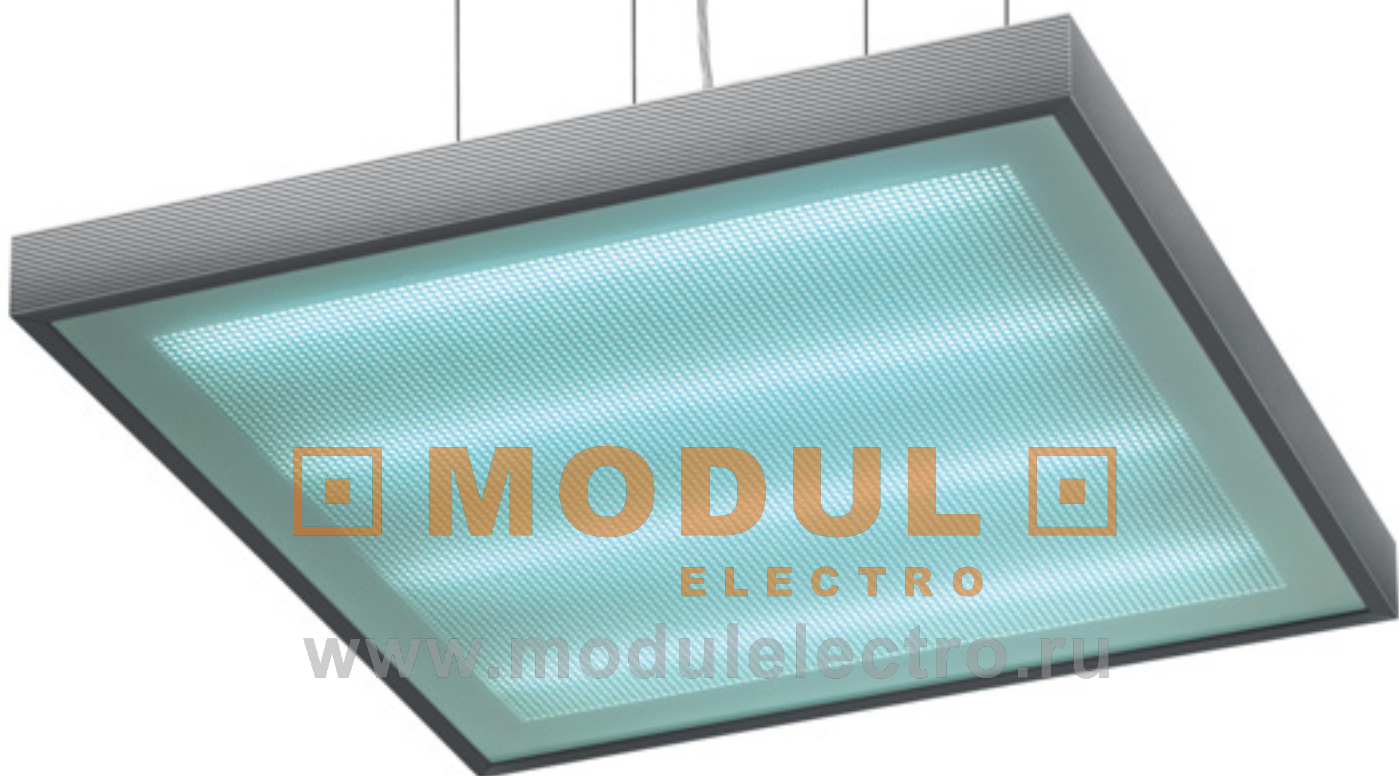
## KALIFA RECESSED INSTALLATION



INSTALLATION WITH LUMINAIRE INCORPORATED INTO THE 600/625 MODULAR CEILING STRUCTURE.

INSTALLATION INTO PLASTER CEILING WITH OPTIONAL RECESS FRAME (M160600 OR M160602).

# KALIFA CEILING KALIFA SUSPENSION



 **MODUL**   
ELECTRO

[www.modulelectro.ru](http://www.modulelectro.ru)

- A RANGE OF LUMINAIRES USING T16 FLUORESCENT LAMPS, AVAILABLE IN 2 VERSIONS: CEILING MOUNTED OR PENDANT.
- EXTRUDED ALUMINIUM BODY WITH WHITE OR GREY PAINT FINISH, AND 4MM THICK SCREEN-PRINTED TEMPERED GLASS.
- ELECTRONIC CONTROL GEAR.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

#### CEILING


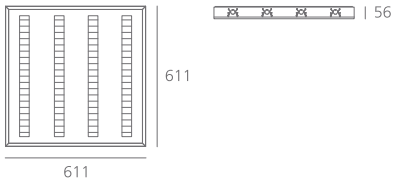
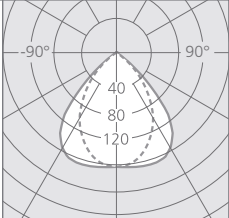
- CEILING FIXTURE USING 4x14W AND 4x24W T16 FLUORESCENT LAMPS.
- OPAQUE OR DIFFUSING SCREEN-PRINTED GLASS.
- DARK LIGHT OPTICS.
- LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS.

#### PENDANT


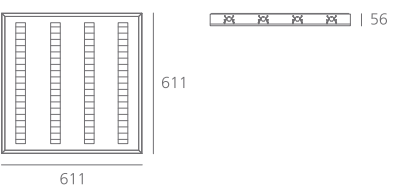
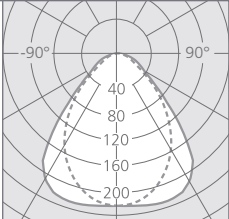
- SINGLE PENDANT WITH DIRECT-INDIRECT LIGHTING, USING 4x24W T16 FLUORESCENT LAMPS.
- LIGHT DISTRIBUTION: 81% INDIRECT AND 19% DIRECT.
- POLYCARBONATE DUST PROTECTION SCREEN.
- LUMINAIRE COMES COMPLETE WITH QUICK-ADJUSTMENT STEEL SUSPENSION CABLES, CEILING PLATE AND POWER CABLE.



## KALIFA CEILING DARK LIGHT + OPAQUE GLASS

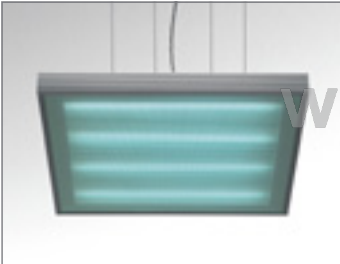
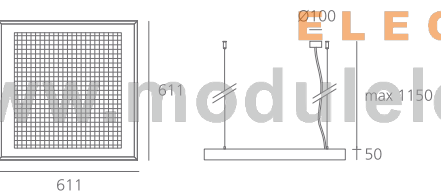
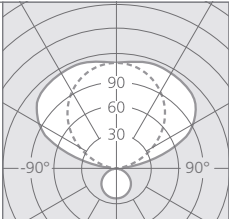
		
T16-HO/FQ (G5) 24W = 1750lm	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	T16 (G5) <b>Cd/Klm</b>
	<b>M1610.0</b> T16 (G5) 4x24W non dimmable    8,50kg	

## KALIFA CEILING DARK LIGHT + DIFFUSER

		
T16-HE/FH (G5) 14W = 1200lm	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	T16 (G5) <b>Cd/Klm</b>
T16-HO/FQ (G5) 24W = 1750lm	<b>M1611.0</b> T16 (G5) 4x14W non dimmable    10,40kg	
	<b>M1612.0</b> T16 (G5) 4x24W non dimmable    10,40kg	

**MODULO**



## KALIFA SUSPENSION

		
T16-HO/FQ (G5) 24W = 1750lm	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	T16 (G5) <b>Cd/Klm</b>
	<b>M1618.0</b> T16 (G5) 4x24W non dimmable    8,50kg	



ADECCO ITALIA, MILAN (I), ARCH. MOSCHENI.

NOTA BENE

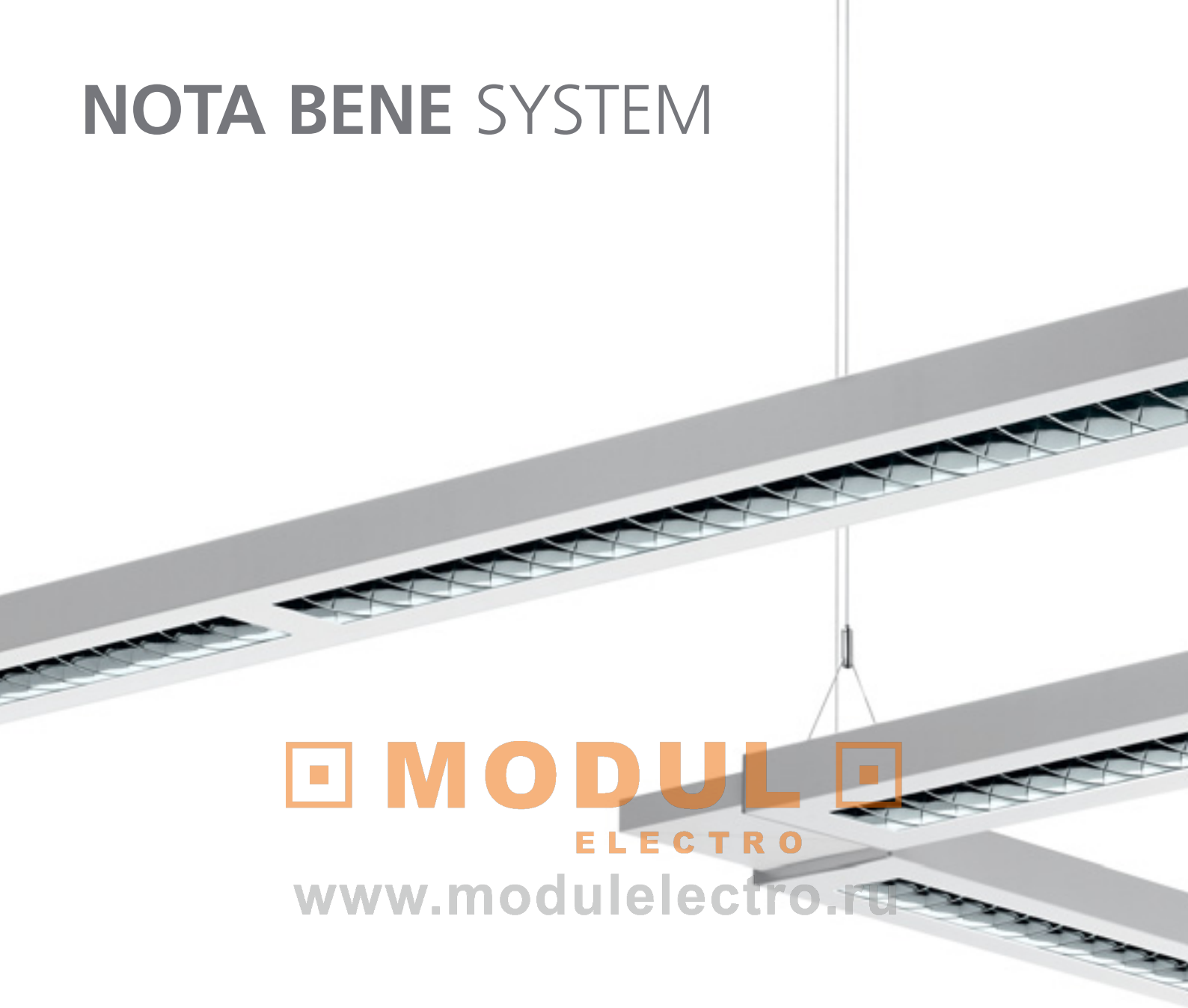
 **MODUL**   
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# NOTA BENE SYSTEM





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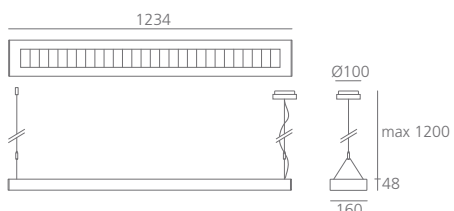
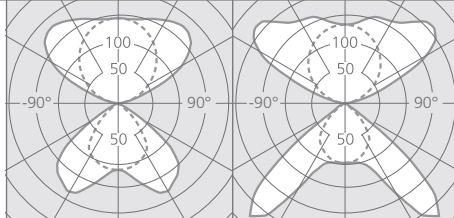

- PENDANT SYSTEM WITH DIRECT-INDIRECT LIGHTING USING 28W AND 54W T16 FLUORESCENT LAMPS.
- AVAILABLE AS A SINGLE PENDANT LIGHT OR AS A MODULAR SYSTEM.
- STEEL BODY WITH A WHITE OR GREY PAINT FINISH, AVAILABLE IN LENGTHS OF 1234MM AND 2416MM.
- DARK LIGHT OPTIC MADE FROM SUPER PURE ALUMINIUM.
- DARK LIGHT EMISSION IS IN COMPLIANCE WITH EN 12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000 CD/M<sup>2</sup> LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS.
- LIGHT OUTPUT RATIO: 91% (1xT16) AND 87% (2xT16).
- LIGHT DISTRIBUTION: 65% INDIRECT AND 35% DIRECT (1xT16), 63% INDIRECT AND 37% DIRECT (2xT16).
- ELECTRONIC BALLAST OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST.
- THE SYSTEM COMPRISES OF POWER SUPPLY UNITS WITH CEILING PLATE AND POWER SUPPLY CABLE, AND CONTINUITY MODULES.
- INTERMODULE MECHANICAL CONNECTION BY LINEAR OR 90° CONNECTORS.
- ELECTRICAL CONNECTION VIA QUICK CONNECTORS.
- QUICK ADJUSTMENT STEEL SUSPENSION CABLES.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.




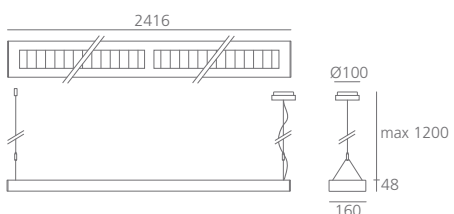
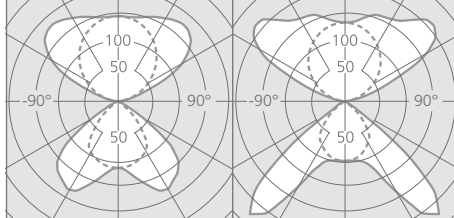



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## NOTA BENE SUSPENSION 1200

																											
				2xT16 (G5) <b>Cd/Klm</b> 1xT16 (G5) <b>Cd/Klm</b>																							
T16-HE/FH (G5) 28W = 2600lm T16-HO/FQ (G5) 54W = 4450lm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M1066.0</b></td> <td>T16 (G5) 1x28W non dimmable</td> <td>1234mm</td> <td>4,10kg</td> </tr> <tr> <td><b>M1067.0</b></td> <td>T16 (G5) 2x28W non dimmable</td> <td>1234mm</td> <td>4,20kg</td> </tr> <tr> <td><b>M1070.0</b></td> <td>T16 (G5) 1x54W non dimmable</td> <td>1234mm</td> <td>4,10kg</td> </tr> <tr> <td><b>M1071.0</b></td> <td>T16 (G5) 2x54W non dimmable</td> <td>1234mm</td> <td>4,20kg</td> </tr> <tr> <td><b>M1071.1</b></td> <td>T16 (G5) 2x54W dimmable DALI</td> <td>1234mm</td> <td>4,20kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>M1066.0</b>	T16 (G5) 1x28W non dimmable	1234mm	4,10kg	<b>M1067.0</b>	T16 (G5) 2x28W non dimmable	1234mm	4,20kg	<b>M1070.0</b>	T16 (G5) 1x54W non dimmable	1234mm	4,10kg	<b>M1071.0</b>	T16 (G5) 2x54W non dimmable	1234mm	4,20kg	<b>M1071.1</b>	T16 (G5) 2x54W dimmable DALI	1234mm	4,20kg		
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<b>M1071.1</b>	T16 (G5) 2x54W dimmable DALI	1234mm	4,20kg																								

## NOTA BENE SUSPENSION 2400

																											
				2xT16 (G5) <b>Cd/Klm</b> 1xT16 (G5) <b>Cd/Klm</b>																							
T16-HE/FH (G5) 28W = 2600lm T16-HO/FQ (G5) 54W = 4450lm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M1068.0</b></td> <td>T16 (G5) 2x1x28W non dimmable</td> <td>2416mm</td> <td>7,90kg</td> </tr> <tr> <td><b>M1069.0</b></td> <td>T16 (G5) 2x2x28W non dimmable</td> <td>2416mm</td> <td>8,10kg</td> </tr> <tr> <td><b>M1072.0</b></td> <td>T16 (G5) 2x1x54W non dimmable</td> <td>2416mm</td> <td>7,90kg</td> </tr> <tr> <td><b>M1073.0</b></td> <td>T16 (G5) 2x2x54W non dimmable</td> <td>2416mm</td> <td>8,10kg</td> </tr> <tr> <td><b>M1073.1</b></td> <td>T16 (G5) 2x2x54W dimmable DALI</td> <td>2416mm</td> <td>8,10kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>M1068.0</b>	T16 (G5) 2x1x28W non dimmable	2416mm	7,90kg	<b>M1069.0</b>	T16 (G5) 2x2x28W non dimmable	2416mm	8,10kg	<b>M1072.0</b>	T16 (G5) 2x1x54W non dimmable	2416mm	7,90kg	<b>M1073.0</b>	T16 (G5) 2x2x54W non dimmable	2416mm	8,10kg	<b>M1073.1</b>	T16 (G5) 2x2x54W dimmable DALI	2416mm	8,10kg		
CODE	LIGHT SOURCE	LENGTH	WEIGHT																								
<b>M1068.0</b>	T16 (G5) 2x1x28W non dimmable	2416mm	7,90kg																								
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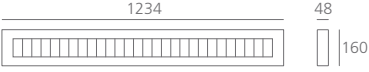
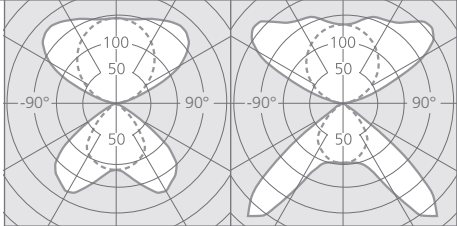

## NOTA BENE SUSPENSION ACCESSORIES

<b>INTERACTIVE-DALI TECHNOLOGY</b>	INTERACTIVE-DALI components: see page 6.
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NOTA BENE SYSTEM WITH LINEAR CONNECTOR.

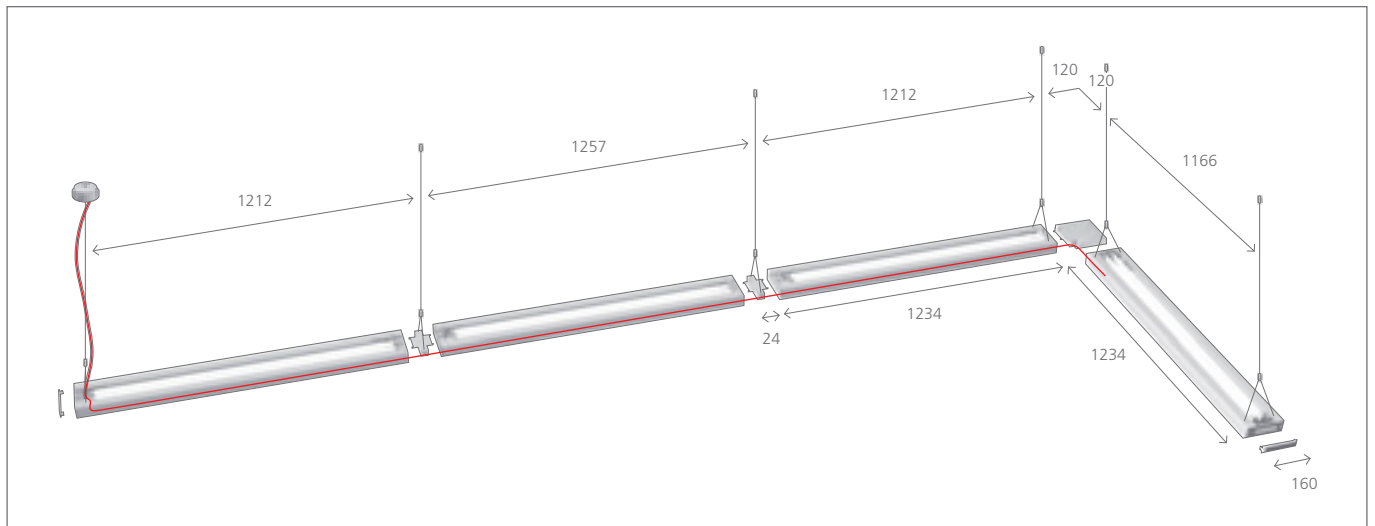
# NOTA BENE SYSTEM

			
		<b>2xT16 (G5) Cd/Klm</b>	<b>1xT16 (G5) Cd/Klm</b>
<b>T16-HE/FH (G5)</b> 28W = 2600lm <b>T16-HO/FQ (G5)</b> 54W = 4450lm	<b>CODE</b>	<b>LIGHT SOURCE</b>	<b>WEIGHT</b>
<b>FEEDER MODULES</b>			
<b>M1084.0</b>	T16 (G5) 1x28W	non dimmable	3,90kg
<b>M1085.0</b>	T16 (G5) 2x28W	non dimmable	4,00kg
<b>M1075.0</b>	T16 (G5) 1x54W	non dimmable	3,90kg
<b>M1076.0</b>	T16 (G5) 2x54W	non dimmable	4,00kg
<b>M1076.7</b>	T16 (G5) 2x54W	non dimmable + emergency 1h	4,60kg
<b>M1076.1</b>	T16 (G5) 2x54W	dimmable DALI	4,00kg
<b>CONTINUITY MODULES</b>			
<b>M1086.0</b>	T16 (G5) 1x28W	non dimmable	3,70kg
<b>M1087.0</b>	T16 (G5) 2x28W	non dimmable	3,80kg
<b>M1077.0</b>	T16 (G5) 1x54W	non dimmable	3,70kg
<b>M1078.0</b>	T16 (G5) 2x54W	non dimmable	3,80kg
<b>M1078.7</b>	T16 (G5) 2x54W	non dimmable + emergency 1h	4,40kg
<b>M1078.1</b>	T16 (G5) 2x54W	dimmable DALI	3,80kg

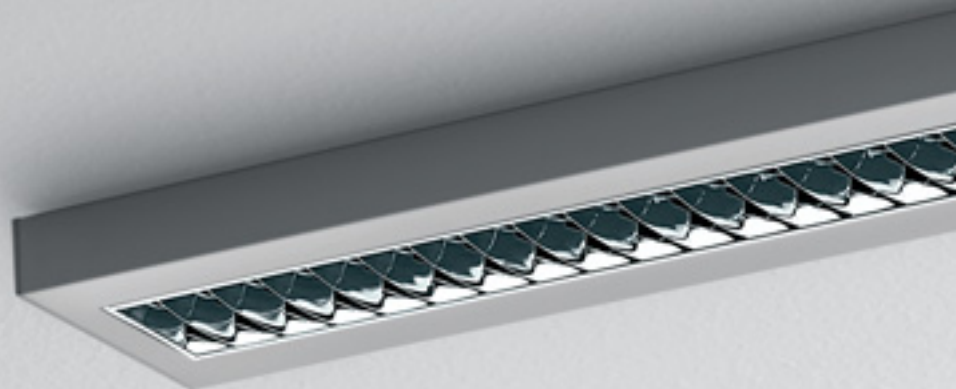
## NOTA BENE SYSTEM COMPONENTS

	<b>M108020</b> Decorative end cover (set of 2). ● grey		<b>M108320</b> Steel suspension cable. 1200mm.
	<b>M1081.0</b> Linear connector. 23x139x27mm. ○ white 2 ● grey 9	<b>INTERACTIVE-DALI TECHNOLOGY</b> INTERACTIVE-DALI components: see page 6.	
	<b>M1082.0</b> L-shaped connector. 160x160x27mm. ○ white 2 ● grey 9		

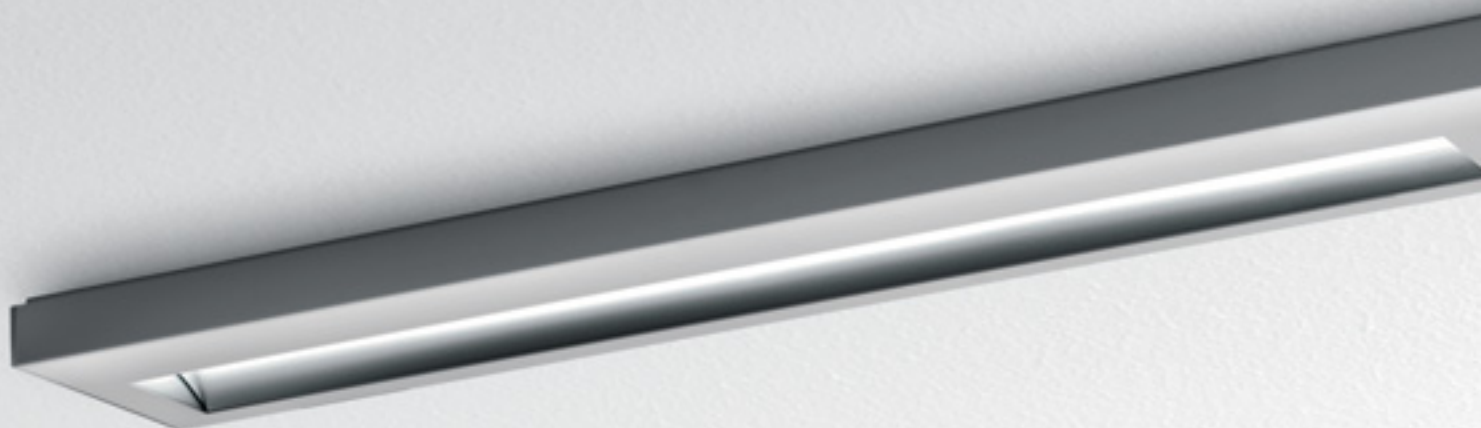
# NOTA BENE SYSTEM



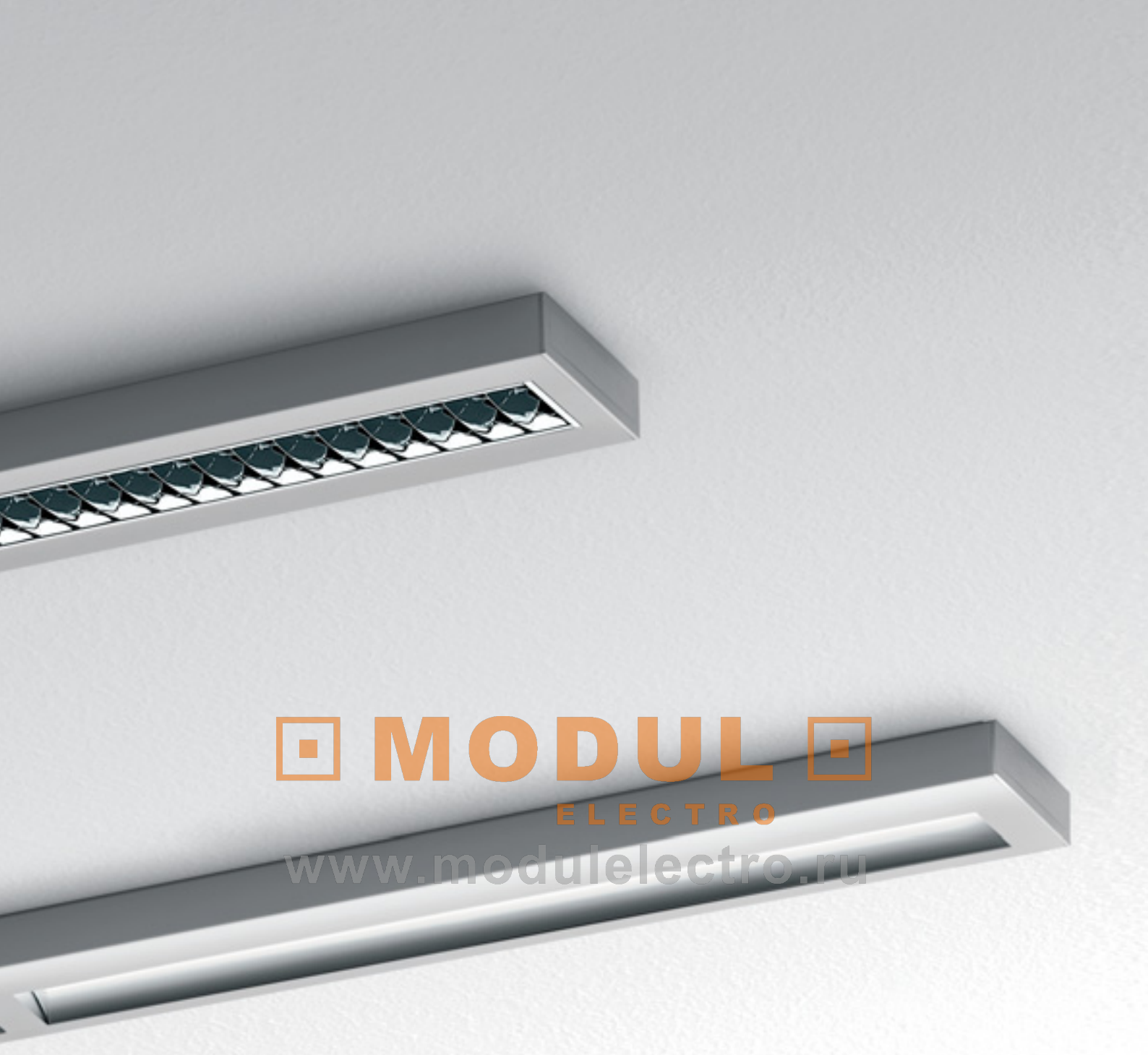
# NOTA BENE CEILING



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- SINGLE CEILING LIGHTS USING 1x54W OR 2x54W T16 FLUORESCENT LIGHT SOURCE.
- TWO LIGHTING OPTIONS: DARK LIGHT AND WALL WASHER.
- STEEL BODY WITH A WHITE OR GREY PAINT FINISH.
- ELECTRONIC CONTROL GEAR, WITH OR WITHOUT DIMMING (DALI-SWITCHDIM).
- LAMPS CAN BE MAINTAINED WITHOUT REMOVING THE LUMINAIRE.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.


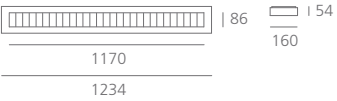
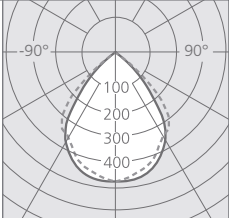

**NOTA BENE CEILING DARK LIGHT**

- SUPER PURE ALUMINUM DARK LIGHT OPTICS.
- DARK LIGHT EMISSION IS IN COMPLIANCE WITH EN 12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000CD/M<sup>2</sup> LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS.
- LIGHT OUTPUT RATIO 71%.
- EMERGENCY LIGHTING AS AN OPTIONAL EXTRA.


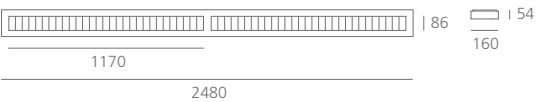
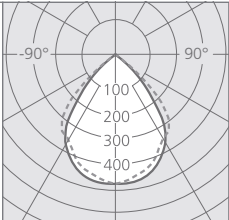

**NOTA BENE CEILING WALL WASHER**

- ASYMMETRIC ALUMINUM REFLECTOR.

## NOTA BENE CEILING 1200 DARK LIGHT


																		
	IP20 850°  white <b>2</b> ● grey <b>9</b>		T16 (G5) <b>Cd/Klm</b>															
T16-HO/FQ (G5) 54W = 4450lm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M1090.0</b></td> <td>T16 (G5) 1x54W non dimmable</td> <td>1234mm</td> <td>4,10kg</td> </tr> <tr> <td><b>M1090.7</b></td> <td>T16 (G5) 1x54W non dimmable + emergency 1h</td> <td>1234mm</td> <td>4,80kg</td> </tr> <tr> <td><b>M1090.1</b></td> <td>T16 (G5) 1x54W dimmable DALI</td> <td>1234mm</td> <td>4,20kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>M1090.0</b>	T16 (G5) 1x54W non dimmable	1234mm	4,10kg	<b>M1090.7</b>	T16 (G5) 1x54W non dimmable + emergency 1h	1234mm	4,80kg	<b>M1090.1</b>	T16 (G5) 1x54W dimmable DALI	1234mm	4,20kg	
CODE	LIGHT SOURCE	LENGTH	WEIGHT															
<b>M1090.0</b>	T16 (G5) 1x54W non dimmable	1234mm	4,10kg															
<b>M1090.7</b>	T16 (G5) 1x54W non dimmable + emergency 1h	1234mm	4,80kg															
<b>M1090.1</b>	T16 (G5) 1x54W dimmable DALI	1234mm	4,20kg															

## NOTA BENE CEILING 2400 DARK LIGHT


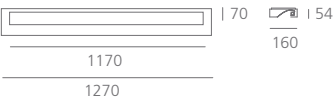
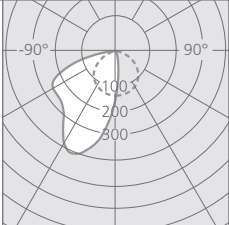
														
	IP20 850°  white <b>2</b> ● grey <b>9</b>		T16 (G5) <b>Cd/Klm</b>											
T16-HO/FQ (G5) 54W = 4450lm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M1091.0</b></td> <td>T16 (G5) 2x1x54W non dimmable</td> <td>2480mm</td> <td>7,90kg</td> </tr> <tr> <td><b>M1091.1</b></td> <td>T16 (G5) 2x1x54W dimmable DALI</td> <td>2480mm</td> <td>8,10kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>M1091.0</b>	T16 (G5) 2x1x54W non dimmable	2480mm	7,90kg	<b>M1091.1</b>	T16 (G5) 2x1x54W dimmable DALI	2480mm	8,10kg	
CODE	LIGHT SOURCE	LENGTH	WEIGHT											
<b>M1091.0</b>	T16 (G5) 2x1x54W non dimmable	2480mm	7,90kg											
<b>M1091.1</b>	T16 (G5) 2x1x54W dimmable DALI	2480mm	8,10kg											

## NOTA BENE CEILING ACCESSORIES


INTERACTIVE-DALI TECHNOLOGY	INTERACTIVE-DALI components: see page 6.
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## NOTA BENE CEILING 1200 WALL WASHER

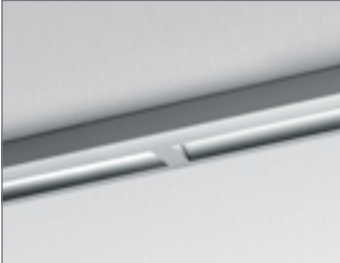

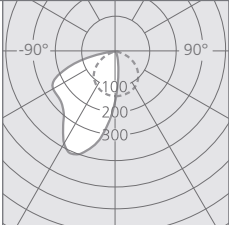
T16-HO/FQ (G5)  
54W = 4450lm

⊕ ⚡ IP20 850°  ○ white **2** ● grey **9**


T16 (G5) Cd/Klm

CODE	LIGHT SOURCE	LENGTH	WEIGHT
<b>M1092.0</b>	T16 (G5) 1x54W non dimmable	1271mm	4,10kg
<b>M1092.1</b>	T16 (G5) 1x54W dimmable DALI	1271mm	4,20kg

## NOTA BENE CEILING 2400 WALL WASHER

T16-HO/FQ (G5)  
54W = 4450lm

⊕ ⚡ IP20 850°  ○ white **2** ● grey **9**

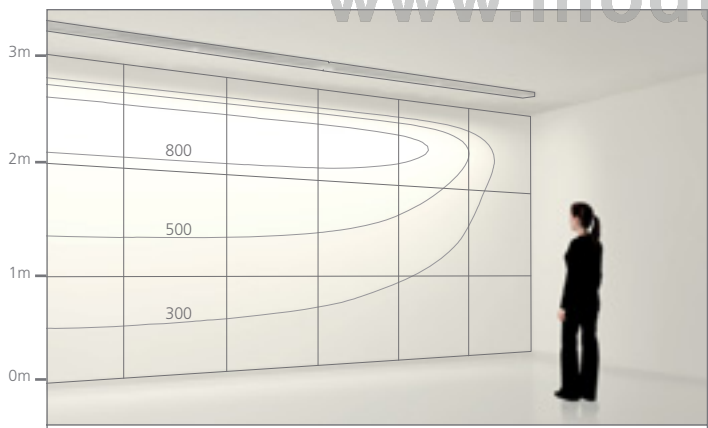
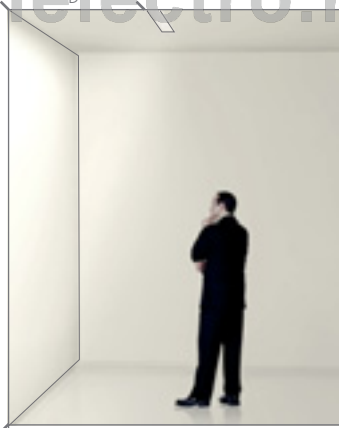
T16 (G5) Cd/Klm

CODE	LIGHT SOURCE	LENGTH	WEIGHT
<b>M1093.0</b>	T16 (G5) 2x1x54W non dimmable	2480mm	7,90kg
<b>M1093.1</b>	T16 (G5) 2x1x54W dimmable DALI	2480mm	8,10kg

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## NOTA BENE CEILING WALL WASHER ISOLUX

Calculation parameters for issuing isolux curve diagrams 54W (n luminaires in continuous line): Length x height 10,00x3,00m. Reflectance factors ceiling/walls/floor 70/50/20%. Distance from wall to illuminate 1,00m. Distance from side wall 1,00m. Maintenance factor 0,90WF.

**M1092.0** (n luminaires in continuous line)  
Light source T16 (G5) 54W  
Em (wall) 500lux

$D=H/3$

# TALO SYSTEM


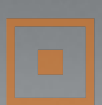
design NEIL POULTON

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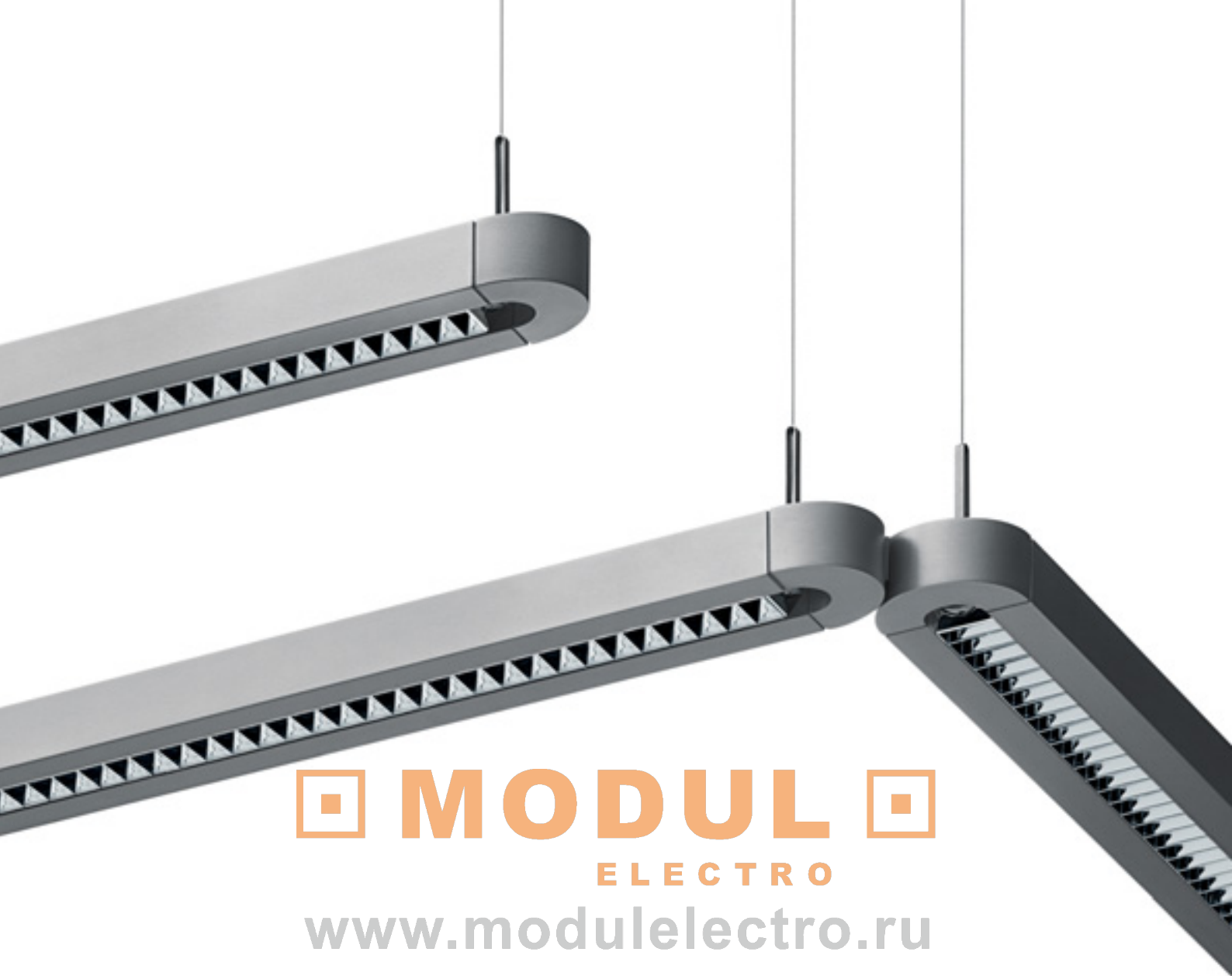


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# TALO SYSTEM

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- DIRECT-INDIRECT PENDANT SYSTEM USING 1x54W, 1x80W AND 2x54W T16 FLUORESCENT LAMPS.
- AVAILABLE AS A SINGLE PENDANT LIGHT OR AS A MODULAR SYSTEM.
- EXTRUDED ALUMINIUM BODY WITH A WHITE OR GREY PAINT FINISH.
- END PIECES IN DIE-CAST ALUMINIUM.
- DARK LIGHT EMISSION IS IN COMPLIANCE WITH EN 12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000 CD/M<sup>2</sup> LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS.
- LIGHT OUTPUT RATIO: 62%.
- LIGHT DISTRIBUTION: 50% INDIRECT AND 50% DIRECT.
- ELECTRONIC BALLAST OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST, AND EMERGENCY LIGHTING.
- THE SYSTEM COMPRISES OF POWER SUPPLY UNITS WITH CEILING PLATE AND POWER SUPPLY CABLE, AND CONTINUITY MODULES.
- INTERMODULE MECHANICAL CONNECTION BY LINEAR OR 90° CONNECTORS.
- ELECTRICAL CONNECTION VIA QUICK CONNECTORS.
- QUICK ADJUSTMENT STEEL SUSPENSION CABLES.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.




PALAZZO ITALIA, BERLIN (D)




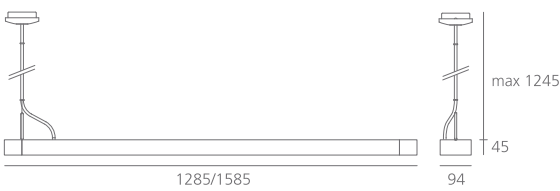
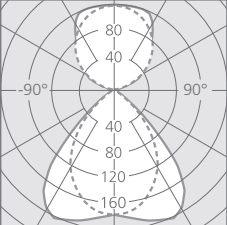






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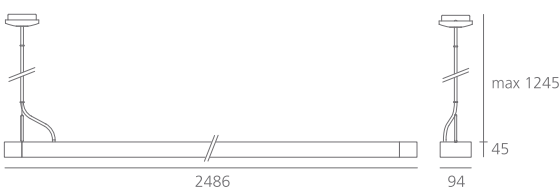
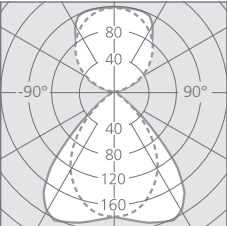








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## TALO SYSTEM SUSPENSION 1200/1500

																						
			<p>   IP20              850°               white <b>1</b>  grey <b>2</b> </p>	<p>T16 (G5) <b>Cd/Klm</b></p>																		
<p>T16-HO/FQ (G5) 54W = 4450lm 80W = 6150lm</p>	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M1358.0</b></td> <td>T16 (G5) 1x54W non dimmable</td> <td>1285mm</td> <td>4,20kg</td> </tr> <tr> <td><b>M1359.0</b></td> <td>T16 (G5) 1x80W non dimmable</td> <td>1585mm</td> <td>4,80kg</td> </tr> <tr> <td><b>M1358.1</b></td> <td>T16 (G5) 1x54W dimmable DALI</td> <td>1285mm</td> <td>4,20kg</td> </tr> <tr> <td><b>M1359.1</b></td> <td>T16 (G5) 1x80W dimmable DALI</td> <td>1585mm</td> <td>4,80kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>M1358.0</b>	T16 (G5) 1x54W non dimmable	1285mm	4,20kg	<b>M1359.0</b>	T16 (G5) 1x80W non dimmable	1585mm	4,80kg	<b>M1358.1</b>	T16 (G5) 1x54W dimmable DALI	1285mm	4,20kg	<b>M1359.1</b>	T16 (G5) 1x80W dimmable DALI	1585mm	4,80kg	
CODE	LIGHT SOURCE	LENGTH	WEIGHT																			
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<b>M1359.1</b>	T16 (G5) 1x80W dimmable DALI	1585mm	4,80kg																			

## TALO SYSTEM SUSPENSION 2400

														
			<p>   IP20              850°               white <b>1</b>  grey <b>2</b> </p>	<p>T16 (G5) <b>Cd/Klm</b></p>										
<p>T16-HO/FQ (G5) 54W = 4450lm</p>	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M1353.0</b></td> <td>T16 (G5) 2x1x54W non dimmable</td> <td>2486mm</td> <td>7,90kg</td> </tr> <tr> <td><b>M1353.1</b></td> <td>T16 (G5) 2x1x54W dimmable DALI</td> <td>2486mm</td> <td>8,10kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>M1353.0</b>	T16 (G5) 2x1x54W non dimmable	2486mm	7,90kg	<b>M1353.1</b>	T16 (G5) 2x1x54W dimmable DALI	2486mm	8,10kg	
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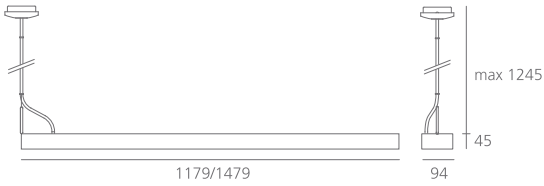
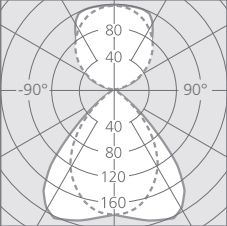
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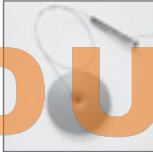



TECNO CAR SERVICE, MILAN (I), PAOLO MANTERO.  
PAGE 256-257: OFFICES, 41 BENGAL ST., ANCOATS, MANCHESTER (UK), MBLA ARCH. J. RILEY + URBANISTS.

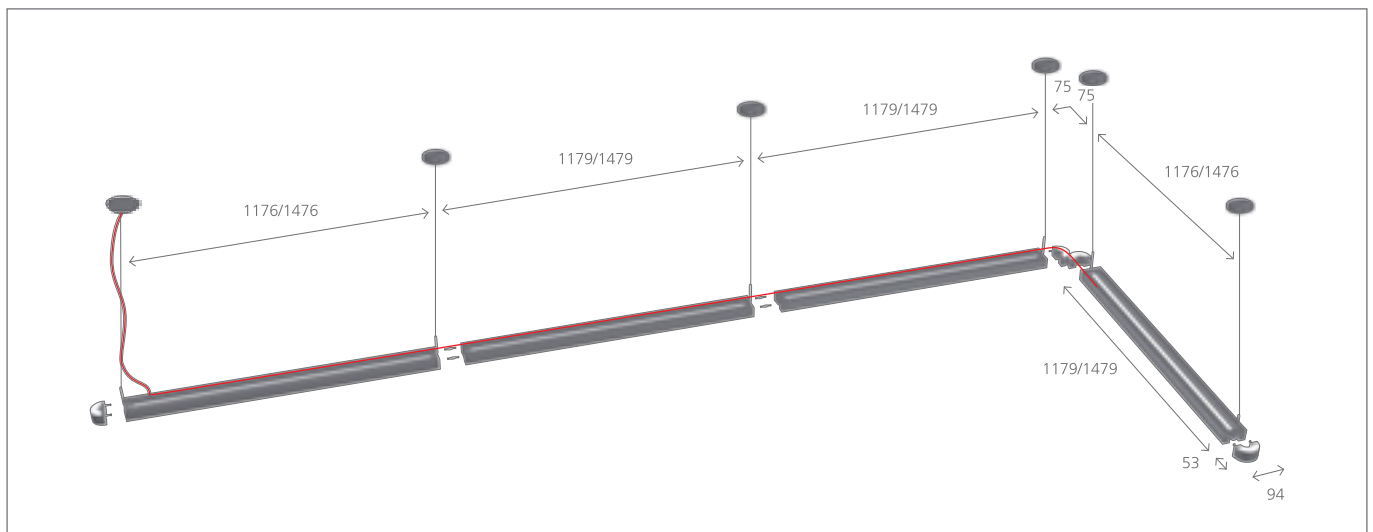
## TALO SYSTEM MODULES

			T16 (G5) <b>Cd/Klm</b>	
				Ⓧ IP20 850°    ○ white <b>1</b> ● grey <b>2</b>
T16-HO/FQ (G5) 54W = 4450lm 80W = 6150lm	<b>CODE</b> <b>LIGHT SOURCE</b> <b>LENGTH</b> <b>WEIGHT</b>			
	<b>FEEDER MODULE</b>			
	<b>M1354.0</b>	T16 (G5) 1x54W non dimmable	1179mm	4,00kg
	<b>M1356.0</b>	T16 (G5) 1x80W non dimmable	1479mm	4,60kg
	<b>M1354.1</b>	T16 (G5) 1x54W dimmable DALI	1179mm	4,00kg
	<b>M1356.1</b>	T16 (G5) 1x80W dimmable DALI	1479mm	4,60kg
	<b>CONTINUITY MODULE</b>			
	<b>M1355.0</b>	T16 (G5) 1x54W non dimmable	1179mm	4,00kg
	<b>M1357.0</b>	T16 (G5) 1x80W non dimmable	1479mm	4,60kg
	<b>M1355.1</b>	T16 (G5) 1x54W dimmable DALI	1179mm	4,00kg
<b>M1357.1</b>	T16 (G5) 1x80W dimmable DALI	1479mm	4,60kg	

## TALO SYSTEM COMPONENTS

	<b>M1364.0</b> End caps (set of 2). 53x94x45mm. ○ white <b>1</b> ● grey <b>2</b>		<b>M1366.0</b> Steel suspension cable. Ceiling plate Ø100mm, 1400mm. ○ white <b>1</b> ● grey <b>2</b>
	<b>M1365.0</b> 90° connector. 120x120x45mm. ○ white <b>1</b> ● grey <b>2</b>	<b>ELECTRO</b> INTERACTIVE-DALI components: see page 6. INTERACTIVE-DALI TECHNOLOGY <a href="http://www.modulelectro.ru">www.modulelectro.ru</a>	

## TALO SYSTEM





# LOST

design ERNESTO GISMONDI

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# MODULO

## ELECTRO

[www.modulelectro.ru](http://www.modulelectro.ru)

- SINGLE PENDANT WITH DIRECT-INDIRECT LIGHTING USING 54W AND 80W T16 FLUORESCENT LIGHT SOURCE.
- 2 VERSIONS: LOST (1xT16) AND LOST DUO (2xT16).
- DARK LIGHT OPTICS WITH LATERAL ALUMINIUM REFLECTORS.
- ALUMINIUM CENTRAL PROFILE (LOST DUO).
- END CAPS IN TRANSLUCENT INJECTION MOULDED POLYCARBONATE.
- LIGHT OUTPUT RATIO: 66%. LIGHT DISTRIBUTION: 55% INDIRECT AND 45% DIRECT.
- ELECTRONIC CONTROL GEAR, WITH OR WITHOUT DIMMING (DALI-SWITCHDIM).
- LUMINAIRE COMES COMPLETE WITH QUICK-ADJUSTMENT STEEL CABLES, CEILING SURFACE PLATE AND POWER CABLE.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.


#### LOST

- FOR USE WITH 1x54W OR 1x80W T16.
- DARK LIGHT EMISSION IS IN COMPLIANCE WITH EN 12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000 CD/M<sup>2</sup> LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS.
- INTEGRAL BALLAST LOCATED IN THE CEILING PLATE.

#### LOST DUO

- FOR USE WITH 2x54W OR 2x80W T16.
- INTERACTIVE-DALI SYSTEM, COMBINING A MOVEMENT DETECTOR AND A DAYLIGHT SENSOR FOR AUTO-REGULATION IN RELATION TO PEOPLE PRESENCE AND VARIATIONS IN DAYLIGHT.
- EMERGENCY LIGHTING.


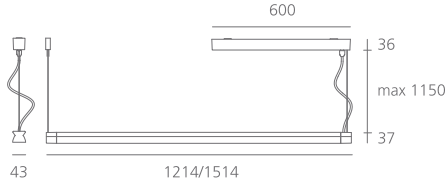
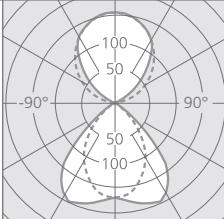





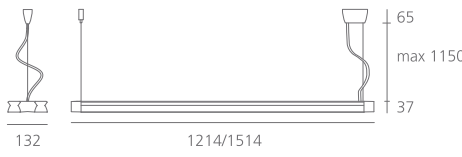
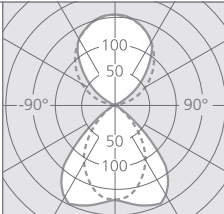
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# LOST

			T16 (G5) Cd/Klm	
			IP20 850°	
T16-HO/FQ (G5) 54W = 4450lm 80W = 6150lm	<b>CODE</b>	<b>LIGHT SOURCE</b>	<b>LENGTH</b>	<b>WEIGHT</b>
	<b>M148790</b>	T16 (G5) 1x54W non dimmable	1214mm	1,30kg
	<b>M148690</b>	T16 (G5) 1x80W non dimmable	1514mm	1,50kg
	<b>M148791</b>	T16 (G5) 1x54W dimmable DALI	1214mm	1,30kg
	<b>M148691</b>	T16 (G5) 1x80W dimmable DALI	1514mm	1,50kg

# LOST DUO

			T16 (G5) Cd/Klm	
			IP20 850°	
T16-HO/FQ (G5) 54W = 4450lm 80W = 6150lm	<b>CODE</b>	<b>LIGHT SOURCE</b>	<b>LENGTH</b>	<b>WEIGHT</b>
	<b>M148890</b>	T16 (G5) 2x54W non dimmable	1214mm	1,80kg
	<b>M148990</b>	T16 (G5) 2x80W non dimmable	1514mm	2,20kg
	<b>M148897</b>	T16 (G5) 2x54W non dimmable + emergency 1h	1214mm	2,50kg
	<b>M148891</b>	T16 (G5) 2x54W dimmable DALI	1214mm	1,80kg
	<b>M148892</b>	T16 (G5) 2x54W INTERACTIVE-DALI	1214mm	1,80kg

# LOST / LOST DUO ACCESSORIES

	<b>M074030</b> INTERACTIVE-DALI KIT Ø86MM, WHITE, RECESSED.  Ø72		<b>M074130</b> EXTENSION MOVEMENT DETECTOR, WHITE, RECESSED.  Ø64
	Can be connected to a max. 11 DALI dimmable units. Is operated through INTERACTIVE-DALI remote control or external push button.		To be used when the area to be covered is bigger than 6,00x5,00m by height 2,50m. To be connected to one of the outputs of the INTERACTIVE-DALI controller. No extra mains connection required.
	<b>M104900</b> INTERACTIVE-DALI remote control.		

# ASSUME NOTHING

design CARLOTTA DE BEVILACQUA

## ASSUME NOTHING RECESSED

- MODULAR RECESSED SYSTEM TO BE INSTALLED IN A CONTINUOUS LINE OR AS SINGLE LUMINAIRES.
- EXTRUDED ALUMINIUM BODY WITH ONLY 40MM THICK, COMPRISED OF AN ALUMINIUM FRAME THAT REQUIRES A FINISH COAT OF PLASTER.
- AVAILABLE IN LENGTHS OF 1184MM AND 2368MM.
- 2 OPTIONS AVAILABLE: FLUORESCENT VERSION COMPOSED OF LIGHTING UNITS USING T16-SEAMLESS FLUORESCENT LIGHT SOURCE COMBINED WITH 3 OPTICS TYPES TO BE ORDERED SEPARATELY, AND RGB LEDS WITH OPALINE DIFFUSER.
- T16-SEAMLESS EQUIPMENT ALLOWS FOR A UNIFORM LIGHT EMISSION WITHOUT SHADOWS, EVEN AT THE FRONT ENDS.
- 3 TYPES OF LIGHTING EMISSION WITH FLUORESCENT VERSION: DARK LIGHT OPTICS, OPALINE DIFFUSER AND TRANSLUCENT DIFFUSER WITH GLARE CONTROL. DIFFUSERS ARE MADE OF PMMA.
- LED VERSION INCLUDES RGB LED LAMPS.
- VARIOUS LIGHTING MANAGEMENT SYSTEM OPTIONS TO BE ORDERED SEPARATELY, CAPABLE OF OPERATING UP TO 105 RGB LIGHTING UNITS. OTHER CONFIGURATIONS CAN BE STUDIED ON REQUEST.
- ELECTRICAL CONNECTION IS MADE VIA QUICK CONNECTORS.
- T16-SEAMLESS LIGHT SOURCES ARE INCLUDED.
- END CAPS TO BE ORDERED SEPARATELY.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

## ASSUME NOTHING SUSPENSION

- MODULAR PENDANT SYSTEM WITH INDIRECT AND INDIRECT-DIRECT LIGHTING TO BE INSTALLED IN A CONTINUOUS LINE (AND WITH 90° CONNECTORS), OR AS SINGLE LUMINAIRES.
- EXTRUDED ANODISED ALUMINIUM BODY WITH ONLY 45MM THICK. AVAILABLE IN LENGTHS OF 1184MM AND 2368MM.
- 2 OPTIONS AVAILABLE: FLUORESCENT VERSION COMPOSED OF LIGHTING UNITS USING T16-SEAMLESS FLUORESCENT LIGHT SOURCE COMBINED WITH 3 OPTICS TYPES TO BE ORDERED SEPARATELY, AND RGB LEDS WITH OPALINE DIFFUSER.
- T16-SEAMLESS FLUORESCENT LAMP EQUIPMENT ALLOWS FOR A UNIFORM LIGHT EMISSION WITHOUT SHADOWS, EVEN AT THE FRONT ENDS.
- 3 TYPES OF LIGHTING EMISSION WITH FLUORESCENT VERSION: DARK LIGHT OPTICS, OPALINE DIFFUSER AND TRANSLUCENT DIFFUSER WITH GLARE CONTROL. DIFFUSERS ARE MADE OF PMMA.
- LED VERSION INCLUDES RGB LED LAMPS.
- VARIOUS LIGHTING MANAGEMENT SYSTEM OPTIONS TO BE ORDERED SEPARATELY, CAPABLE OF OPERATING UP TO 105 RGB LIGHTING UNITS. OTHER CONFIGURATIONS CAN BE STUDIED ON REQUEST.
- ELECTRICAL CONNECTION IS MADE VIA QUICK CONNECTORS.
- T16-SEAMLESS LIGHT SOURCES ARE INCLUDED.
- END CAPS AND SUSPENSION SETS TO BE ORDERED SEPARATELY.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

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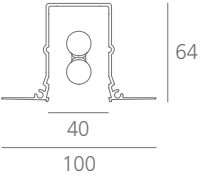

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## ASSUME NOTHING RECESSED FLUO LIGHTING UNIT


		 62x(ΣL+10mm)																				
			Ⓢ Ⓡ IP20 650°/850°																			
T16-SEAMLESS (G5) 54W = 4450lm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M187000</b></td> <td>T16-SEAMLESS (G5) 1x54W non dimmable</td> <td>1184mm</td> <td>1,50kg</td> </tr> <tr> <td><b>M187001</b></td> <td>T16-SEAMLESS (G5) 1x54W dimmable DALI</td> <td>1184mm</td> <td>1,50kg</td> </tr> <tr> <td><b>M187100</b></td> <td>T16-SEAMLESS (G5) 2x54W non dimmable</td> <td>2368mm</td> <td>2,40kg</td> </tr> <tr> <td><b>M187101</b></td> <td>T16-SEAMLESS (G5) 2x54W dimmable DALI</td> <td>2368mm</td> <td>2,40kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>M187000</b>	T16-SEAMLESS (G5) 1x54W non dimmable	1184mm	1,50kg	<b>M187001</b>	T16-SEAMLESS (G5) 1x54W dimmable DALI	1184mm	1,50kg	<b>M187100</b>	T16-SEAMLESS (G5) 2x54W non dimmable	2368mm	2,40kg	<b>M187101</b>	T16-SEAMLESS (G5) 2x54W dimmable DALI	2368mm	2,40kg	
CODE	LIGHT SOURCE	LENGTH	WEIGHT																			
<b>M187000</b>	T16-SEAMLESS (G5) 1x54W non dimmable	1184mm	1,50kg																			
<b>M187001</b>	T16-SEAMLESS (G5) 1x54W dimmable DALI	1184mm	1,50kg																			
<b>M187100</b>	T16-SEAMLESS (G5) 2x54W non dimmable	2368mm	2,40kg																			
<b>M187101</b>	T16-SEAMLESS (G5) 2x54W dimmable DALI	2368mm	2,40kg																			
	T16-SEAMLESS light sources are included.																					

## ASSUME NOTHING RECESSED FLUO OPTICS

	Opaline diffuser (in PMMA). <b>M188100</b> For lighting units of 1184mm long. <b>M188200</b> For lighting units of 2368mm long. 650°		Dark light optics. <b>M188500</b> For lighting units of 1184mm long. <b>M188600</b> For lighting units of 2368mm long. 850°
			Translucent diffuser (in PMMA). <b>M188300</b> For lighting units of 1184mm long. <b>M188400</b> For lighting units of 2368mm long. 650°

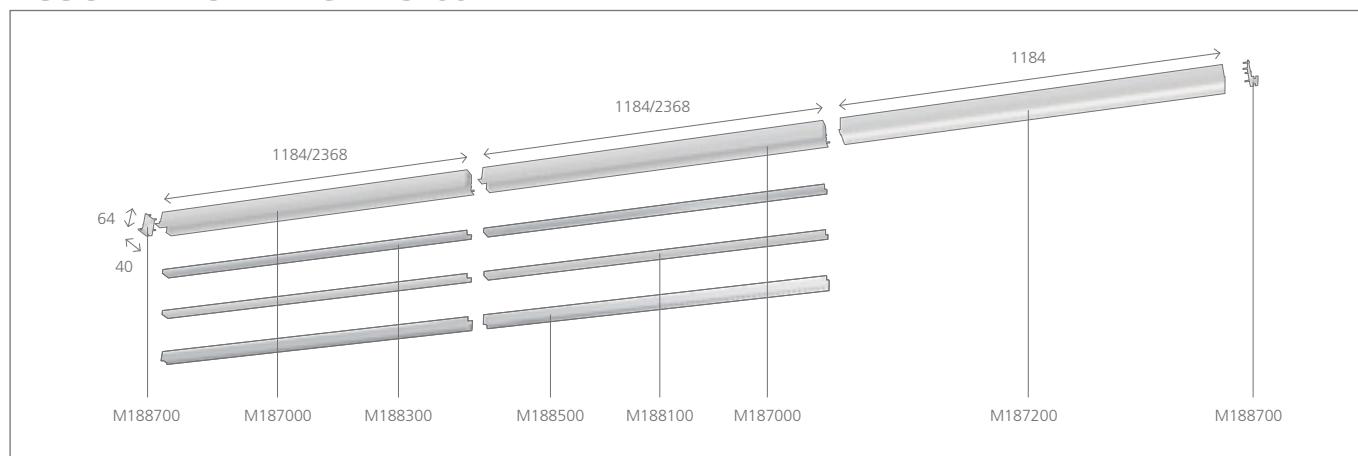
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## ASSUME NOTHING RECESSED ACCESSORY

	<b>M188700</b> End caps (set of 2).
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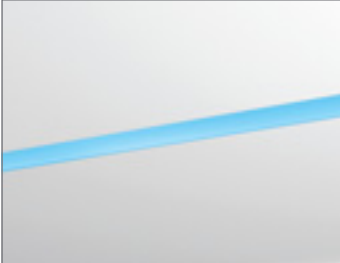
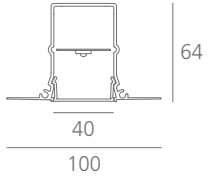




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## ASSUME NOTHING RECESSED





# ASSUME NOTHING RECESSED DIFFUSER LED RGB

		  IP20 650°	 62x(L+10mm)								
				LED (RGB) 							
<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M187200</b></td> <td>LED 13,5W RGB</td> <td>1184mm</td> <td>1,50kg</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>M187200</b>	LED 13,5W RGB	1184mm	1,50kg	Opaline diffuser in PMMA.	
CODE	LIGHT SOURCE	LENGTH	WEIGHT								
<b>M187200</b>	LED 13,5W RGB	1184mm	1,50kg								

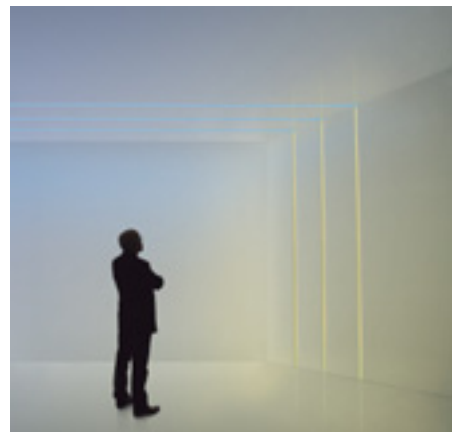
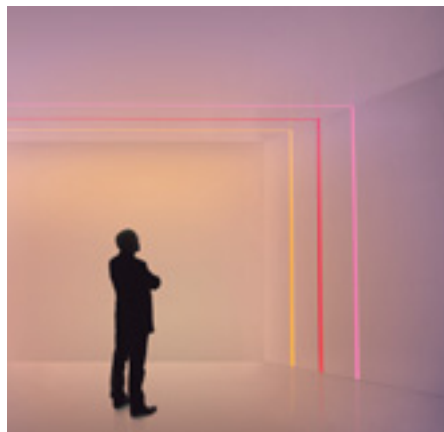
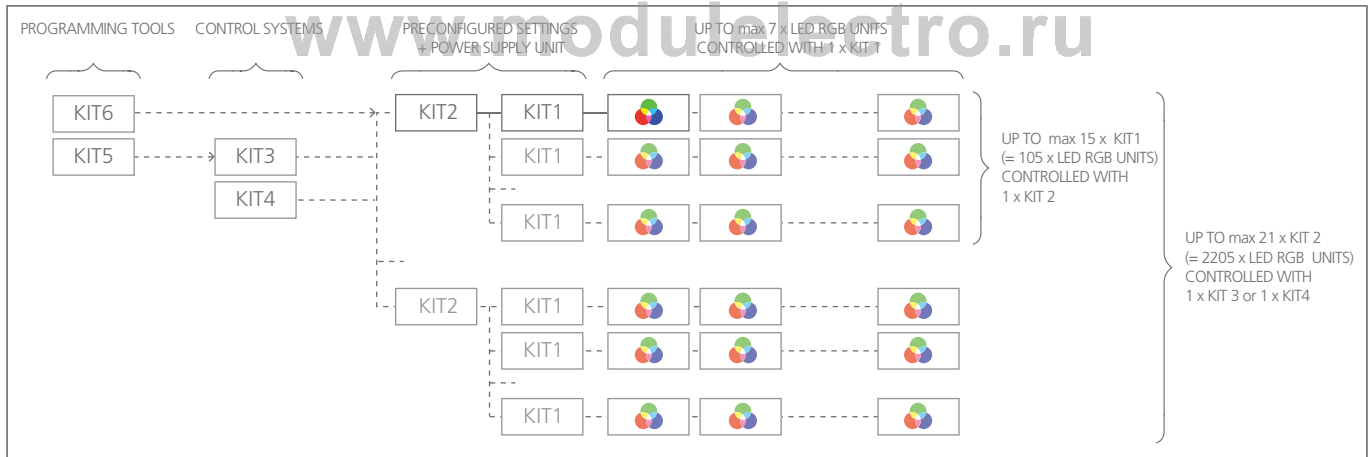
Accessory: see page 268

# ASSUME NOTHING DIFFUSER LED RGB LIGHT MANAGEMENT COMPONENTS

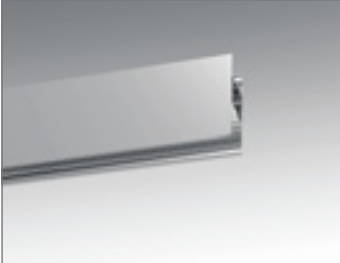
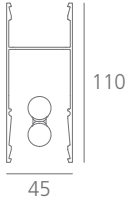


<b>M189400</b> KIT 1. 100W power-supply unit. Can feed 1 to max 7 x LED RGB units.	<b>M189700</b> KIT 4 (optional component). Wall-mounted DALI touchpanel controller. Manages 1 to max 21 x KIT 2 (dynamic sequences, up to 16 static scenes, ...). KIT 4 is an alternative to KIT 3.
<b>M189500</b> KIT 2. Stand-alone interface. To be used with 1 to max 15 x KIT 1. When used in a stand-alone configuration, KIT 2 performs a standard RGB dynamic sequence with preconfigured settings. Sequence can be customized using KIT 6.	<b>M189800</b> KIT 5 (optional component). Programming tools for KIT 3.
<b>M189600</b> KIT 3 (optional component). Manages 1 to max 21 x KIT 2. Provides 1 dynamic sequence, and 1 to 8 static scenes. To be programmed using KIT 5.	<b>M189900</b> KIT 6 (optional component). Programming tools for KIT 2.



# ASSUME NOTHING DIFFUSER LED RGB LIGHT MANAGEMENT LAYOUT


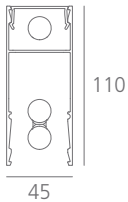





## ASSUME NOTHING SUSPENSION FLUO LIGHTING UNIT (DIRECT EMISSION)

																							
		<b>T16-SEAMLESS (G5)</b> 54W = 4450lm																					
<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M187500</b></td> <td>T16-SEAMLESS (G5) 1x54W non dimmable</td> <td>1184mm</td> <td>1,80kg</td> </tr> <tr> <td><b>M187501</b></td> <td>T16-SEAMLESS (G5) 1x54W dimmable DALI</td> <td>1184mm</td> <td>1,80kg</td> </tr> <tr> <td><b>M187600</b></td> <td>T16-SEAMLESS (G5) 2x54W non dimmable</td> <td>2368mm</td> <td>2,70kg</td> </tr> <tr> <td><b>M187601</b></td> <td>T16-SEAMLESS (G5) 2x54W dimmable DALI</td> <td>2368mm</td> <td>2,70kg</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>M187500</b>	T16-SEAMLESS (G5) 1x54W non dimmable	1184mm	1,80kg	<b>M187501</b>	T16-SEAMLESS (G5) 1x54W dimmable DALI	1184mm	1,80kg	<b>M187600</b>	T16-SEAMLESS (G5) 2x54W non dimmable	2368mm	2,70kg	<b>M187601</b>	T16-SEAMLESS (G5) 2x54W dimmable DALI	2368mm	2,70kg	T16-SEAMLESS light sources are included.	
CODE	LIGHT SOURCE	LENGTH	WEIGHT																				
<b>M187500</b>	T16-SEAMLESS (G5) 1x54W non dimmable	1184mm	1,80kg																				
<b>M187501</b>	T16-SEAMLESS (G5) 1x54W dimmable DALI	1184mm	1,80kg																				
<b>M187600</b>	T16-SEAMLESS (G5) 2x54W non dimmable	2368mm	2,70kg																				
<b>M187601</b>	T16-SEAMLESS (G5) 2x54W dimmable DALI	2368mm	2,70kg																				




Accessories: see page 271

## ASSUME NOTHING SUSPENSION FLUO LIGHTING UNIT (DUAL EMISSION)

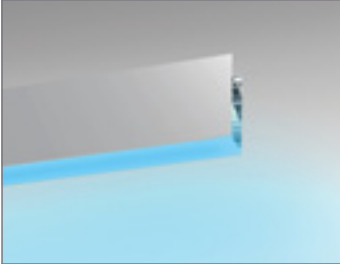
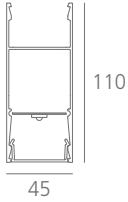


																							
		<b>T16-SEAMLESS (G5)</b> 54W = 4450lm																					
<b>T16-HO/FQ (G5)</b> 39W = 3100lm		<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M187700</b></td> <td>T16 (G5) 1x39W* + T16-SEAMLESS (G5) 1x54W non dimmable</td> <td>1184mm</td> <td>1,80kg</td> </tr> <tr> <td><b>M187701</b></td> <td>T16 (G5) 1x39W* + T16-SEAMLESS (G5) 1x54W dimmable DALI</td> <td>1184mm</td> <td>1,80kg</td> </tr> <tr> <td><b>M187800</b></td> <td>T16 (G5) 2x39W* + T16-SEAMLESS (G5) 2x54W non dimmable</td> <td>2368mm</td> <td>2,70kg</td> </tr> <tr> <td><b>M187801</b></td> <td>T16 (G5) 2x39W* + T16-SEAMLESS (G5) 2x54W dimmable DALI</td> <td>2368mm</td> <td>2,70kg</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>M187700</b>	T16 (G5) 1x39W* + T16-SEAMLESS (G5) 1x54W non dimmable	1184mm	1,80kg	<b>M187701</b>	T16 (G5) 1x39W* + T16-SEAMLESS (G5) 1x54W dimmable DALI	1184mm	1,80kg	<b>M187800</b>	T16 (G5) 2x39W* + T16-SEAMLESS (G5) 2x54W non dimmable	2368mm	2,70kg	<b>M187801</b>	T16 (G5) 2x39W* + T16-SEAMLESS (G5) 2x54W dimmable DALI	2368mm	2,70kg
CODE	LIGHT SOURCE	LENGTH	WEIGHT																				
<b>M187700</b>	T16 (G5) 1x39W* + T16-SEAMLESS (G5) 1x54W non dimmable	1184mm	1,80kg																				
<b>M187701</b>	T16 (G5) 1x39W* + T16-SEAMLESS (G5) 1x54W dimmable DALI	1184mm	1,80kg																				
<b>M187800</b>	T16 (G5) 2x39W* + T16-SEAMLESS (G5) 2x54W non dimmable	2368mm	2,70kg																				
<b>M187801</b>	T16 (G5) 2x39W* + T16-SEAMLESS (G5) 2x54W dimmable DALI	2368mm	2,70kg																				
T16-SEAMLESS light sources are included. *Indirect emission is not dimmable.		www.modulelectro.ru																					

Accessories: see page 271

## ASSUME NOTHING SUSPENSION FLUO OPTICS

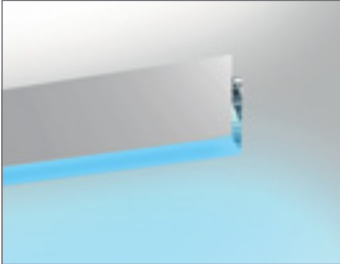
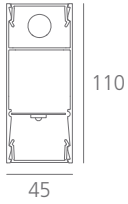



	Opaline diffuser (in PMMA). <b>M188100</b> For lighting units of 1184mm long. <b>M188200</b> For lighting units of 2368mm long. 650°		Dark light optics. <b>M188500</b> For lighting units of 1184mm long. <b>M188600</b> For lighting units of 2368mm long. 850°
	Translucent diffuser (in PMMA). <b>M188300</b> For lighting units of 1184mm long. <b>M188400</b> For lighting units of 2368mm long. 650°		

## ASSUME NOTHING SUSPENSION DIFFUSER LED RGB (DIRECT EMISSION)

		 IP20 650°													
		LED													
<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M187900</b></td> <td>LED 13,5W RGB</td> <td>1184mm</td> <td>1,50kg</td> </tr> <tr> <td colspan="4">Opaline diffuser in PMMA.</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>M187900</b>	LED 13,5W RGB	1184mm	1,50kg	Opaline diffuser in PMMA.					
CODE	LIGHT SOURCE	LENGTH	WEIGHT												
<b>M187900</b>	LED 13,5W RGB	1184mm	1,50kg												
Opaline diffuser in PMMA.															

Light management components: see page 269.

## ASSUME NOTHING SUSPENSION DIFFUSER LED RGB (DUAL EMISSION)

		 IP20 650°													
		T16-HO/FQ (G5) 39W = 3100lm													
<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M188000</b></td> <td>T16 (G5) 1x39W non dimmable + LED 13,5W RGB</td> <td>1184mm</td> <td>1,50kg</td> </tr> <tr> <td colspan="4">Opaline diffuser in PMMA.</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>M188000</b>	T16 (G5) 1x39W non dimmable + LED 13,5W RGB	1184mm	1,50kg	Opaline diffuser in PMMA.					
CODE	LIGHT SOURCE	LENGTH	WEIGHT												
<b>M188000</b>	T16 (G5) 1x39W non dimmable + LED 13,5W RGB	1184mm	1,50kg												
Opaline diffuser in PMMA.															
LED															


Light management components: see page 269.

## ASSUME NOTHING SUSPENSION ACCESSORIES

<b>M188800</b> End caps (set of 2).	<b>M189100</b> Steel suspension set (unwired). Ceiling plate Ø100mm. Length 2000mm.
<b>M188900</b> 90° connector.	Suspension set with feed. <b>M189200</b> 5-wires (5x1,5mm <sup>2</sup> ) <b>M189300</b> 7-wires (5x1,5mm <sup>2</sup> + 2x0,5mm <sup>2</sup> )
<b>M189000</b> Linear connector.	

# INFINI

design GERHARD REICHERT

  
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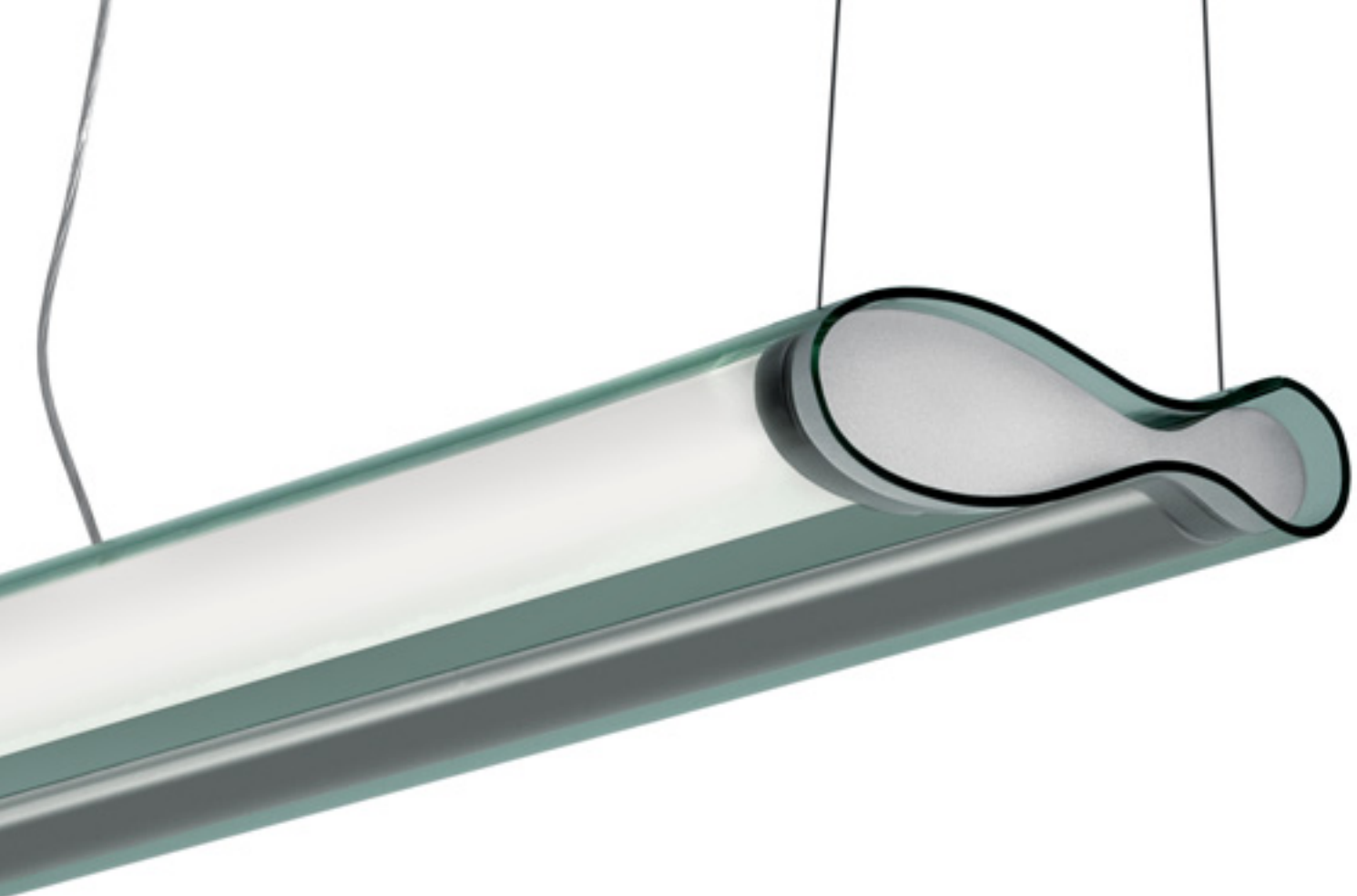
# INFINI

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- SINGLE PENDANT LIGHT WITH DIFFUSED LIGHTING USING 2x28W T16 FLUORESCENT LAMPS.
- BODY IN TRANSPARENT PMMA, DIFFUSER IN OPALINE POLYCARBONATE, BALLAST HOLDER MADE FROM EXTRUDED ALUMINIUM. METALLIC GREY PAINT FINISH.
- LIGHT OUTPUT RATIO: 79%.
- LIGHT DISTRIBUTION: 57% INDIRECT AND 43% DIRECT.
- ELECTRONIC OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST.
- COMPLETE WITH QUICK-ADJUSTMENT STEEL SUSPENSION CABLES, CEILING PLATE AND POWER CABLE.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.



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### INFINI


<p>T16-HE/FH (G5) 28W = 2600lm</p>	<p>      metal grey         </p> <table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M105100</b></td> <td>T16 (G5) 2x28W non dimmable</td> <td>3,80kg</td> </tr> <tr> <td><b>M105101</b></td> <td>T16 (G5) 2x28W dimmable DALI</td> <td>3,80kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M105100</b>	T16 (G5) 2x28W non dimmable	3,80kg	<b>M105101</b>	T16 (G5) 2x28W dimmable DALI	3,80kg	<p>T16 (G5)      Cd/Klm</p>
CODE	LIGHT SOURCE	WEIGHT									
<b>M105100</b>	T16 (G5) 2x28W non dimmable	3,80kg									
<b>M105101</b>	T16 (G5) 2x28W dimmable DALI	3,80kg									

# ESPRIT

design GIOVANNI GIACOBONE & MASSIMO ROJ


  
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# ESPRIT

  
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- PENDANT SYSTEM WITH INDIRECT AND DIRECT-INDIRECT LIGHTING USING 2x54W T16 FLUORESCENT LAMPS.
- AVAILABLE AS A SINGLE PENDANT LIGHT OR AS A MODULAR SYSTEM.
- THE STRUCTURE COMPRISES AN ALUMINIUM FRAME WITH A METALLIC GREY PAINT FINISH AND A CENTRAL OPTICAL ELEMENT.
- END CAPS IN DIE-CAST ALUMINIUM.
- INDIRECT LIGHTING VERSION EQUIPPED WITH AN OPAQUE SCREEN WITH AN EXCLUSIVE BLACK CRYSTAL LACQUERED FINISH.
- LIGHT OUTPUT RATIO: 59% (INDIRECT LIGHTING VERSION) AND 89% (DIRECT-INDIRECT LIGHTING VERSION).
- LIGHT DISTRIBUTION: 85% INDIRECT AND 15% DIRECT.
- ELECTRONIC BALLAST, OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST, AND EMERGENCY LIGHTING.
- INTERMODULE MECHANICAL CONNECTION BY LINEAR OR 90° CONNECTORS.
- QUICK ADJUSTMENT STEEL SUSPENSION CABLES.
- MINI MODULES FOR THE INSTALLATION OF AUXILIARY SERVICES: ACCENT LIGHTING, VIDEO, SOUND, SMOKE DETECTORS, ETC.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.



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LEASEPLAN, ROME (I), PROGETTO CMR.




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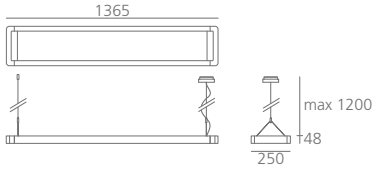
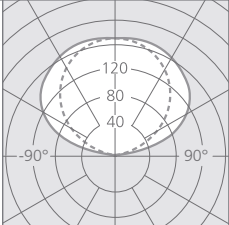


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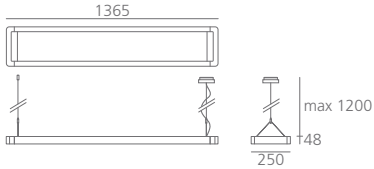
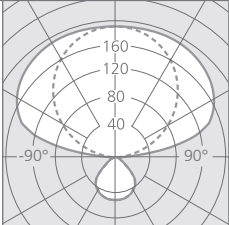
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## ESPRIT SUSPENSION INDIRECT EMISSION

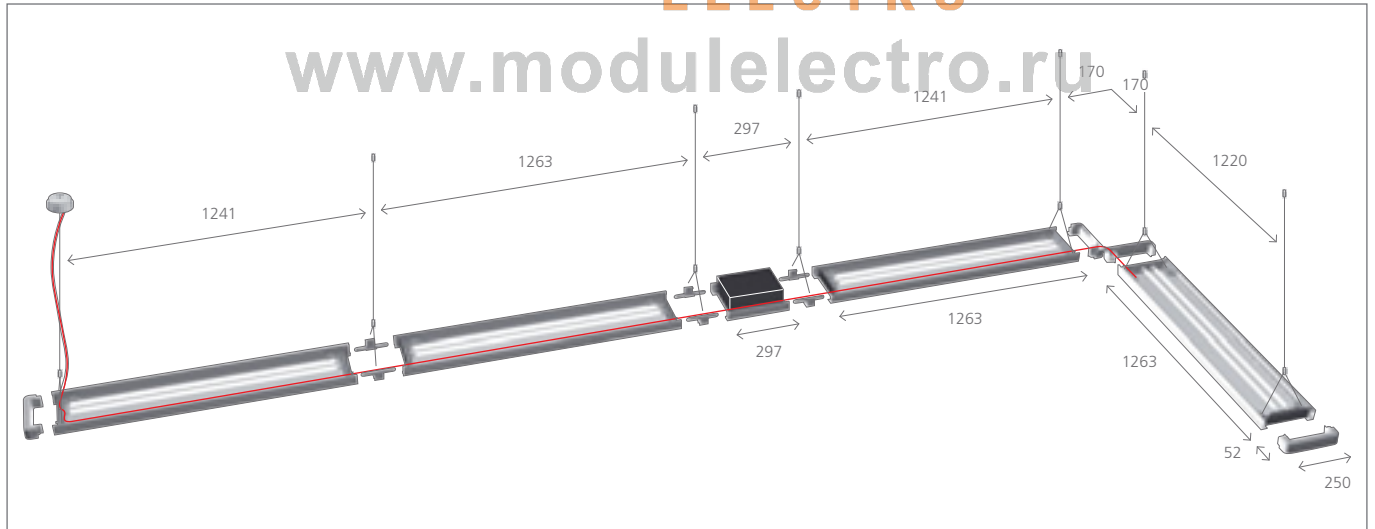
											
			<p>⊕ ⚡ IP20 850° ● metal grey</p>								
<p>T16-HO/FQ 54W = 4450lm</p>	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M154500</b></td> <td>T16 (G5) 2x54W non dimmable</td> <td>6,00kg</td> </tr> <tr> <td><b>M154501</b></td> <td>T16 (G5) 2x54W dimmable DALI</td> <td>6,00kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M154500</b>	T16 (G5) 2x54W non dimmable	6,00kg	<b>M154501</b>	T16 (G5) 2x54W dimmable DALI	6,00kg	<p>T16 (G5) Cd/Klm</p>
CODE	LIGHT SOURCE	WEIGHT									
<b>M154500</b>	T16 (G5) 2x54W non dimmable	6,00kg									
<b>M154501</b>	T16 (G5) 2x54W dimmable DALI	6,00kg									

## ESPRIT SUSPENSION DUAL EMISSION

											
			<p>⊕ ⚡ IP20 850° ● metal grey</p>								
<p>T16-HO/FQ 54W = 4450lm</p>	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M154600</b></td> <td>T16 (G5) 2x54W non dimmable</td> <td>6,00kg</td> </tr> <tr> <td><b>M154601</b></td> <td>T16 (G5) 2x54W dimmable DALI</td> <td>6,00kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M154600</b>	T16 (G5) 2x54W non dimmable	6,00kg	<b>M154601</b>	T16 (G5) 2x54W dimmable DALI	6,00kg	<p>T16 (G5) Cd/Klm</p>
CODE	LIGHT SOURCE	WEIGHT									
<b>M154600</b>	T16 (G5) 2x54W non dimmable	6,00kg									
<b>M154601</b>	T16 (G5) 2x54W dimmable DALI	6,00kg									

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## ESPRIT SYSTEM


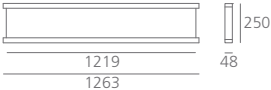
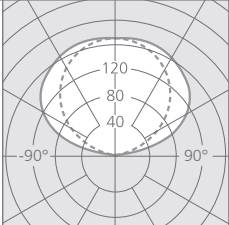


ABOVE AND PAGE 282-283: CISCO SYSTEM, VIMERCATE (I), PROGETTO CMR.  
PAGE 280-281: LEGANCE, MILAN (I), PROGETTO CMR.


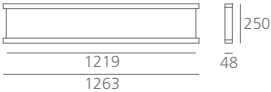
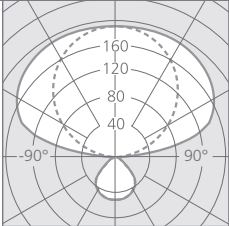
EXAMPLE OF A CUSTOM-MADE ASSEMBLY WITH ONE "STARSHIP" PROJECTOR.



## ESPRIT SYSTEM INDIRECT EMISSION










			T16 (G5) <b>Cd/Klm</b>												
				Ⓢ Ⓡ IP20 85° ● metal grey											
T16-HO/FQ 54W = 4450lm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M155000</b></td> <td>T16 (G5) 2x54W non dimmable</td> <td>5,10kg</td> </tr> <tr> <td><b>M155007</b></td> <td>T16 (G5) 2x54W non dimmable + emergency 1h</td> <td>5,70kg</td> </tr> <tr> <td><b>M155001</b></td> <td>T16 (G5) 2x54W dimmable DALI</td> <td>5,10kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M155000</b>	T16 (G5) 2x54W non dimmable	5,10kg	<b>M155007</b>	T16 (G5) 2x54W non dimmable + emergency 1h	5,70kg	<b>M155001</b>	T16 (G5) 2x54W dimmable DALI	5,10kg		
CODE	LIGHT SOURCE	WEIGHT													
<b>M155000</b>	T16 (G5) 2x54W non dimmable	5,10kg													
<b>M155007</b>	T16 (G5) 2x54W non dimmable + emergency 1h	5,70kg													
<b>M155001</b>	T16 (G5) 2x54W dimmable DALI	5,10kg													

## ESPRIT SYSTEM DUAL EMISSION

			T16 (G5) <b>Cd/Klm</b>												
				Ⓢ Ⓡ IP20 85° ● metal grey											
T16-HO/FQ 54W = 4450lm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M155100</b></td> <td>T16 (G5) 2x54W non dimmable</td> <td>5,10kg</td> </tr> <tr> <td><b>M155107</b></td> <td>T16 (G5) 2x54W non dimmable + emergency 1h</td> <td>5,70kg</td> </tr> <tr> <td><b>M155101</b></td> <td>T16 (G5) 2x54W dimmable DALI</td> <td>5,10kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M155100</b>	T16 (G5) 2x54W non dimmable	5,10kg	<b>M155107</b>	T16 (G5) 2x54W non dimmable + emergency 1h	5,70kg	<b>M155101</b>	T16 (G5) 2x54W dimmable DALI	5,10kg		
CODE	LIGHT SOURCE	WEIGHT													
<b>M155100</b>	T16 (G5) 2x54W non dimmable	5,10kg													
<b>M155107</b>	T16 (G5) 2x54W non dimmable + emergency 1h	5,70kg													
<b>M155101</b>	T16 (G5) 2x54W dimmable DALI	5,10kg													


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## ESPRIT SYSTEM COMPONENTS

	<b>M155600</b> Downlighter module QR-CBC5T (GU5,3) 12V 1xmax50W. Integral electronic transformer 20-70W, 230-240V/12V. Class II. Dimmable by trailing edge external dimmers. 297x250x100mm.		<b>M1556300</b> Linear connector.
	● metal grey 		● metal grey
	<b>M156000</b> Unwired module for auxiliary services. 297x250x48mm.		<b>M156400</b> L-shaped connector. 296x296x48mm.
	● metal grey		● metal grey
	<b>M156100</b> Unwired module for auxiliary services. 297x250x100mm.		<b>M108320</b> Steel suspension cable. 1200mm.
	● metal grey		
	<b>M156200</b> End cap (set of 2). 250x52x48mm.		Suspension cable with feed. Ceiling plate Ø100mm. 1200mm.
	● metal grey	<b>M156600</b> 3 wires (3x1,5mm <sup>2</sup> ) <b>M156700</b> 5 wires (5x1,5mm <sup>2</sup> )	
		<b>INTERACTIVE-DALI TECHNOLOGY</b>	<b>INTERACTIVE-DALI components:</b> see page 6.

# MEGAN

design ERNESTO GISMONDI


  
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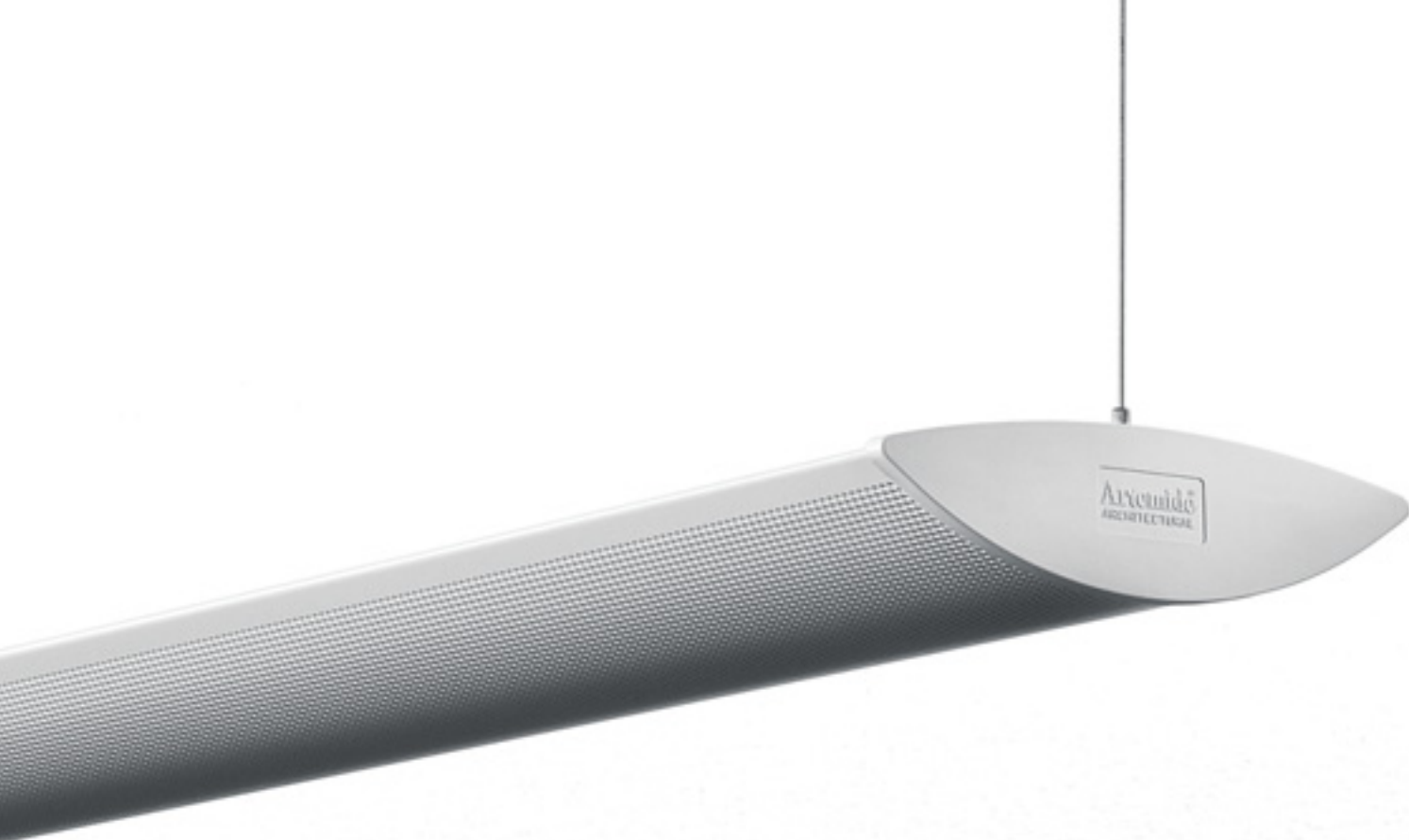


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- DIRECT-INDIRECT MODULAR SYSTEM USING 2x28 TO 2x54W T16 FLUORESCENT LAMPS.
- MICRO-PERFORATED STEEL BODY WITH A WHITE OR GREY PAINT FINISH, AND OPALINE POLYCARBONATE DIFFUSER FOIL.
- CAN BE INSTALLED AS A PENDANT OR WALL LIGHT.
- LIGHT EMISSION IS IN COMPLIANCE WITH EN 12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000 CD/M<sup>2</sup> LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS.
- LIGHT OUTPUT RATIO: 64%.
- LIGHT DISTRIBUTION: 84% INDIRECT AND 16% DIRECT.
- ELECTRONIC BALLAST, OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST, OR INTERACTIVE-DALI SYSTEM COMBINING A MOVEMENT DETECTOR AND A DAYLIGHT SENSOR FOR AUTO-REGULATION IN RELATION TO PEOPLE PRESENCE AND VARIATIONS IN DAYLIGHT.
- INTERMODULE ELECTROMECHANICAL CONNECTION VIA CABLE-FREE QUICK CONNECTORS.
- 5-CABLE THROUGH-WIRING SUITABLE FOR 2 OR 3 SWITCHES CIRCUITS (THE DIMMABLE VERSION HAS ONE SWITCH ONLY).
- CONTINUOUS LINEAR MOUNTING OR WITH 90° CONNECTORS, 3 AND 4 WAYS CONNECTORS.
- DUST PROTECTION COVER MADE OF EXTRUDED POLYCARBONATE.
- QUICK ADJUSTMENT STEEL SUSPENSION CABLES.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.



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## MEGAN SYSTEM CONFIGURATIONS



EXAMPLE WITH 90° CONNECTOR L6892.0

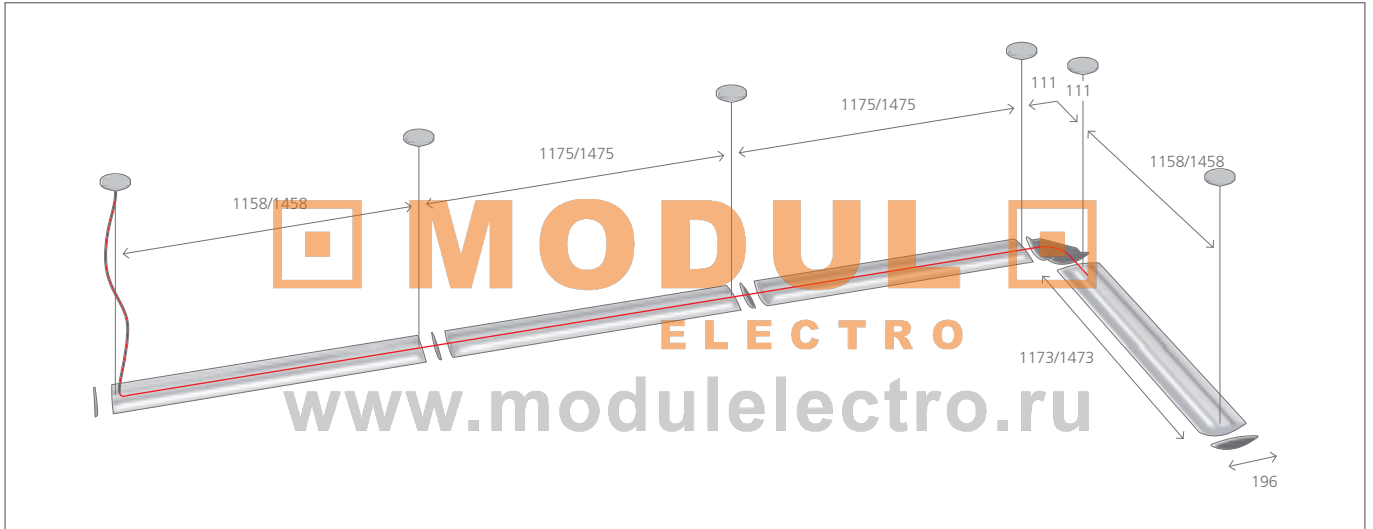
- 1 Neutral
- 2 Square pin
- 3 Square slot



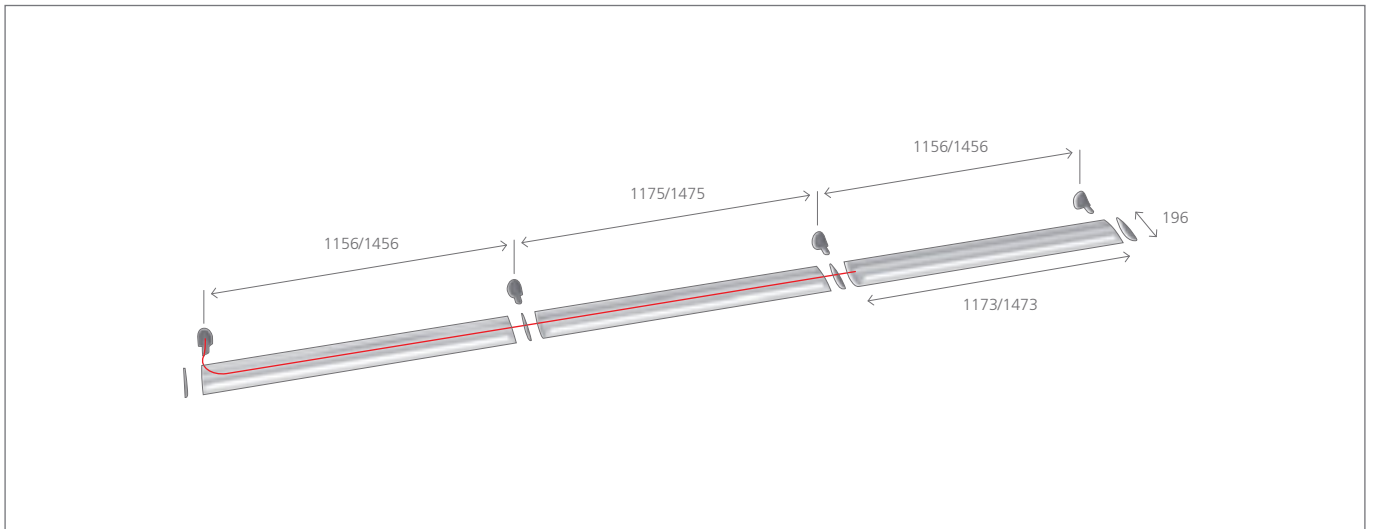
EXAMPLE WITH 90° CONNECTOR L6893.0

Multiple configurations, simple or complex, can be made thanks to MEGAN SYSTEM. The position of the fixtures is determined by the location of the neutral terminal inside the connector. Luminaires installed in a linear continuous row must have the same orientation (neutral terminal on the same side). The type of 90° or T connectors to be used also depends on the neutral terminal position. There is only one type of linear connector, which can be used with neutral terminals located on the left or right hand side, by a simple 180° rotation of the connector. The X-connector gives the starting position of the neutral terminals for all the luminaires' rows connected to it.

## MEGAN SYSTEM SUSPENSION



## MEGAN SYSTEM WALL








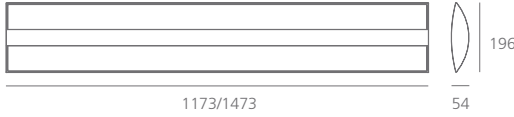
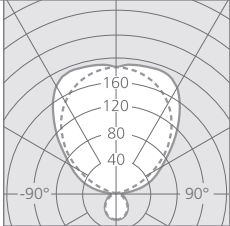




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# MEGAN SYSTEM

			  IP20   ● grey 0 ○ white 2	T16 (G5) <b>Cd/Klm</b>																															
					T16-HE/FH (G5) 28W = 2600lm 35W = 3300lm  T16-HO/FQ (G5) 54W = 4450lm																														
<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>L6857.0</b></td> <td>T16 (G5) 2x28W non dimmable</td> <td>1173mm</td> <td>2,95kg</td> </tr> <tr> <td><b>L6858.0</b></td> <td>T16 (G5) 2x35W non dimmable</td> <td>1473mm</td> <td>3,60kg</td> </tr> <tr> <td><b>L6859.0</b></td> <td>T16 (G5) 2x54W non dimmable</td> <td>1173mm</td> <td>2,95kg</td> </tr> <tr> <td><b>L6860.0</b></td> <td>T16 (G5) 2x28W dimmable DALI</td> <td>1173mm</td> <td>2,95kg</td> </tr> <tr> <td><b>L6861.0</b></td> <td>T16 (G5) 2x35W dimmable DALI</td> <td>1473mm</td> <td>3,60kg</td> </tr> <tr> <td><b>L6862.0</b></td> <td>T16 (G5) 2x54W dimmable DALI</td> <td>1173mm</td> <td>2,95kg</td> </tr> <tr> <td><b>L6862.6</b></td> <td>T16 (G5) 2x54W INTERACTIVE-DALI</td> <td>1173mm</td> <td>3,00kg</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>L6857.0</b>	T16 (G5) 2x28W non dimmable	1173mm	2,95kg	<b>L6858.0</b>	T16 (G5) 2x35W non dimmable	1473mm	3,60kg	<b>L6859.0</b>	T16 (G5) 2x54W non dimmable	1173mm	2,95kg	<b>L6860.0</b>	T16 (G5) 2x28W dimmable DALI	1173mm	2,95kg	<b>L6861.0</b>	T16 (G5) 2x35W dimmable DALI	1473mm	3,60kg	<b>L6862.0</b>	T16 (G5) 2x54W dimmable DALI	1173mm	2,95kg	<b>L6862.6</b>	T16 (G5) 2x54W INTERACTIVE-DALI	1173mm	3,00kg		
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## MEGAN SYSTEM COMPONENTS


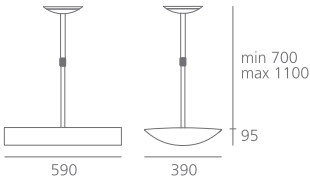
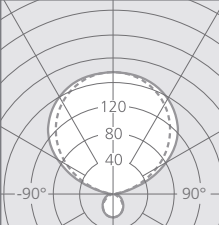
	<b>L6897.0</b> Steel suspension cable. Height adjustment via integral griplock system in the base plate, max.1900mm.  ● grey 0 ○ white 2		<b>L6891.0</b> Linear connector. Overall thickness 8mm. Useful thickness 3mm.  ● grey 0 ○ white 2
	<b>L6899.0</b> Steel suspension cable + power feed cable. Height adjustment capacity, max.1900mm. 3 wires (3x0,75mm²). <b>L6898.0</b> 5 wires (5x1,5mm²).  ● grey 0 ○ white 2		L-connector. 205x205mm. <b>L6892.0</b> Internal peg (for external neutral) <b>L6893.0</b> External peg (for internal neutral)  ● grey 0 ○ white 2
	<b>L6873.0</b> Left wall fixing. Ø106mm. Protrusion 50mm.  ● grey 0 ○ white 2		T-connector. 205x205mm. <b>L6894.0</b> Peg on the left (for neutral on the right). <b>L6895.0</b> Peg on the right (for neutral on the left).  ● grey 0 ○ white 2
	<b>L6871.0</b> Mid wall fixing. Ø106mm. Protrusion 50mm.  ● grey 0 ○ white 2		<b>L6896.0</b> X-connector. 205x205mm.  ● grey 0 ○ white 2
	<b>L6872.0</b> Right wall fixing. Ø106mm. Protrusion 50mm.  ● grey 0 ○ white 2		<b>M104900</b> INTERACTIVE-DALI remote control.
	<b>L687000</b> Wall feed 3 wires (3x0,75mm²). For dimmable version: 2 pieces required.		<b>M074030</b> INTERACTIVE-DALI KIT Ø86MM white, recessed. Can be connected to a max. 11 DALI dimmable units. Is operated through INTERACTIVE-DALI remote control or external push button.
	<b>L6890.0</b> End cap. Overall thickness 8mm. Useful thickness 3mm.  ● grey 0 ○ white 2		<b>M074130</b> Extension recessed movement detector for INTERACTIVE-DALI system.

# MEGAN SUSPENSION


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- SINGLE PENDANT WITH DIRECT-INDIRECT LIGHTING, USING 4x55W TC-LEL FLUORESCENT LAMPS.
- MICRO-PERFORATED STEEL BODY WITH WHITE OR GREY PAINT FINISH, AND OPALINE POLYCARBONATE DIFFUSER FOIL.
- LIGHT OUTPUT RATIO: 58%.
- LIGHT DISTRIBUTION: 85% INDIRECT AND 15% DIRECT.
- ELECTRONIC BALLAST.
- OPTIONAL DUST PROTECTION COVER.
- COMPLETE WITH CEILING PLATE AND ADJUSTABLE SUSPENSION ROD (LENGTH 700-1100MM) CONTAINING POWER CABLE.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

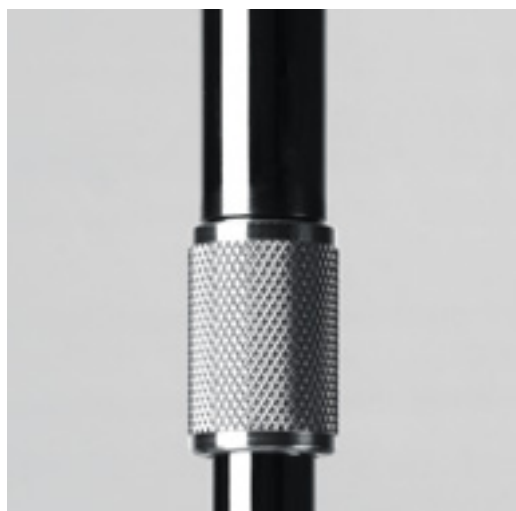
## MEGAN SUSPENSION

## MEGAN SUSPENSION ACCESSORY



	<b>L687500</b> Polycarbonate dust protection screen (set of 2 pcs).
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# MEGAN FLOOR


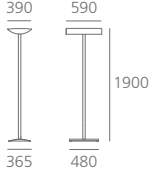
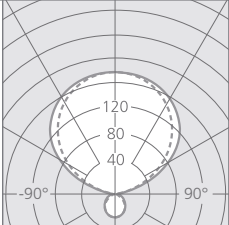


 **MODULO**   
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- FLOOR LAMP WITH DIRECT-INDIRECT LIGHTING USING 4x55W TC-LEL FLUORESCENT LAMPS.
- OPTICAL UNIT IN MICRO-PERFORATED STEEL WITH A WHITE OR GREY PAINT FINISH, AND OPALINE POLYCARBONATE DIFFUSER FOIL.
- EXTRUDED ALUMINIUM POLE.
- STEEL BASE.
- LIGHT OUTPUT RATIO: 58%.
- LIGHT DISTRIBUTION: 85% INDIRECT AND 15% DIRECT.
- ELECTRONIC BALLAST.
- TWIN POWER SWITCH (50% / 100%) OR **INTERACTIVE-DALI** SYSTEM COMBINING A MOVEMENT DETECTOR AND A DAYLIGHT SENSOR FOR AUTO-REGULATION IN RELATION TO PEOPLE PRESENCE AND VARIATIONS IN DAYLIGHT.
- OPTIONAL POLYCARBONATE DUST-PROTECTION COVER.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.




# MEGAN FLOOR

			IP20 ● grey 0 ○ white 2	TC-LEL (2G11) Cd/Klm									
					TC-LEL (2G11) 55W = 4800lm								
<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td>L6826.0</td> <td>TC-LEL (2G11) 4x55W non dimmable</td> <td>12,50kg</td> </tr> <tr> <td>L6827.6</td> <td>TC-LEL (2G11) 4x55W INTERACTIVE-DALI</td> <td>12,50kg</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	WEIGHT	L6826.0	TC-LEL (2G11) 4x55W non dimmable	12,50kg	L6827.6	TC-LEL (2G11) 4x55W INTERACTIVE-DALI	12,50kg			
CODE	LIGHT SOURCE	WEIGHT											
L6826.0	TC-LEL (2G11) 4x55W non dimmable	12,50kg											
L6827.6	TC-LEL (2G11) 4x55W INTERACTIVE-DALI	12,50kg											

# MEGAN FLOOR ACCESSORIES

**L687500** Polycarbonate dust protection screen (set of 2 pcs).

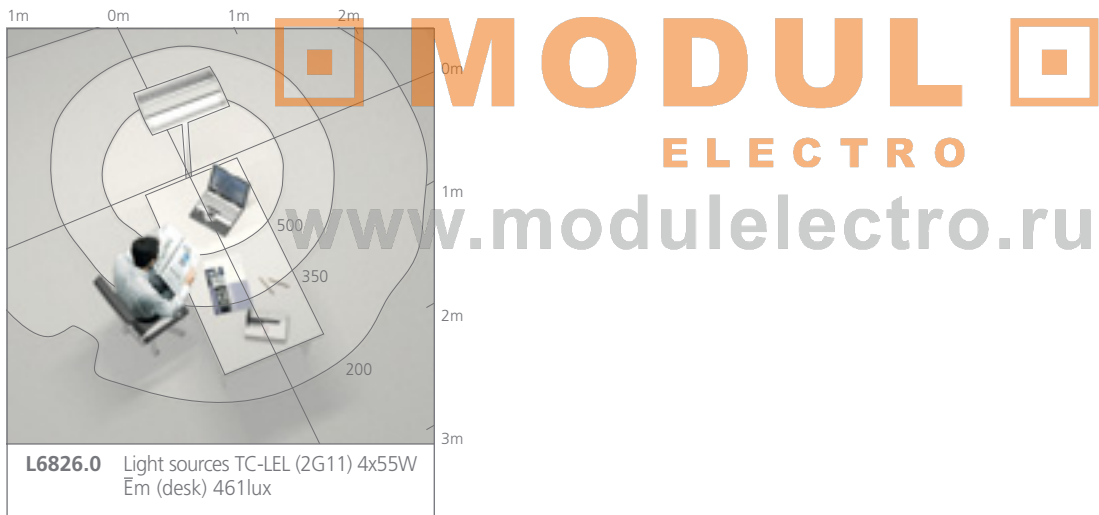


**M104900** INTERACTIVE-DALI remote control.

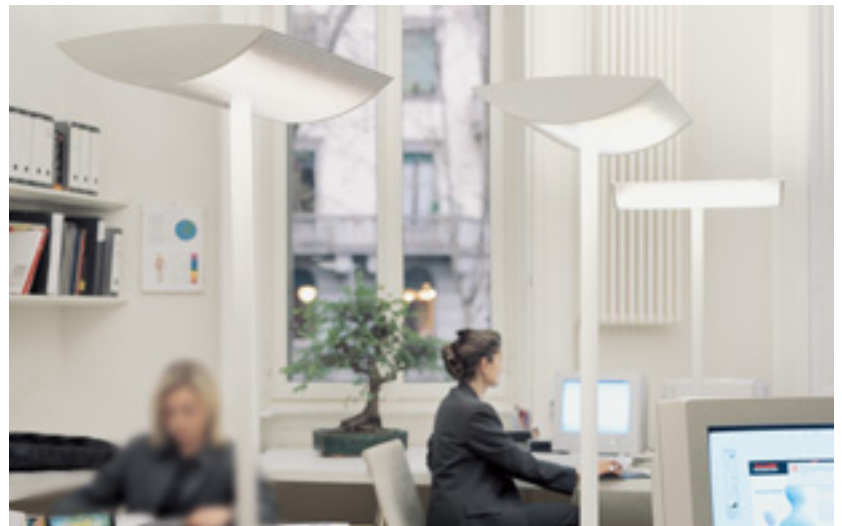


# MEGAN FLOOR ISOLUX

Calculation parameters for issuing isolux diagrams: Office with one work station. Length x width x height 5,00x5,00x2,70m. Reflectance factors ceiling/walls/floor 70/50/20%. Working plane 1,60x0,80x0,75m. Maintenance factor 0,90WF.




ZAVAROVALNICA, MARIBOR (SI), SANJA SKOROBRIJIN.





ARTEMIDE SPA, MILAN (I), CARLOTTA DE BEVILACQUA.



# EOS SYSTEM

design ZEBULON

  
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FUJITSU HQ'S, TOKYO (J), GENSLER.

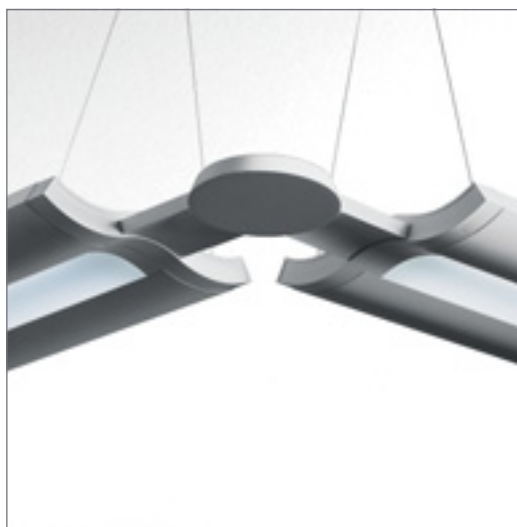


BANCA POPOLARE DI MILANO, MILAN (I), CARLOTTA DE BEVILACQUA.






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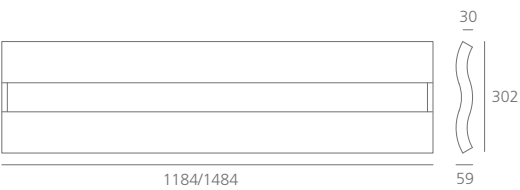
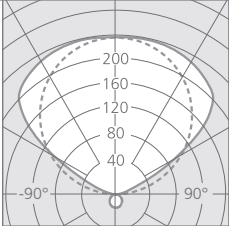


- DIRECT-INDIRECT MODULAR PENDANT SYSTEM USING 2x28W TO 2x54W T16 FLUORESCENT LAMPS.
- EXTRUDED ALUMINIUM BODY WITH A WHITE PAINT FINISH.
- SOFT LIGHT DIRECT LIGHTING WITH INTERNAL OPTIC AND POLYCARBONATE DIFFUSER.
- LIGHT OUTPUT RATIO: 74%.
- LIGHT DISTRIBUTION: 93% INDIRECT AND 7% DIRECT.
- ELECTRONIC BALLAST.
- OPTIONAL EMERGENCY LIGHTING.
- MOUNTING WITH LINEAR OR VARIABLE ANGLE CONNECTORS, 3- AND 4-WAYS CONNECTORS.
- QUICK ADJUSTMENT STEEL SUSPENSION CABLES.
- POLYCARBONATE DUST PROTECTION COVER.
- OPTIONAL COLOURED FILTERS (BLUE, PURPLE AND GREEN) FOR VARIED DIRECT LIGHTING TONES.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.








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# EOS SYSTEM



			T16 (G5) <b>Cd/Klm</b>																				
				Ⓧ IP20 85° ○ white																			
T16-HE/FH (G5) 28W = 2600lm 35W = 3300lm  T16-HO/FQ (G5) 54W = 4450lm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M093620</b></td> <td>T16 (G5) 2x28W</td> <td>1184mm</td> <td>6,00kg</td> </tr> <tr> <td><b>M093720</b></td> <td>T16 (G5) 2x54W</td> <td>1184mm</td> <td>6,00kg</td> </tr> <tr> <td><b>M093520</b></td> <td>T16 (G5) 2x35W</td> <td>1484mm</td> <td>7,30kg</td> </tr> <tr> <td><b>M093820</b></td> <td>T16 (G5) 2x35W + emergency 1h</td> <td>1484mm</td> <td>7,80kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>M093620</b>	T16 (G5) 2x28W	1184mm	6,00kg	<b>M093720</b>	T16 (G5) 2x54W	1184mm	6,00kg	<b>M093520</b>	T16 (G5) 2x35W	1484mm	7,30kg	<b>M093820</b>	T16 (G5) 2x35W + emergency 1h	1484mm	7,80kg		
CODE	LIGHT SOURCE	LENGTH	WEIGHT																				
<b>M093620</b>	T16 (G5) 2x28W	1184mm	6,00kg																				
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<b>M093520</b>	T16 (G5) 2x35W	1484mm	7,30kg																				
<b>M093820</b>	T16 (G5) 2x35W + emergency 1h	1484mm	7,80kg																				

## EOS SYSTEM COMPONENTS

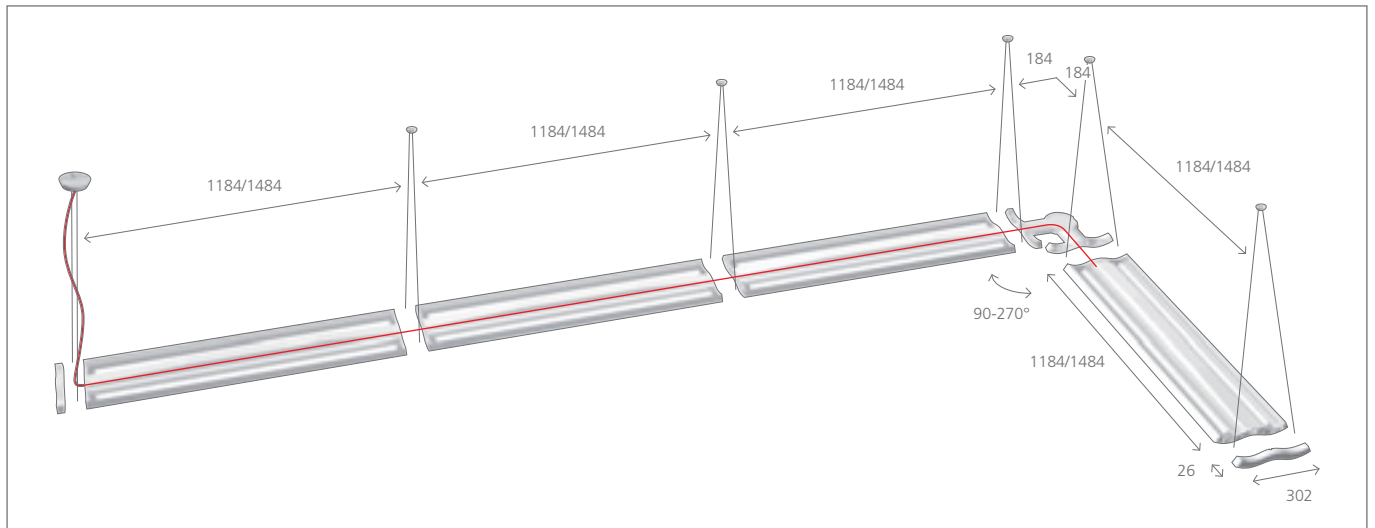
	<b>M094220</b> Variable angle connector. 368x368mm. Adjustable from 90° to 270°.  ○ white		<b>M093920</b> Decorative end plate. 302x30mm.  ○ white
	<b>M094320</b> T-shaped connector. 368x368mm.  ○ white		<b>M094120</b> Steel suspension cable. Adjustable length min.300mm/max.900mm. Ceiling plate Ø40mm.
	<b>M094420</b> X-shaped connector. 368x368mm.  ○ white		<b>M094020</b> Steel suspension cable + power feed cable 3 wires (3x1,5mm²). Adjustable length min.300mm/max.900mm. Ceiling plate Ø120mm.

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## EOS SYSTEM ACCESSORIES



	Coloured filters for modules of 1184mm long. <b>M080405</b> Blue. <b>M080415</b> Violet. <b>M080425</b> Green.		Coloured filters for modules of 1484mm long. <b>M080435</b> Blue. <b>M080445</b> Violet. <b>M080455</b> Green.
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## EOS SYSTEM




# FLAP - MINI FLAP

design ZEBULON

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# MINI FLAP SYSTEM SUSPENSION

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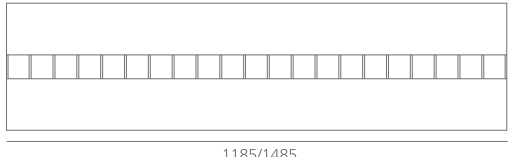

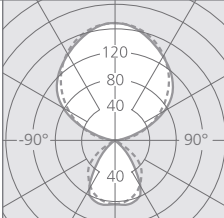




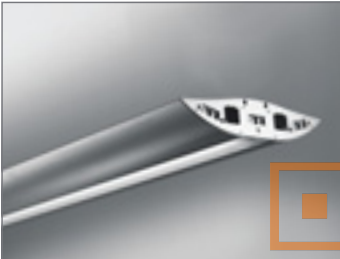
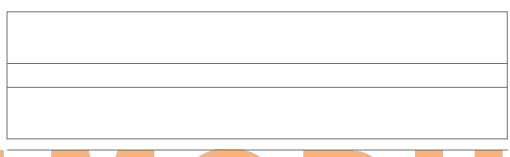

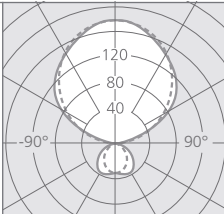
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- PENDANT SYSTEM WITH DIRECT-INDIRECT LIGHTING, FOR CONTINUOUS LINEAR MOUNTING AND WITH 90° CONNECTORS.
- EXTRUDED ALUMINIUM BODY WITH METALLIC GREY PAINT FINISH.
- INDIRECT LIGHTING USING 2x28 TO 2x54W T16 FLUORESCENT LAMPS.
- 3 TYPES OF DIRECT LIGHTING: DIFFUSED EMISSION WITH AN OPALINE POLYCARBONATE DIFFUSER, DARK LIGHT EMISSION WITH OPTICS MADE FROM SUPER PURE ALUMINIUM, AND INTENSIVE LIGHT EMISSION VIA RECESSED DOWNLIGHTS USING 12V DICHROIC HALOGEN LAMPS.
- DARK LIGHT EMISSION IS IN COMPLIANCE WITH EN 12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000 CD/M<sup>2</sup> LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS. LIGHT OUTPUT RATIO: 64%. LIGHT DISTRIBUTION: 76% INDIRECT AND 24% DIRECT.
- DIFFUSED EMISSION: LIGHT OUTPUT RATIO: 61%. LIGHT DISTRIBUTION: 80% INDIRECT AND 20% DIRECT.
- ELECTRONIC BALLAST, OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST (FOR INDIRECT LIGHTING ONLY).
- 2 SEPARATE SWITCH CIRCUITS FOR THE INDEPENDENT CONTROL OF THE DIRECT AND INDIRECT LIGHTING FUNCTIONS.
- POLYCARBONATE DUST-PROTECTION SCREEN AS AN OPTIONAL EXTRA.
- ADJUSTABLE STEEL SUSPENSION CABLES.
- SLIMLINE OR DECORATIVE END CAPS.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.


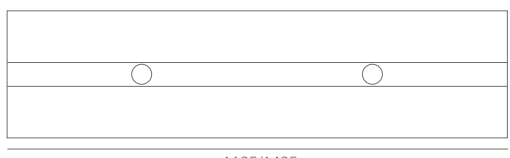

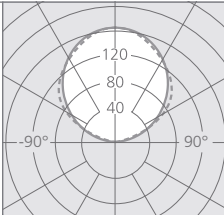
## MINI FLAP SYSTEM SUSPENSION DUAL EMISSION (DIRECT DARK LIGHT)

			
T16-HE/FH (G5) 28W = 2600lm 35W = 3300lm	T16-HO/FQ (G5) 54W = 4450lm	IP20 ● metal grey	
CODE	LIGHT SOURCE	LENGTH	WEIGHT
<b>M152669</b>	T16 (G5) 2x28W + T16 (G5) 1x28W non dimmable	1185mm	7,00kg
<b>M152769</b>	T16 (G5) 2x54W + T16 (G5) 1x54W non dimmable	1185mm	7,00kg
<b>M152869</b>	T16 (G5) 2x35W + T16 (G5) 1x35W non dimmable	1485mm	8,10kg
<b>M152668</b>	T16 (G5) 2x28W + T16 (G5) 1x28W dimmable DALI*	1185mm	7,00kg
<b>M152768</b>	T16 (G5) 2x54W + T16 (G5) 1x54W dimmable DALI*	1185mm	7,00kg
<b>M152868</b>	T16 (G5) 2x35W + T16 (G5) 1x35W dimmable DALI*	1485mm	8,10kg
*Indirect emission dimmable, direct emission non dimmable.			

## MINI FLAP SYSTEM SUSPENSION DUAL EMISSION (DIRECT DIFFUSED)







			
T16-HE/FH (G5) 28W = 2600lm 35W = 3300lm	T16-HO/FQ (G5) 54W = 4450lm	IP20 ● metal grey	
CODE	LIGHT SOURCE	LENGTH	WEIGHT
<b>M153269</b>	T16 (G5) 2x28W + T16 (G5) 1x28W non dimmable	1185mm	7,00kg
<b>M153369</b>	T16 (G5) 2x54W + T16 (G5) 1x54W non dimmable	1185mm	7,00kg
<b>M153469</b>	T16 (G5) 2x35W + T16 (G5) 1x35W non dimmable	1485mm	8,10kg
<b>M153268</b>	T16 (G5) 2x28W + T16 (G5) 1x28W dimmable DALI*	1185mm	7,00kg
<b>M153368</b>	T16 (G5) 2x54W + T16 (G5) 1x54W dimmable DALI*	1185mm	7,00kg
<b>M153468</b>	T16 (G5) 2x35W + T16 (G5) 1x35W dimmable DALI*	1485mm	8,10kg
*Indirect emission dimmable, direct emission non dimmable.			

## MINI FLAP SYSTEM SUSPENSION DUAL EMISSION (DIRECT SPOT)

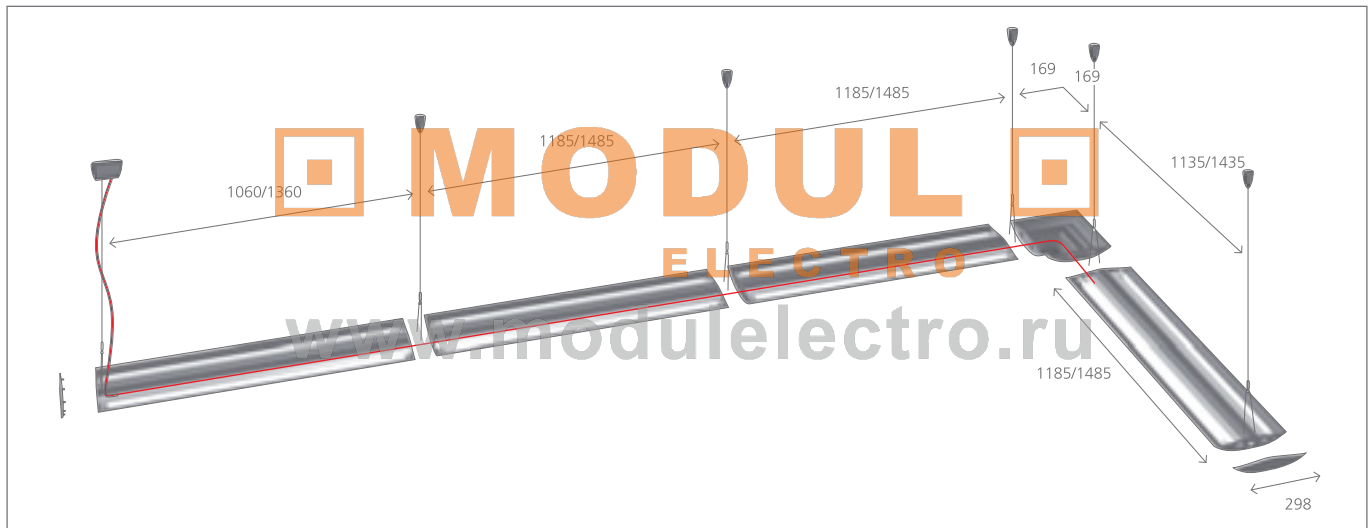
			
T16-HE/FH (G5) 28W = 2600lm 35W = 3300lm	T16-HO/FQ (G5) 54W = 4450lm	QR-CBC35 (GU4)	IP20 ● metal grey
CODE	LIGHT SOURCE	LENGTH	WEIGHT
<b>M153869</b>	T16 (G5) 2x28W + QR-CBC35 (GU4) 12V 2x35W non dimmable	1185mm	8,40kg
<b>M153969</b>	T16 (G5) 2x54W + QR-CBC35 (GU4) 12V 2x35W non dimmable	1185mm	8,40kg
<b>M154069</b>	T16 (G5) 2x35W + QR-CBC35 (GU4) 12V 3x35W non dimmable	1485mm	9,60kg
<b>M153868</b>	T16 (G5) 2x28W + QR-CBC35 (GU4) 12V 2x35W dimmable DALI*	1185mm	8,40kg
<b>M153968</b>	T16 (G5) 2x54W + QR-CBC35 (GU4) 12V 2x35W dimmable DALI*	1185mm	8,40kg
<b>M154068</b>	T16 (G5) 2x35W + QR-CBC35 (GU4) 12V 3x35W dimmable DALI*	1485mm	9,60kg
Integral electronic transformer, 35-105W, 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.			



## MINI FLAP SYSTEM SUSPENSION COMPONENTS

	<p><b>M159961</b> Flat end cap. Thickness 2mm.</p> <p>● metal grey</p>		<p>Dust-protection polycarbonate screen. 2 pieces required.</p> <p><b>M080515</b> For modules 1185mm long. <b>M080525</b> For modules 1485mm long.</p>
	<p><b>M159261</b> Decorative end cap. 298x181mm.</p> <p>● metal grey</p>		<p><b>M159361</b> Steel suspension cable. 1400mm.</p>
	<p><b>M158761</b> 90° connector. 318x318mm.</p> <p>● metal grey</p>		<p>Steel suspension cable. 1400mm. With power feed cable.</p> <p><b>M159461</b> 5 wires (5x1,5mm<sup>2</sup>). <b>M158661</b> 7 wires (5x1,5mm<sup>2</sup> + 2x0,75mm<sup>2</sup>).</p>
<p>INTERACTIVE-DALI TECHNOLOGY</p>	<p>INTERACTIVE-DALI components: see page 6.</p>		

## MINI FLAP SYSTEM SUSPENSION



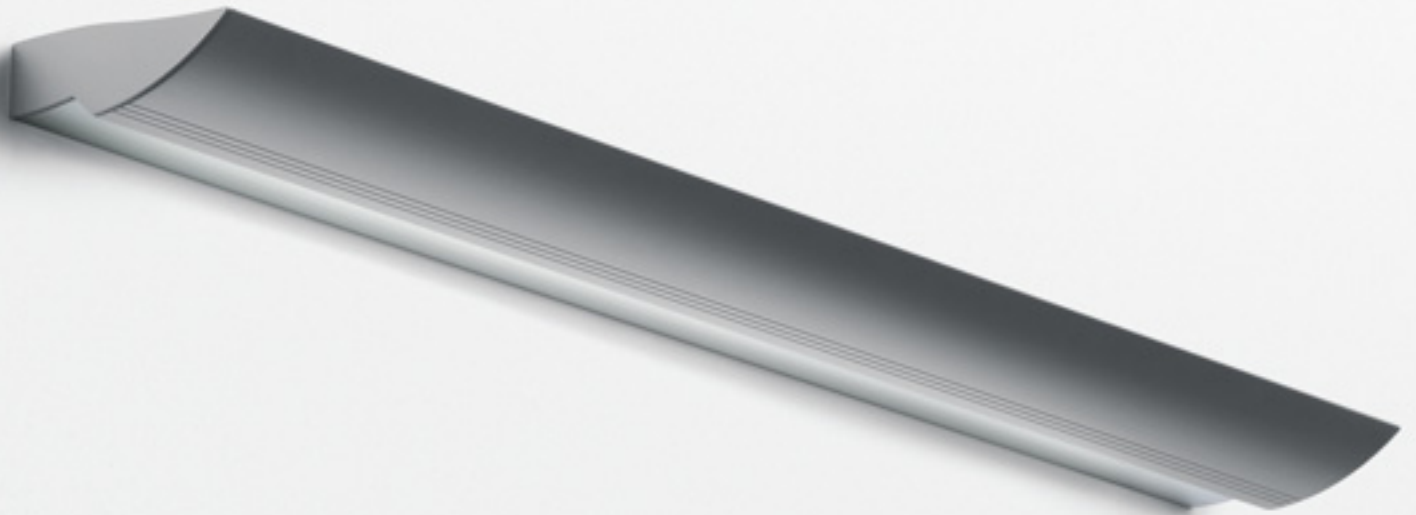
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# MINI FLAP SYSTEM WALL






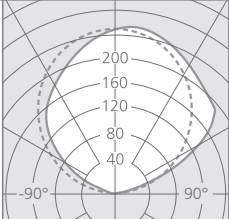
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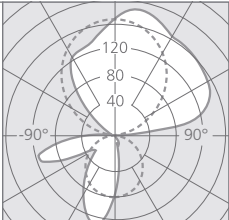
- LINEAR SYSTEM FOR WALL MOUNTING WITH DIRECT AND DIRECT-INDIRECT LIGHTING, USING 1x24W TO 1x80W T16 FLUORESCENT LAMPS.
- EXTRUDED ALUMINIUM BODY WITH METALLIC GREY PAINT FINISH.
- DIRECT DIFFUSED WALL WASHER LIGHTING.
- ELECTRONIC BALLAST OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST.
- 90° CONNECTORS AVAILABLE ON REQUEST.
- POLYCARBONATE DUST-PROTECTION SCREEN AS AN OPTIONAL EXTRA.
- SLIMLINE FINISHING END CAPS.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.





## MINI FLAP SYSTEM WALL INDIRECT EMISSION

																																											
				T16 (G5) <b>Cd/Klm</b>																																							
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## MINI FLAP SYSTEM WALL DUAL EMISSION (DIRECT WALL WASHER)

																																											
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## MINI FLAP SYSTEM WALL COMPONENTS

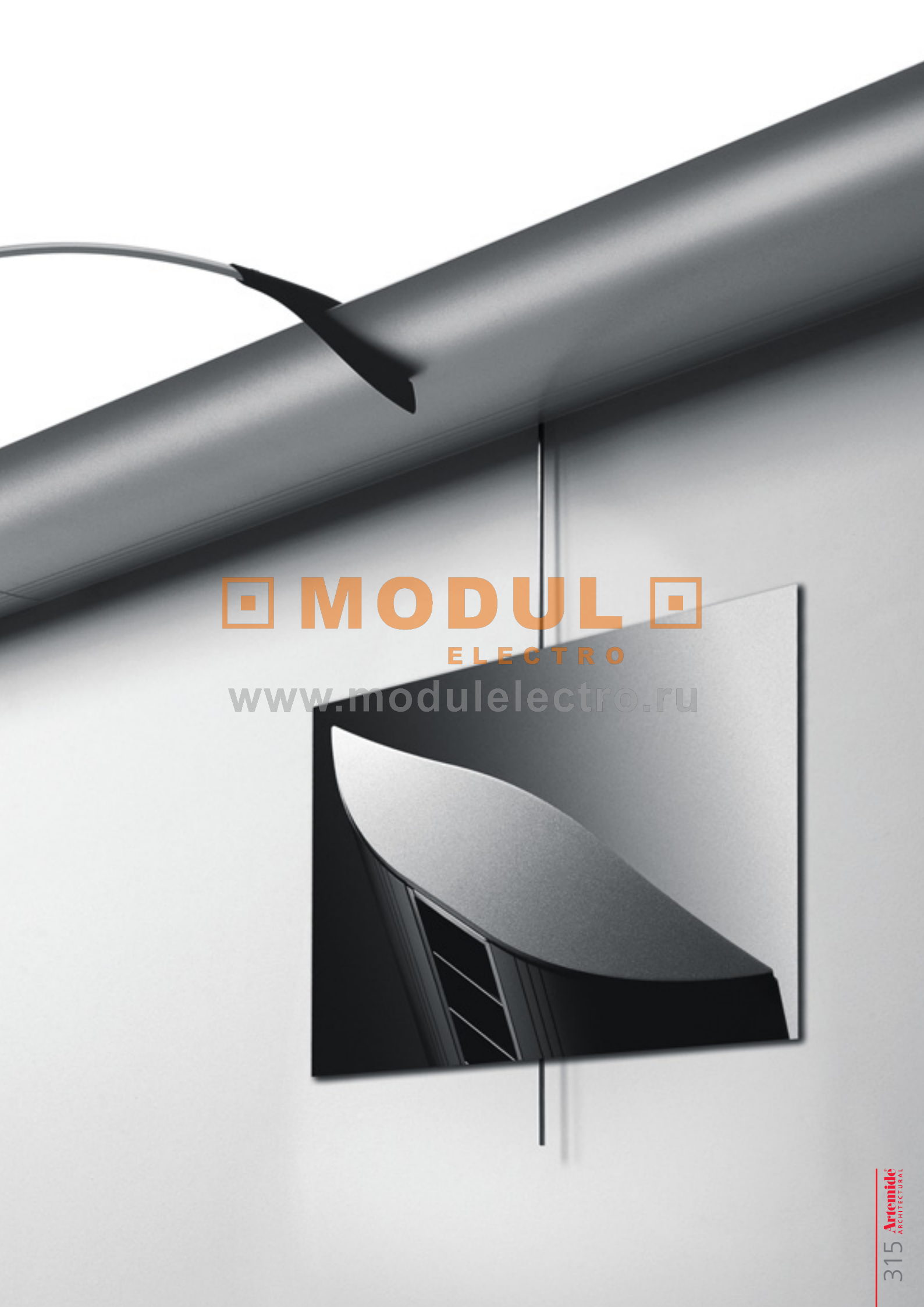
	Flat end cap, indirect emission. Thickness 2mm. <b>M159561</b> Right. <b>M159661</b> Left. ● metal grey		Dust-protection polycarbonate screen. <b>M080505</b> For modules 585mm long. <b>M080515</b> For modules 1185mm long. <b>M080525</b> For modules 1485mm long.
	Flat end cap, dual emission (direct wall washer). Thickness 2mm. <b>M158461</b> Right. <b>M158561</b> Left.	INTERACTIVE-DALI TECHNOLOGY	INTERACTIVE-DALI components: see page 6.

# FLAP SYSTEM WALL

- LINEAR SYSTEM FOR WALL MOUNTING WITH DIRECT AND DIRECT-INDIRECT LIGHTING.
- EXTRUDED ALUMINIUM BODY WITH A METALLIC GREY PAINT FINISH.
- INDIRECT LIGHTING USING 1X28W TO 2x54W T16 FLUORESCENT LAMPS.
- DIRECT LIGHTING VIA 12V HALOGEN SPOTS (FOR UNITS EQUIPPED WITH TRANSFORMER AND LOW VOLTAGE TRACK).
- ELECTRONIC BALLAST.
- 90° CONNECTORS AVAILABLE ON REQUEST.
- PICTURE HANGING SYSTEM AS AN OPTIONAL EXTRA.
- SLIMLINE OR DECORATIVE END CAPS.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.







  
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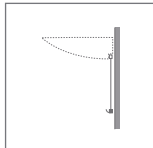
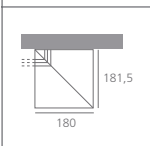

## FLAP SYSTEM WALL T16 INDIRECT EMISSION

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## FLAP SYSTEM WALL T16 WITH INTEGRAL LV TRACK


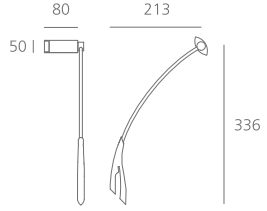

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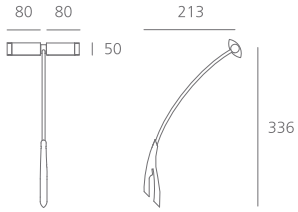

## FLAP SYSTEM WALL T16 COMPONENTS


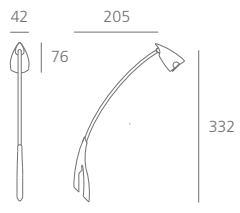

	Flat end cap. Thickness 2mm.  <b>M089461</b> Right. <b>M089561</b> Left.   metal grey		Picture hanging system with Ø4mm rod and sliding hook. Maximum load 15kg.  <b>M086061</b> 500mm. <b>M086161</b> 1000mm. <b>M086261</b> 1500mm.
	<b>M089361</b> Decorative end cap.   metal grey		
INTERACTIVE-DALI TECHNOLOGY	INTERACTIVE-DALI components: see page 6.		



# FLAP SYSTEM WALL SPOTS

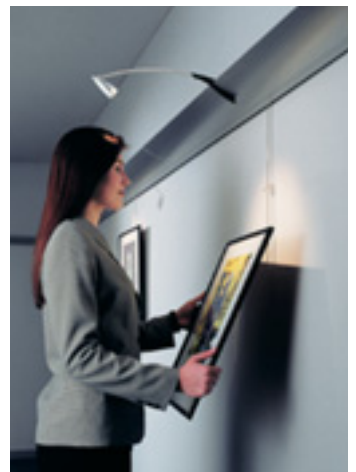
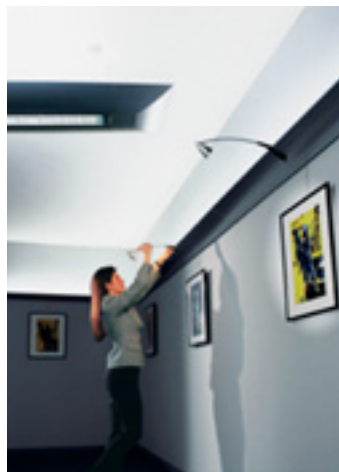
			
	⚡ IP20 ● metal grey		
QT12-UVr-ax (GY6,35)  50W = 910lm	<b>CODE</b>	<b>LIGHT SOURCE</b>	<b>WEIGHT</b>
	<b>M015262</b>	QT12-UVr-ax (GY6,35) 12V 1xmax50W	0,10kg

			
	⚡ IP20 ● metal grey		
QT12-UVr-ax (GY6,35)  50W = 910lm	<b>CODE</b>	<b>LIGHT SOURCE</b>	<b>WEIGHT</b>
	<b>M015462</b>	QT12-UVr-ax (GY6,35) 12V 2xmax50W	0,20kg

			
	⚡ IP20 ● metal grey		
QR-CBC35 (GU4) 	<b>CODE</b>	<b>LIGHT SOURCE</b>	<b>WEIGHT</b>
	<b>M015562</b>	QR-CBC35 (GU4) 12V 1xmax35W	0,10kg

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# FLAP WALL/TABLEAU



**MODUL**  
ELECTRO

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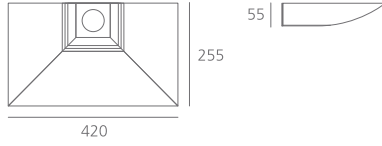
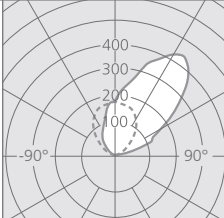


## FLAP WALL

- WALL LAMP FOR DIRECT-INDIRECT LIGHTING USING 300W HALOGEN AND 50W/12V DICHROIC HALOGEN LAMPS.
- EXTRUDED ALUMINIUM BODY WITH METALLIC GREY PAINT FINISH.
- ELECTRONIC TRANSFORMER.
- PROTECTIVE GLASS.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.


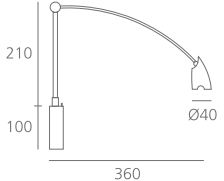


## FLAP TABLEAU

- WALL LAMP FOR THE LIGHTING OF PICTURES, MIRRORS, ETC., USING 12V HALOGEN LAMPS.
- DIRECTIONAL SPOTLIGHT WITH SINGLE OR DOUBLE HEAD.
- STEEL POWER SUPPLY UNIT.
- METALLIC GREY PAINT FINISH.
- INTEGRAL PICTURE HOOK.
- ELECTRONIC TRANSFORMER.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

## FLAP WALL


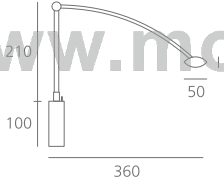
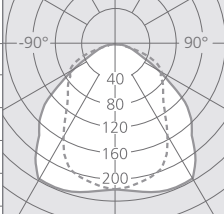

		
<p>                 QT-DE12 (R7S)                   300W = 5000lm                  QR-CBC51 (GU5,3)  </p>	<p> <b>CODE</b>      <b>LIGHT SOURCE</b>      <b>WEIGHT</b> </p>	
	<p> <b>M096261</b>    QT-DE12 (R7s) 1xmax300W + QR-CBC51 (GU5,3) 12V 1xmax50W    1,80kg                 </p>	
<p>Integral electronic transformer 35-105W, 230-240V/12V. Dimmable by trailing edge external dimmers.</p>		

## FLAP TABLEAU I

		
<p>                 QR-CBC35 (GU4)  </p>	<p> <b>CODE</b>      <b>LIGHT SOURCE</b>      <b>WEIGHT</b> </p>	
	<p> <b>M022061</b>    QR-CBC35 (GU4) 12V 1xmax35W    0,70kg                 </p>	
<p>Integral electronic transformer 20-50W, 230-240V/12V. Dimmable by trailing edge external dimmers.</p>		

**MODULO**  
**ELECTRO**

## FLAP TABLEAU II

		
<p>                 QT9-UVR-ax (G4)  </p>	<p> <b>CODE</b>      <b>LIGHT SOURCE</b>      <b>WEIGHT</b> </p>	
	<p> <b>M022161</b>    QT9-UVR-ax (G4) 12V 2xmax 20W    0,80kg                 </p>	
<p>Integral electronic transformer 20-50W, 230V/12V. Dimmable by trailing edge external dimmers.</p>		



BANCA POPOLARE DI MILANO, MILAN (I), CARLOTTA DE BEVILACQUA.



ADSERV, MILAN (I), P CAROZZI.



# RA SYSTEM

design FOSTER & PARTNERS

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# RA SYSTEM



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- MULTIFUNCTIONAL MODULAR SYSTEM USING T16 FLUORESCENT LAMPS. THE SYSTEM COMPRISES OF A PRE-CABLED EXTRUDED ALUMINIUM STRUCTURE WITH GREY PAINT FINISH, VARIOUS INTERCHANGEABLE OPTICS AND PANELS FOR AUXILIARY SERVICES.
- THE STRUCTURE COMES IN 2 DIFFERENT WIDTHS (400MM OR 600MM) AND LENGTHS (2080MM OR 2380MM) DEPENDING ON THE LAMPS NUMBER AND WATTAGE. STRUCTURE AVAILABLE WITH OR WITHOUT A THREE-PHASE TRACK SUITABLE FOR SPOTLIGHTS WITH ADAPTER, FOR LCD SCREENS, ETC.
- THE WIDE RANGE OF INTERCHANGEABLE OPTICS AND LIGHT EMISSION OPTIONS MEET THE NEEDS OF MANY DIFFERENT APPLICATIONS LIKE IN OFFICE ENVIRONMENTS, PREMISES EQUIPPED WITH COMPUTER TERMINALS, WAITING ROOMS, HALLS, RESTAURANTS, AIRPORTS, EXHIBITION HALLS, MUSEUMS, COMMERCIAL PREMISES, ETC.
- RA SYSTEM MAY BE EQUIPPED WITH SAFETY SYSTEMS (SMOKE DETECTORS, INDEPENDENT UNITS), DETECTOR UNITS (MOVEMENT OR DAYLIGHT SENSORS) AND WITH AUXILIARY SERVICES (AUDIO, VIDEO, THERMOSTATS OR SIGNAL PANELS). SUCH DEVICES ENHANCE ITS FUNCTIONAL NATURE AND ENSURE INTELLIGENT AND RATIONAL USE OF THE SYSTEM.
- RA SYSTEM CAN BE INSTALLED AS A PENDANT, AS A CEILING LIGHT OR RECESSED INTO PLASTERBOARD FALSE CEILINGS.
- INTERMEDIATE CONNECTORS, END PIECES OR PENDANT SYSTEMS ARE TO BE ORDERED SEPARATELY.
- ELECTRONIC BALLAST OR DALI DIMMABLE BALLAST.
- AN OPTIONAL CABLE DUCT CAN BE INSTALLED IN THE UPPER PART OF THE STRUCTURE.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

# MODULI ELECTRO

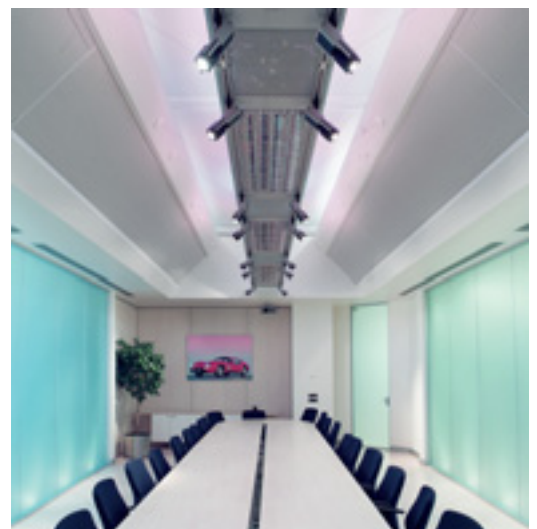
www.modulelectro.ru

NOT ONLY DOES RA SYSTEM REPRESENT A PLATFORM CAPABLE OF ACCOMMODATING DIFFERENT LIGHTING SYSTEMS, IT ALSO ACTS AS A SUPPORT FOR OTHER SYSTEMS OR SERVICES RELATED TO THE WORKING ENVIRONMENT. RA SPECIAL PROJECTS PROVIDES A RANGE OF ACCESSORIES AND INTEGRATED SYSTEMS, WHOSE PURPOSE IS TO IMPROVE THE QUALITY OF LIFE OF ANY INTERIOR ENVIRONMENT BY SATISFYING ALL OF THE END USER'S SPECIFIC NEEDS.

IN VIRTUE OF ITS CLOSE COLLABORATION WITH FIRST-RATE SUPPLIERS, ARTEMIDE IS ABLE TO OFFER SOLUTIONS AND EQUIPMENT SUITABLE FOR ALL TYPES OF PROJECTS.

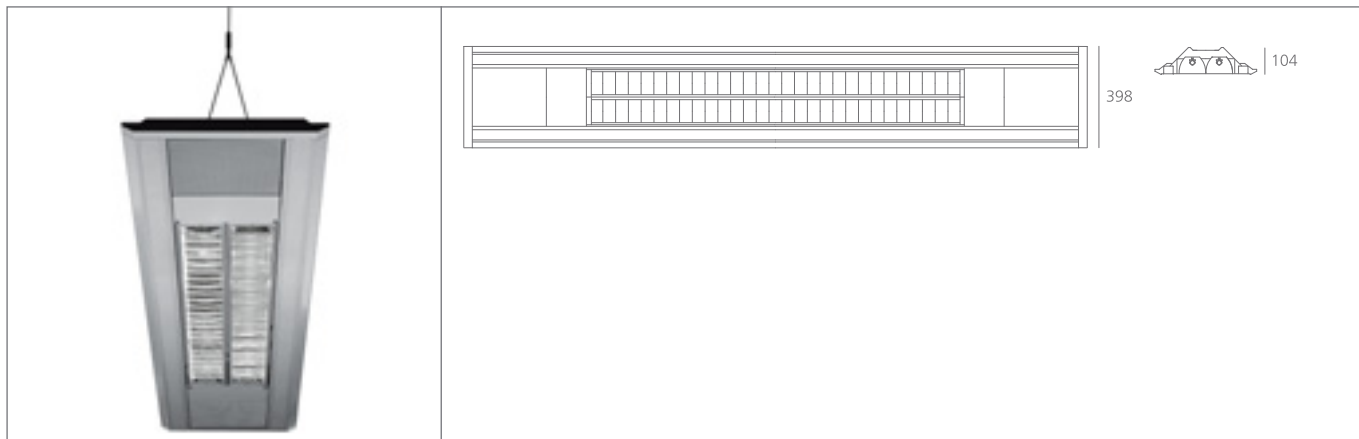


ACCADEMIA LIGUSTICA, GENOVA (I).

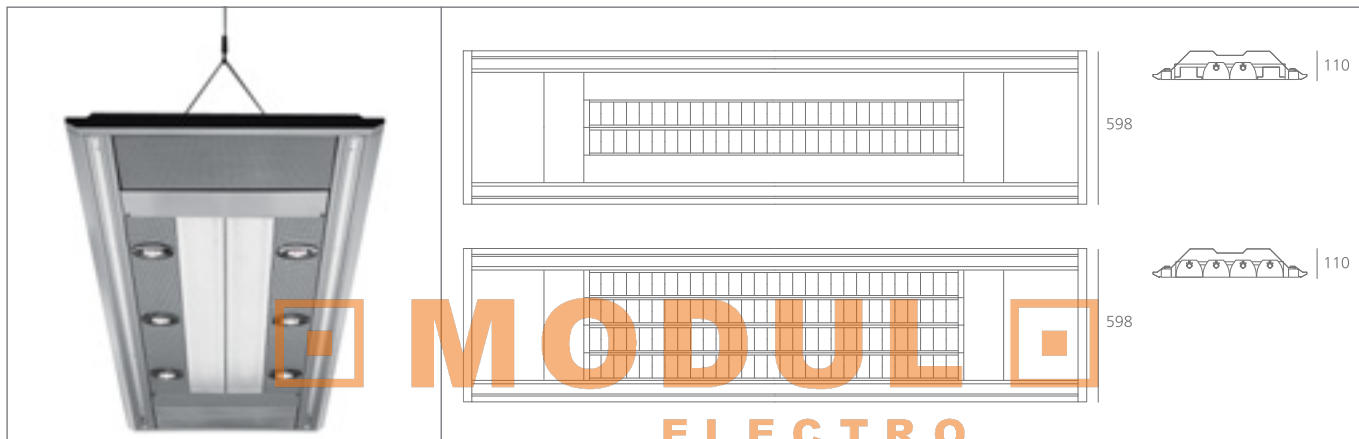


HQ'S MASERATI, MODENA (I), STUDIO STURCHIO ARCHITECTS & DESIGNERS.

## RA SYSTEM 400MM 2 LAMPS



## RA SYSTEM 600MM 2/4 LAMPS




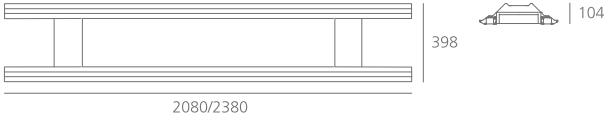
[www.modulelectro.ru](http://www.modulelectro.ru)




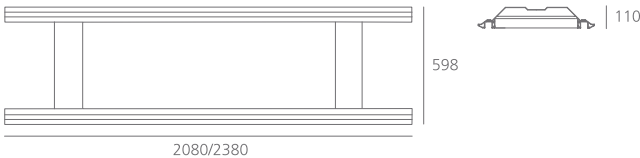
1. BASE STRUCTURE / 2. OPTICS / 3. 3-CIRCUIT TRACK / 4. END CAP / 5. END PANEL




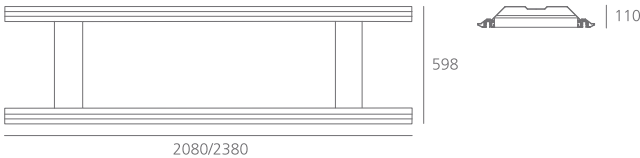
## RA SYSTEM BASE STRUCTURE 400MM WITHOUT TRACK

																							
	<p>⊕ ⊖ ● metal grey</p>																						
<table border="1"> <thead> <tr> <th>CODE</th> <th>VERSION</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td>L580300</td> <td>non dimmable</td> <td>2080mm (2x28W)</td> <td>11,65kg</td> </tr> <tr> <td>L580400</td> <td>non dimmable</td> <td>2380mm (2x35W)</td> <td>12,80kg</td> </tr> <tr> <td>L580900</td> <td>dimmable DALI</td> <td>2080mm (2x28W)</td> <td>11,65kg</td> </tr> <tr> <td>L581000</td> <td>dimmable DALI</td> <td>2380mm (2x35W)</td> <td>12,80kg</td> </tr> </tbody> </table>				CODE	VERSION	LENGTH	WEIGHT	L580300	non dimmable	2080mm (2x28W)	11,65kg	L580400	non dimmable	2380mm (2x35W)	12,80kg	L580900	dimmable DALI	2080mm (2x28W)	11,65kg	L581000	dimmable DALI	2380mm (2x35W)	12,80kg
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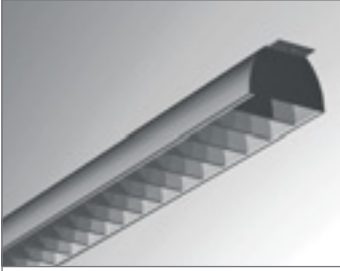
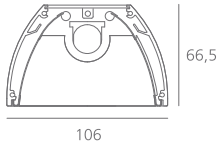
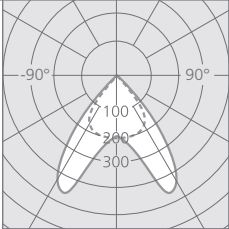
## RA SYSTEM BASE STRUCTURE 600MM WITHOUT TRACK

																																							
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<table border="1"> <thead> <tr> <th>CODE</th> <th>VERSION</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td>L560300</td> <td>non dimmable</td> <td>2080mm (2x28W)</td> <td>19,40kg</td> </tr> <tr> <td>L560400</td> <td>non dimmable</td> <td>2380mm (2x35W)</td> <td>19,70kg</td> </tr> <tr> <td>L562300</td> <td>non dimmable</td> <td>2080mm (4x28W)</td> <td>20,50kg</td> </tr> <tr> <td>L562400</td> <td>non dimmable</td> <td>2380mm (4x35W)</td> <td>20,80kg</td> </tr> <tr> <td>L560900</td> <td>dimmable DALI</td> <td>2080mm (2x28W)</td> <td>19,40kg</td> </tr> <tr> <td>L561000</td> <td>dimmable DALI</td> <td>2380mm (2x35W)</td> <td>19,70kg</td> </tr> <tr> <td>L562900</td> <td>dimmable DALI</td> <td>2080mm (4x28W)</td> <td>20,50kg</td> </tr> <tr> <td>L563000</td> <td>dimmable DALI</td> <td>2380mm (4x35W)</td> <td>20,80kg</td> </tr> </tbody> </table>				CODE	VERSION	LENGTH	WEIGHT	L560300	non dimmable	2080mm (2x28W)	19,40kg	L560400	non dimmable	2380mm (2x35W)	19,70kg	L562300	non dimmable	2080mm (4x28W)	20,50kg	L562400	non dimmable	2380mm (4x35W)	20,80kg	L560900	dimmable DALI	2080mm (2x28W)	19,40kg	L561000	dimmable DALI	2380mm (2x35W)	19,70kg	L562900	dimmable DALI	2080mm (4x28W)	20,50kg	L563000	dimmable DALI	2380mm (4x35W)	20,80kg
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## RA SYSTEM BASE STRUCTURE 600MM WITH 3-CIRCUIT TRACK

																																							
	<p>⊕ ⊖ ● metal grey</p>																																						
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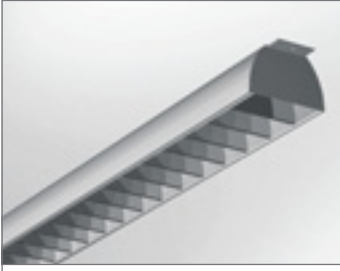
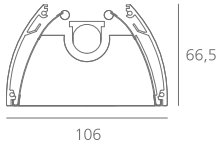
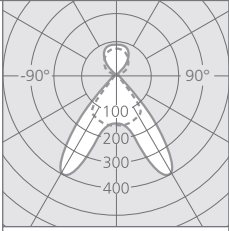
## RA SYSTEM DIRECT DARK LIGHT OPTIC

⊕ ⚡ IP20 ● metal grey

T16-HE/FH (G5)	CODE	LIGHT SOURCE	WEIGHT
28W = 2600lm 35W = 3300lm	<b>L564200</b>	T16 (G5) 1x28W	2,00kg
	<b>L564300</b>	T16 (G5) 1x35W	2,50kg

## RA SYSTEM DIRECT/INDIRECT DARK LIGHT OPTIC


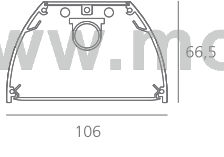
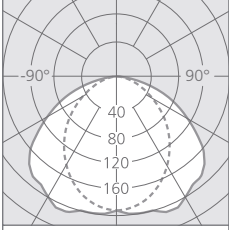




⊕ ⚡ IP20 ● metal grey

T16-HE/FH (G5)	CODE	LIGHT SOURCE	WEIGHT
28W = 2600lm 35W = 3300lm	<b>L565000</b>	T16 (G5) 1x28W	2,00kg
	<b>L565100</b>	T16 (G5) 1x35W	2,50kg

**MODULO ELECTRO**

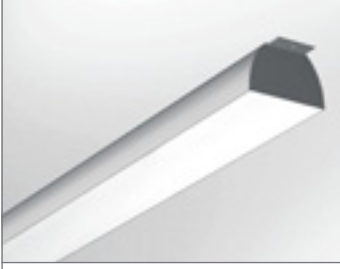
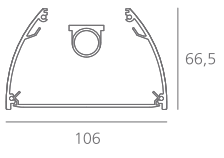
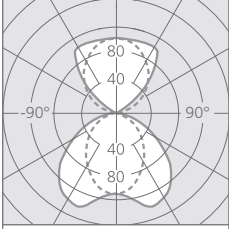
## RA SYSTEM DIRECT DIFFUSER OPTIC

⊕ ⚡ IP20 ● metal grey

T16-HE/FH (G5)	CODE	LIGHT SOURCE	WEIGHT
28W = 2600lm 35W = 3300lm	<b>L565800</b>	T16 (G5) 1x28W	2,00kg
	<b>L565900</b>	T16 (G5) 1x35W	2,50kg

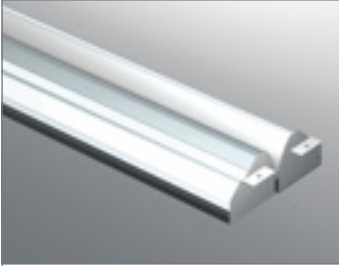
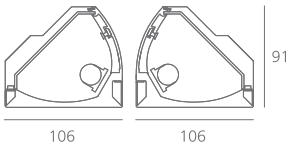
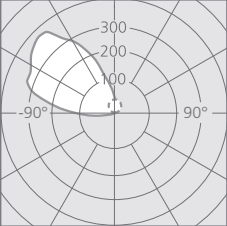
## RA SYSTEM DIRECT/INDIRECT DIFFUSER OPTIC




⊕ ⚡ IP20 ● metal grey

T16-HE/FH (G5)	CODE	LIGHT SOURCE	WEIGHT
28W = 2600lm 35W = 3300lm	<b>L566600</b>	T16 (G5) 1x28W	2,00kg
	<b>L566700</b>	T16 (G5) 1x35W	2,50kg

# RA SYSTEM INDIRECT ASYMMETRICAL OPTIC

			IP20 ● metal grey T16 (G5) <b>Cd/Klm</b>									
				T16-HE/FH (G5) 28W = 2600lm 35W = 3300lm								
	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>L567800</b></td> <td>T16 (G5) 1x28W + 1x28W</td> <td>4,00kg</td> </tr> <tr> <td><b>L567900</b></td> <td>T16 (G5) 1x35W + 1x35W</td> <td>5,00kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>L567800</b>	T16 (G5) 1x28W + 1x28W	4,00kg	<b>L567900</b>	T16 (G5) 1x35W + 1x35W	5,00kg		
CODE	LIGHT SOURCE	WEIGHT										
<b>L567800</b>	T16 (G5) 1x28W + 1x28W	4,00kg										
<b>L567900</b>	T16 (G5) 1x35W + 1x35W	5,00kg										

## RA SYSTEM ACCESSORIES

	End cap. <b>L575000</b> For RA SYSTEM 400mm. <b>L571000</b> For RA SYSTEM 600mm.		<b>L570900</b> Mid element for module connection (set of 2).
	End panel in microperforated steel. 285mm. <b>L575100</b> For RA SYSTEM 400mm. <b>L570100</b> For RA SYSTEM 600mm.		<b>L572600</b> Track live end + end cap for RA SYSTEM 600mm.
	Mid panel in microperforated steel. 580mm. <b>L575200</b> For RA SYSTEM 400mm. <b>L570200</b> For RA SYSTEM 600mm.		<b>L572700</b> Mid track connector (set of 2) for RA SYSTEM 600mm.
	Optic compartment cover (set of 2). <b>L572400</b> 28W. <b>L572500</b> 35W.		<b>L571700</b> Steel suspension cable. 2000mm.
	Upper cable duct. <b>L571110</b> End cap. <b>L571140</b> 28W mid. <b>L571150</b> 35W mid.		<b>L571800</b> Adjustable 4 wires suspension kit (for 1 module). 2000mm.
	<b>L573300</b> Mid connector. <b>L573400</b> End cap 2 pieces.		<b>L571600</b> Power supply rose, with feed cable (5x1,5mm <sup>2</sup> ). Ø120mm.
	Duct cover. <b>L571210</b> Terminal. <b>L571240</b> 28W mid. <b>L571250</b> 35W mid.		

# ORION SYSTEM

design S. & R. CORNELISSEN



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### ORION SYSTEM

- MODULAR PENDANT SYSTEM WITH INDIRECT LIGHTING USING T16 FLUORESCENT LAMPS.
- EXTRUDED ALUMINUM BODY WITH WHITE PAINT FINISH.
- CONTINUOUS LINEAR MOUNTING OR WITH 90° CONNECTORS (INTERNAL AND EXTERNAL ANGLES).
- EXTRUDED ALUMINUM END CAPS (PROVIDED WITH STEEL CABLE SUSPENSION SET).
- ELECTRONIC BALLAST, WITH OR WITHOUT DIMMING (DALI-SWITCHDIM).
- VERSION 3x54W T16 RGB COMPATIBLE WITH METAMORFOSI AND MY WHITE LIGHT CONTROL UNITS (TO BE ORDERED SEPARATELY). (SEE PAGE 394).
- EMERGENCY LIGHTING AS AN OPTIONAL EXTRA.
- POLYCARBONATE DUST-PROTECTION COVER.
- QUICK ADJUSTMENT 2,5-METER LONG STEEL SUSPENSION CABLES.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

### ORION PROJECTORS

- ADJUSTABLE SPOTLIGHTS USING QR111/12V HALOGEN OR HIR111 METAL HALIDE LAMPS.
- AVAILABLE IN MONO OR DUO KIT, THEY COME COMPLETE WITH CABLES AND ELECTRONIC CONTROL GEAR.
- INSTALLED BY SIMPLE CLIPPING ONTO A BUILT IN MECHANICAL TRACK.
- TILT ANGLE OF UP TO 60°, ROTATION OF UP TO 180°.
- EACH ORION SYSTEM MODULE CAN TAKE 1 OR 2 KITS (OR 1 TO 4 SPOTLIGHTS).
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.






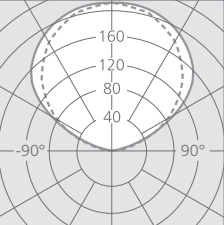


▣ **MODUL** ▣


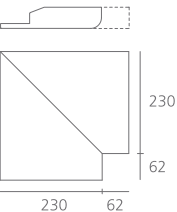



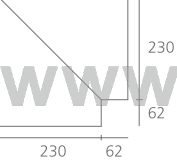

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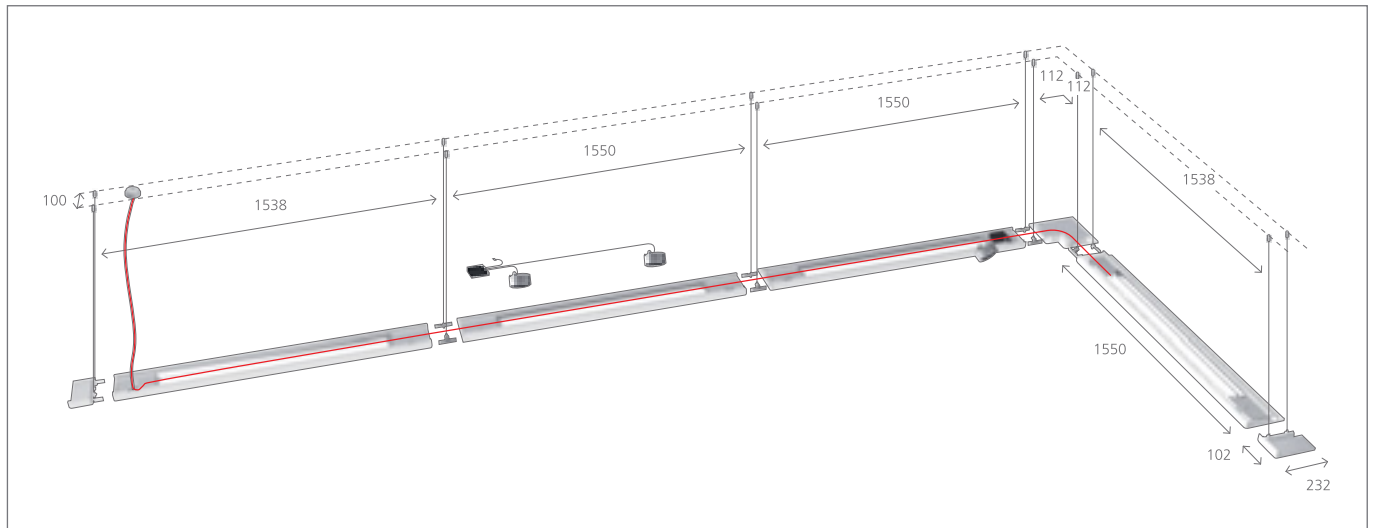
# ORION SYSTEM

			
T16-HO/FQ (G5) 54W = 4450lm	<b>CODE</b>	<b>LIGHT SOURCE</b>	<b>WEIGHT</b>
	<b>M177520</b>	T16 (G5) 2x54W non dimmable	5,00kg
	<b>M177527</b>	T16 (G5) 2x54W non dimmable + emergency 1h	5,80kg
	<b>M177521</b>	T16 (G5) 2x54W dimmable DALI	5,00kg
	<b>M177620</b>	T16 (G5) 3x54W RGB	5,30kg











# ORION SYSTEM COMPONENTS

	<b>M178020</b> 90° internal corner. Unwired.			End cap. 102x230mm. Includes 1 set of steel suspension cables 1200mm long.
	○ white		<b>M178220</b> left. <b>M178320</b> right. ○ white	
				<b>M178420</b> Set of steel suspension cables. 1200mm.
	<b>M178120</b> 90° external corner. Unwired.			Power feed cable 1200mm long. Ceiling plate Ø100mm.
	○ white		<b>M178520</b> 5 wires. 5x1,5mm². <b>M178620</b> 7 wires. 5x1,5mm² + 2x0,5mm². ○ white	
				METAMORFOSI and MY WHITE LIGHT technology components. See page 394.
<b>INTERACTIVE-DALI TECHNOLOGY</b>	INTERACTIVE-DALI components: see page 6.			




# ORION SYSTEM



## ORION SINGLE PROJECTOR KIT

	 <p>IP20 850° ○ white 0 ● grey 2</p>												
<p>QR111 (G53) </p> <p>HIR111-CE-P (GX8,5) </p>	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M1735.0</b></td> <td>QR111 (G53) 12V 1xmax100W</td> <td></td> <td>0,70kg</td> </tr> <tr> <td><b>M1737.0</b></td> <td>HIR111-CE-P (GX8,5) 1x70W</td> <td></td> <td>0,70kg</td> </tr> </tbody> </table> <p>Kit comes prewired, with electronic control gear.</p>	CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M1735.0</b>	QR111 (G53) 12V 1xmax100W		0,70kg	<b>M1737.0</b>	HIR111-CE-P (GX8,5) 1x70W		0,70kg
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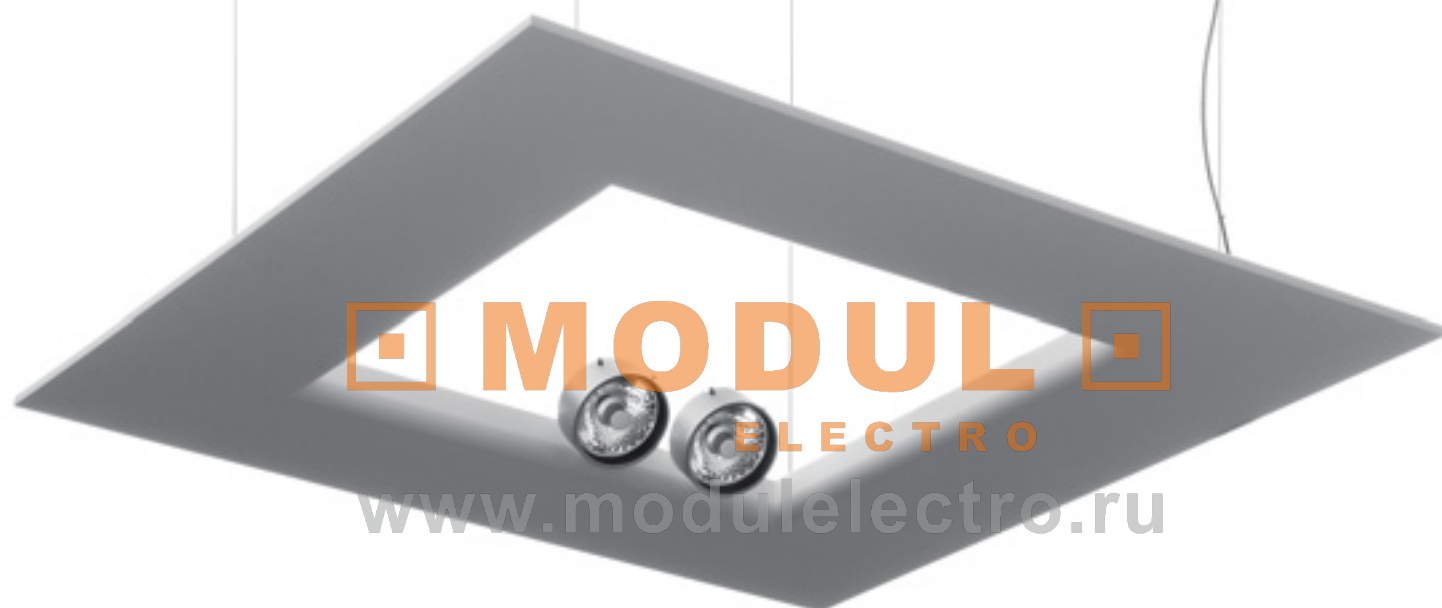
## ORION DOUBLE PROJECTOR KIT

	 <p>IP20 850° ○ white 0 ● grey 2</p>								
<p>HIR111-CE-P (GX8,5) </p>	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>CLASS</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M1738.0</b></td> <td>HIR111-CE-P (GX8,5) 2x35W</td> <td></td> <td>1,00kg</td> </tr> </tbody> </table> <p>Kit comes prewired, with electronic control gear.</p>	CODE	LIGHT SOURCE	CLASS	WEIGHT	<b>M1738.0</b>	HIR111-CE-P (GX8,5) 2x35W		1,00kg
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# ORION SUSPENSION



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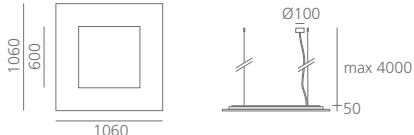
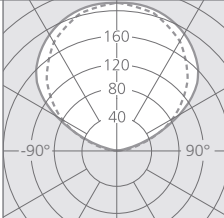

- SINGLE PENDANT WITH INDIRECT LIGHTING USING 4x55W TC-LEL FLUORESCENT LAMPS.
- EXTRUDED ALUMINIUM BODY WITH WHITE PAINT FINISH.
- OPTIONAL ACCENT LIGHTING SPOTLIGHTS USING QR111/12V HALOGEN OR HIR111 METAL-HALIDE LAMPS.
- AVAILABLE IN MONO OR DUO KIT, THESE SPOTLIGHTS COME COMPLETE WITH CABLES AND ELECTRONIC CONTROL GEAR.
- EACH PENDANT CAN TAKE 1 TO 8 SPOTS (OR 1 TO 4 KITS) INSTALLED BY SIMPLE CLIPPING ONTO A BUILT IN MECHANICAL TRACK.
- LIGHT OUTPUT RATIO: 60%.
- ELECTRONIC BALLAST OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST, AND EMERGENCY LIGHTING.
- LUMINAIRE COMES COMPLETE WITH 4 QUICK-ADJUSTMENT STEEL SUSPENSION CABLES 4 METRES IN LENGTH, CEILING PLATE AND POWER CABLE.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.



KRONOSPAN ITALIA, SAN VITO AL TAGLIAMENTO (I), PIERLUIGI GIORDANO - MAURO BELLINZANI.



## ORION SUSPENSION





														
			Ⓢ Ⓡ IP20 850° ○ white	TC-LEL (2G11) <b>Cd/Klm</b>										
TC-LEL (2G11) 55W = 4800lm		<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M173020</b></td> <td>TC-LEL (2G11) 4x55W non dimmable</td> <td>15,50kg</td> </tr> <tr> <td><b>M173027</b></td> <td>TC-LEL (2G11) 4x55W non dimmable + emergency 1h</td> <td>16,10kg</td> </tr> <tr> <td><b>M173021</b></td> <td>TC-LEL (2G11) 4x55W dimmable DALI</td> <td>15,50kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M173020</b>	TC-LEL (2G11) 4x55W non dimmable	15,50kg	<b>M173027</b>	TC-LEL (2G11) 4x55W non dimmable + emergency 1h	16,10kg	<b>M173021</b>	TC-LEL (2G11) 4x55W dimmable DALI	15,50kg
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## ORION SINGLE PROJECTOR KIT

														
			IP20 850° ○ white 0 ● grey 2											
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<b>M1737.0</b>	HIR111-CE-P (GX8,5) 1x70W	Ⓢ	0,70kg											
Kit comes prewired, with electronic control gear.														

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## ORION DOUBLE PROJECTOR KIT


										
			IP20 850° ○ white 0 ● grey 2							
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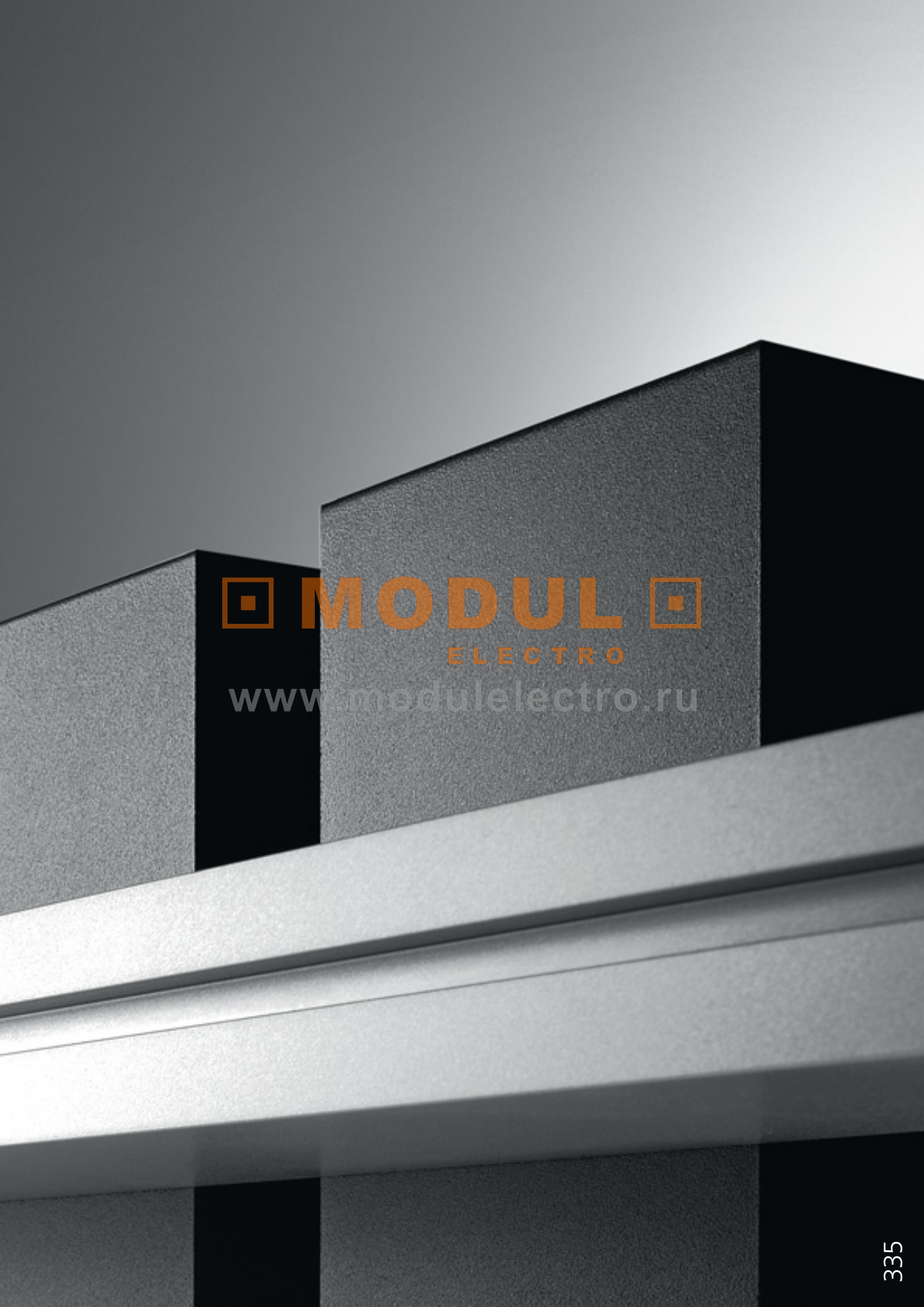
## ORION SUSPENSION ACCESSORIES



INTERACTIVE-DALI TECHNOLOGY	INTERACTIVE-DALI components: see page 6.
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# MIX SYSTEM

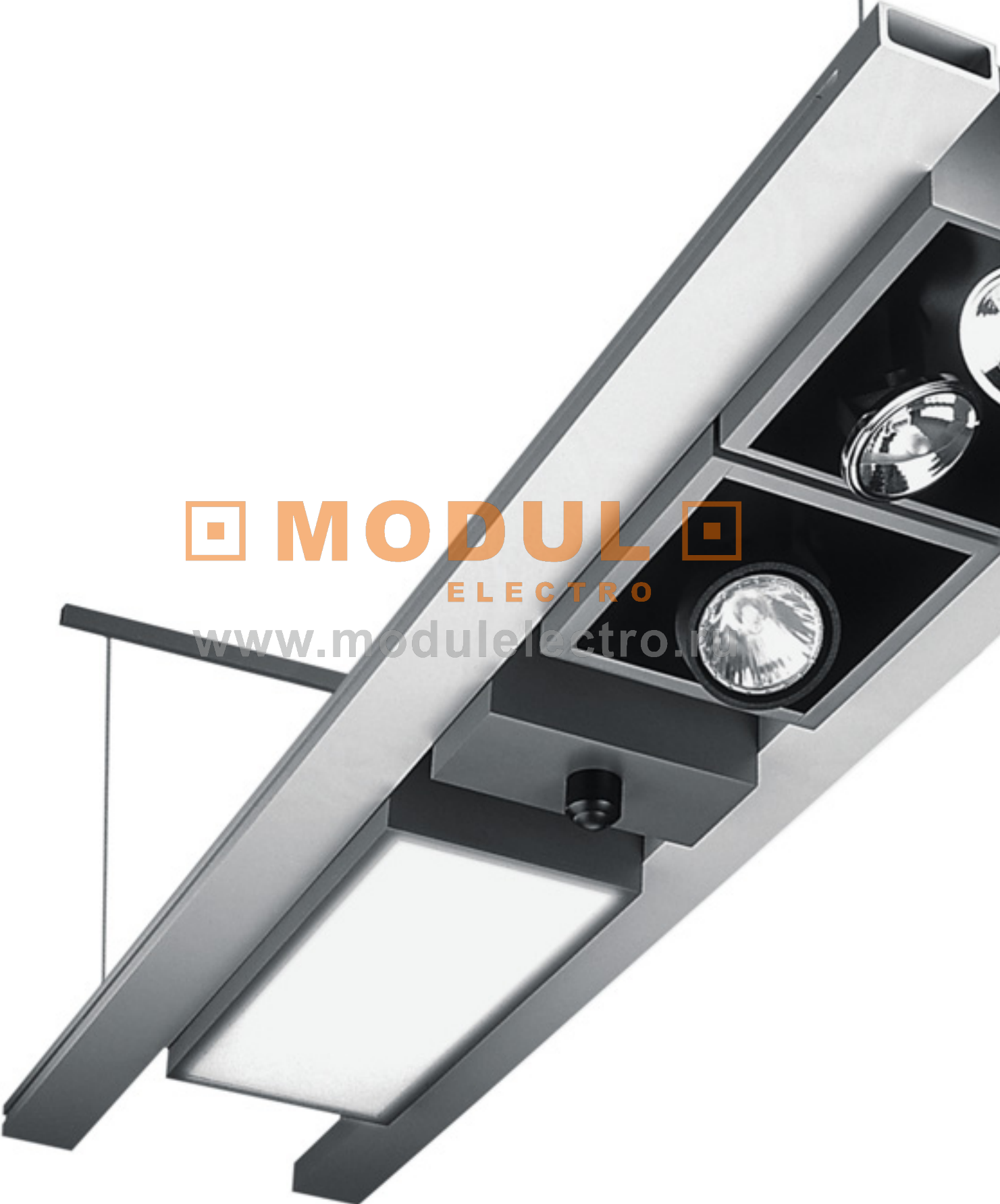
design ZEBULON

  
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The image features a modern architectural background with dark, textured rectangular blocks and a light-colored horizontal ledge. Overlaid on this is the logo for MODUL ELECTRO. The logo consists of the word "MODUL" in a large, bold, orange sans-serif font, flanked by two square icons. Each icon is a square with a smaller square inside, also in orange. Below "MODUL" is the word "ELECTRO" in a smaller, orange, spaced-out sans-serif font. At the bottom of the logo is the website address "www.modulelectro.ru" in a white, lowercase sans-serif font.

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# MIX SYSTEM



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# MODUL

## ELECTRO

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• MULTI-SOURCE MODULAR PENDANT SYSTEM USING 12V HALOGEN, METAL-HALIDE AND COMPACT FLUORESCENT LAMPS.

• THE SUPPORTING STRUCTURE IS COMPRISED OF 2 PARALLEL LINEAR PROFILES MADE OF EXTRUDED ALUMINIUM, LENGTH 2040MM, WITH A LIGHT GREY PAINT FINISH. ONE OF THE PROFILES IS INTENDED TO HOST THE MAINS POWER SUPPLY CABLES, WHILST THE OTHER ACTS AS HOST TO AUXILIARY CIRCUITS ALLOWING FOR SERVICES LIKE AUDIO, VIDEO, COMPUTER, SMOKE DETECTOR, ETC.

• STEEL LIGHTING MODULES WITH ANTHRACITE GREY PAINT FINISH, AVAILABLE IN 330MM OR 670MM LENGTHS DEPENDING ON THE LIGHT SOURCES. THEY CAN BE INSTALLED FREELY AT ANY POINT ON THE STRUCTURE DEPENDING ON THE LIGHTING SOLUTION REQUIRED.

• INTEGRAL CONTROL GEAR.

• SUSPENSION ROD FOR SIGNAL PANELS AVAILABLE AS AN OPTIONAL EXTRA.

• SUSPENSION CABLES, POWER CABLES, LINEAR OR 90° CONNECTORS AND DECORATIVE END CAPS TO BE ORDERED SEPARATELY.

• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.



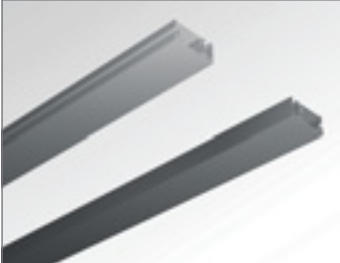


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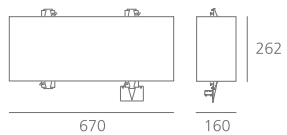
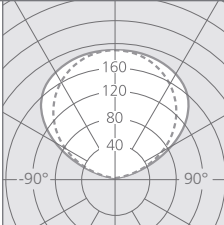
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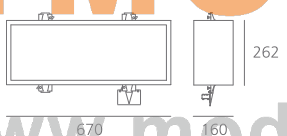
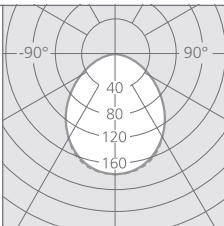
## MIX SYSTEM STRUCTURE


	 40
	 2040   85
● grey	
<b>CODE</b>	<b>WEIGHT</b>
<b>M130090</b> Structure 2 pieces	5,30kg

## MIX SYSTEM MODULES INDIRECT EMISSION

	 262 670   160	
	⚡ IP20 ● grey	
TC-LEL (2G11) 55W = 4800lm	<b>CODE</b>	<b>WEIGHT</b>
<b>M133190</b> TC-LEL (2G11) 2x55W	6,50kg	

## MIX SYSTEM MODULES DIRECT DIFFUSED EMISSION


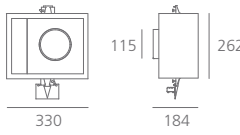
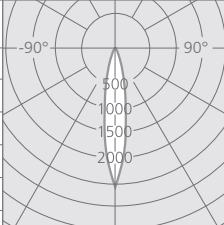
	 262 670   160	
	⚡ IP20 ● grey	
TC-LEL (2G11) 55W = 4800lm	<b>CODE</b>	<b>WEIGHT</b>
<b>M133090</b> TC-LEL (2G11) 2x55W	7,30kg	
Sanded glass diffuser.		


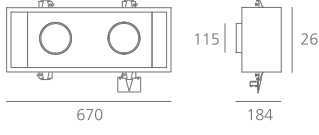
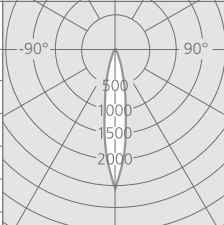
  
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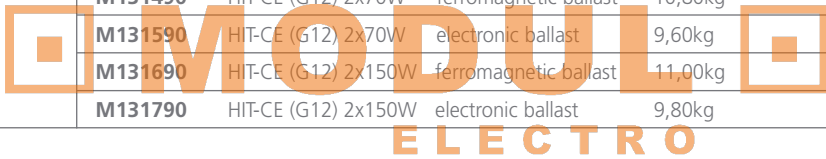


AL TAYER MOTORS, DUBAI (UAE), SIMON IRESON.  
PAGE 338: WHITE STAR ADVENTURE, MILAN (I), CARLA CELESTINO.


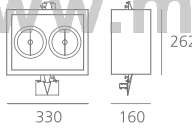
# MIX SYSTEM SPOTLIGHTING MODULES


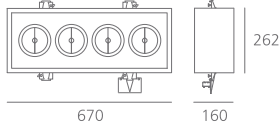
		<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0,31</td> <td>16851</td> <td>8221</td> </tr> <tr> <td>2</td> <td>0,62</td> <td>4213</td> <td>2055</td> </tr> <tr> <td>3</td> <td>0,93</td> <td>1872</td> <td>913</td> </tr> <tr> <td>4</td> <td>1,24</td> <td>1053</td> <td>514</td> </tr> <tr> <td>5</td> <td>1,55</td> <td>674</td> <td>329</td> </tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	1	0,31	16851	8221	2	0,62	4213	2055	3	0,93	1872	913	4	1,24	1053	514	5	1,55	674	329	<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0,31</td> <td>35745</td> <td>17438</td> </tr> <tr> <td>2</td> <td>0,62</td> <td>8936</td> <td>4359</td> </tr> <tr> <td>3</td> <td>0,93</td> <td>3972</td> <td>1938</td> </tr> <tr> <td>4</td> <td>1,24</td> <td>2234</td> <td>1090</td> </tr> <tr> <td>5</td> <td>1,55</td> <td>1430</td> <td>698</td> </tr> </tbody> </table>	H m	Ø m	EMax lux	EM lux	1	0,31	35745	17438	2	0,62	8936	4359	3	0,93	3972	1938	4	1,24	2234	1090	5	1,55	1430	698	
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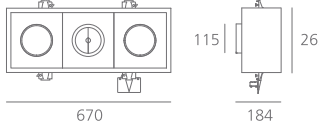
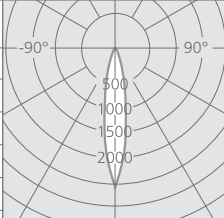
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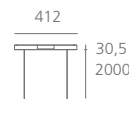

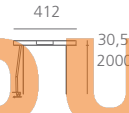

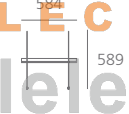
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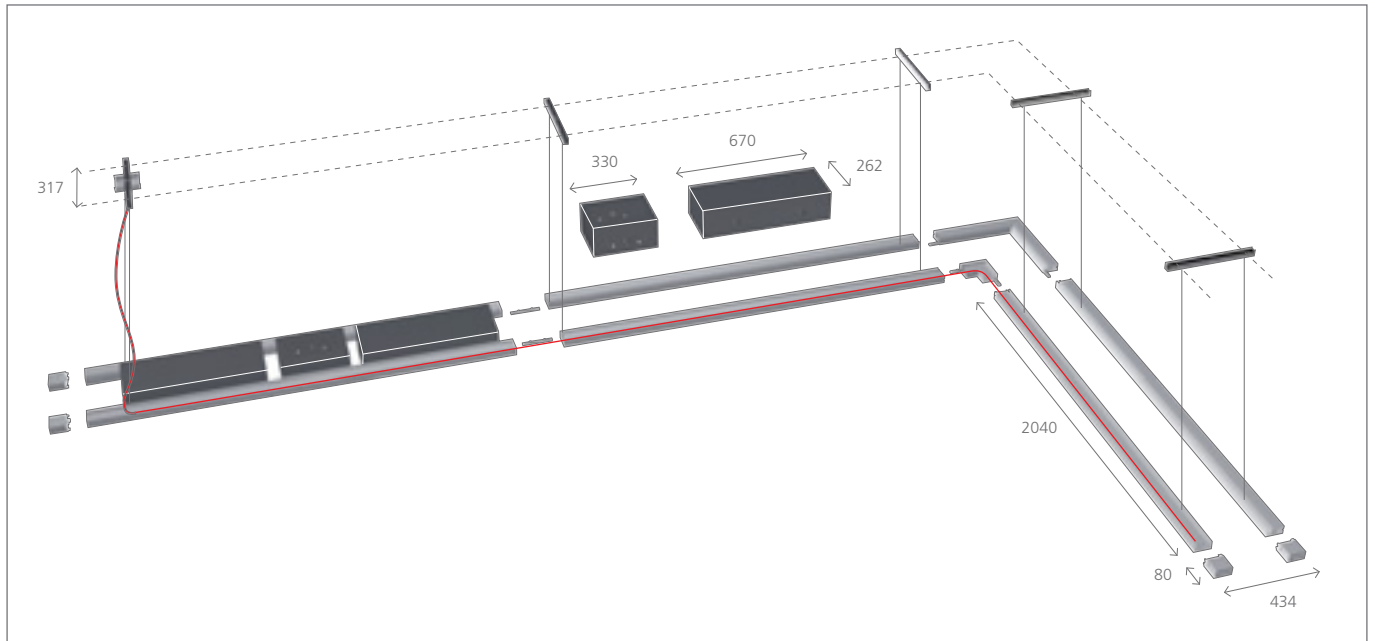
## MIX SYSTEM SPOTLIGHTING MODULES

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<p>HIT-CE (G12) 70W = 6600lm 150W = 14000lm</p> <p>QR111 (G53)</p>	<p>CODE LIGHT SOURCE WEIGHT</p> <p><b>M133390</b> HIT-CE (G12) 1x70W ferromagnetic ballast + QR111 (G53) 12V 2xmax50W 9,20kg</p> <p><b>M133290</b> HIT-CE (G12) 1x70W electronic ballast + QR111 (G53) 12V 2xmax50W 8,90kg</p> <p><b>M133590</b> HIT-CE (G12) 1x150W ferromagnetic ballast + QR111 (G53) 12V 2xmax50W 9,40kg</p> <p><b>M133490</b> HIT-CE (G12) 1x150W electronic ballast + QR111 (G53) 12V 2xmax50W 9,10kg</p> <p>Halogen equipment with integral electronic transformer 35-105W, 230-240V/12V. Dimmable by trailing edge external dimmers.</p>																																																		

## MIX SYSTEM COMPONENTS


	<p><b>M130490</b> Decorative end cap (set of 2). 80x85x40mm.</p> <p>● grey</p>		<p><b>M130290</b> Suspension set with steel wires.</p>
	<p><b>M130190</b> Linear connector (set of 2).</p>		<p><b>M130390</b> Suspension set with power feed cable (5x1,5mm²).</p>
	<p><b>M130690</b> L-shaped connector. 2,30kg.</p> <p>● grey</p>		<p><b>M130590</b> Suspension set for signal panels.</p>

## MIX SYSTEM



# MOUETTE

design WILMOTTE & INDUSTRIES

  
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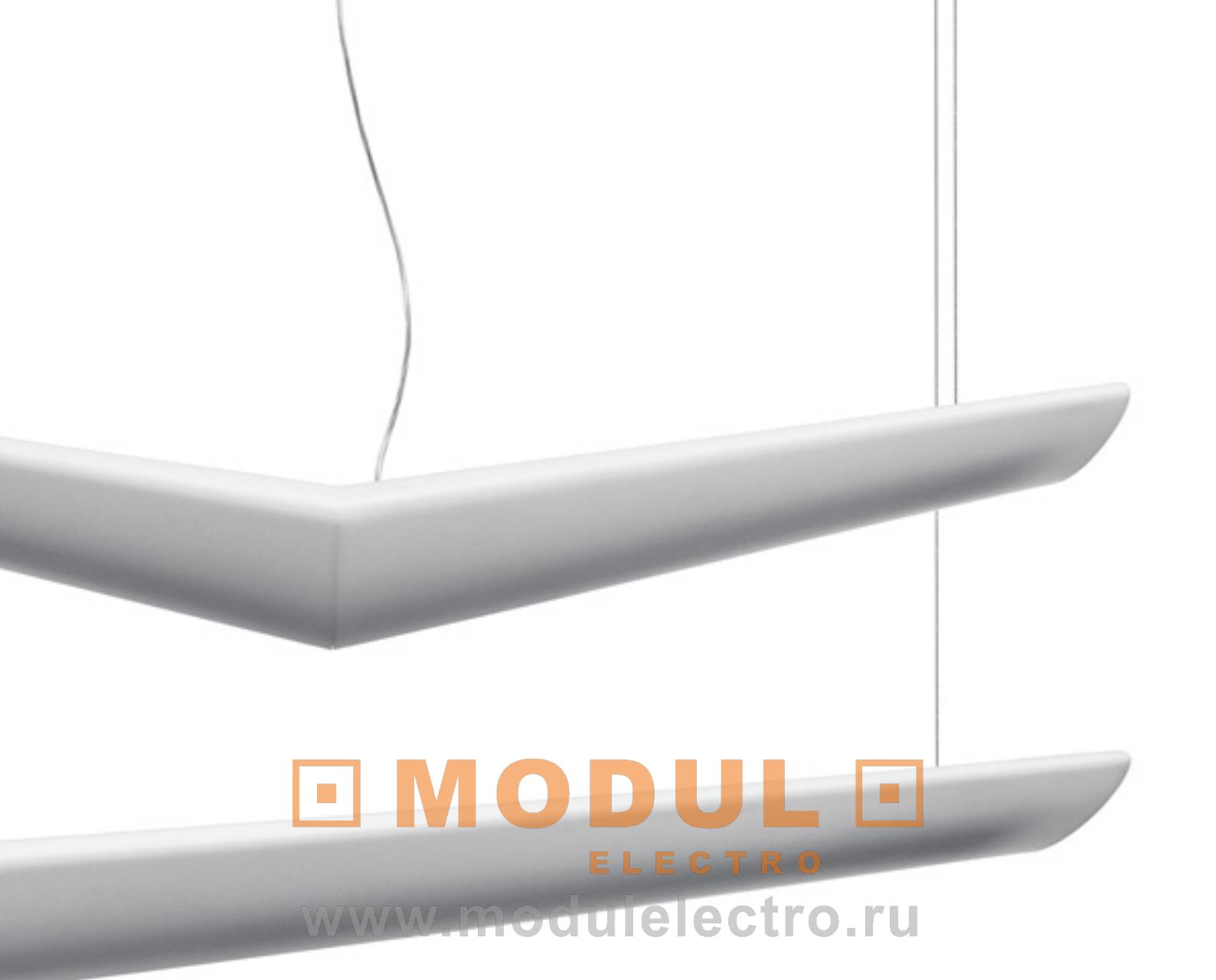
# MOUETTE

  
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- SINGLE PENDANT WITH DIFFUSED LIGHTING USING 24W AND 54W T16 FLUORESCENT LAMPS.
- SOLID OPALINE DIFFUSER IN MOULDED POLYPROPYLENE, AVAILABLE IN 2 VERSIONS: SYMMETRICAL OR ASYMMETRICAL.
- LIGHT OUTPUT RATIO: 55%.
- LIGHT DISTRIBUTION: 74% DIRECT AND 26% INDIRECT.
- ELECTRONIC OR DSI DIMMABLE ELECTRONIC BALLAST.
- THE UPPER PART HAS AN OPENING FOR EASY INSTALLATION AND MAINTAINANCE.
- LUMINAIRE COMES COMPLETE WITH 2M OR 6M LONG QUICK-ADJUSTMENT STEEL SUSPENSION CABLES, CEILING PLATE AND POWER CABLE.
- T16 LIGHT SOURCES INCLUDED (3000K).
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.





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SALA CONSILIARE COMUNE DI SEGRATE, SEGRATE (I), EDOARDO ZANABONI.



EURIZON CAPITAL SGR, MILAN (I),  
S. SUARDI, S. AKSU


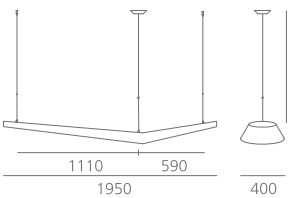
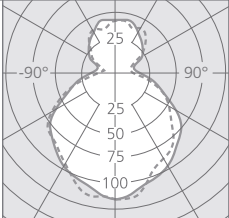


PALAZZO ITALIA, BERLIN (D).



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# MOUETTE ASYMMETRICAL

max.1900 / max.5900

1110 590 1950 400


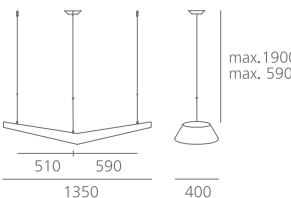
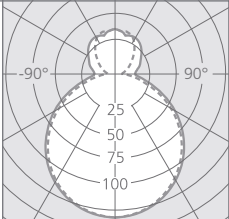
⊕ ⚡ IP40/20 ⚡<sub>03</sub> ○ white opaline

T16 (G5) Cd/Klm

T16-HO/FQ (G5)	CODE	LIGHT SOURCE	HEIGHT	WEIGHT
24W = 1750lm 54W = 4450lm	<b>L860410</b>	T16 (G5) 2x24W + 2x54W non dimmable	max.1900mm	6,80kg
	<b>L860450</b>	T16 (G5) 2x24W + 2x54W non dimmable	max. 5900mm	6,90kg
	<b>L860510</b>	T16 (G5) 2x24W + 2x54W dimmable DSI	max.1900mm	6,80kg
	<b>L860550</b>	T16 (G5) 2x24W + 2x54W dimmable DSI	max. 5900mm	6,90kg

T16 fluorescent light sources (3000K) included.

# MOUETTE SYMMETRICAL

max.1900 / max. 5900

510 590 1350 400

⊕ ⚡ IP40/20 ⚡<sub>03</sub> ○ white opaline

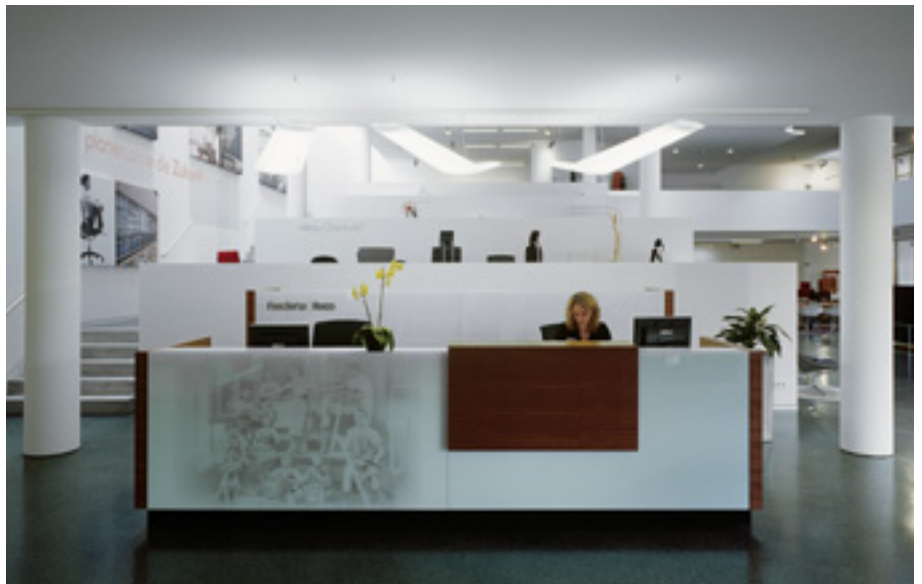
T16 (G5) Cd/Klm

T16-HO/FQ (G5)	CODE	LIGHT SOURCE	HEIGHT	WEIGHT
24W = 1750lm	<b>L860610</b>	T16 (G5) 4x24W non dimmable	max.1900mm	5,40kg
	<b>L860650</b>	T16 (G5) 4x24W non dimmable	max. 5900mm	5,50kg
	<b>L860710</b>	T16 (G5) 4x24W dimmable DSI	max.1900mm	5,40kg
	<b>L860750</b>	T16 (G5) 4x24W dimmable DSI	max. 5900mm	5,50kg

T16 fluorescent light sources (3000K) included.



WHITE STAR ADVENTURE, MILAN (I), CARLA CELESTINO.  
PAGE 346: DISCOVERY CHANNEL, MILAN (I).



FECO FORUM, KARLSRUHE (D), LEDERER, RAGNARSDÓTTIR, OIE.

**KAO**

design BRUNO HOUSSIN


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A modern office interior with a person working at a desk. The ceiling features horizontal slats and recessed lighting. A red horizontal bar is visible in the foreground. The background shows a white wall and a door.


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# KAO SUSPENSION



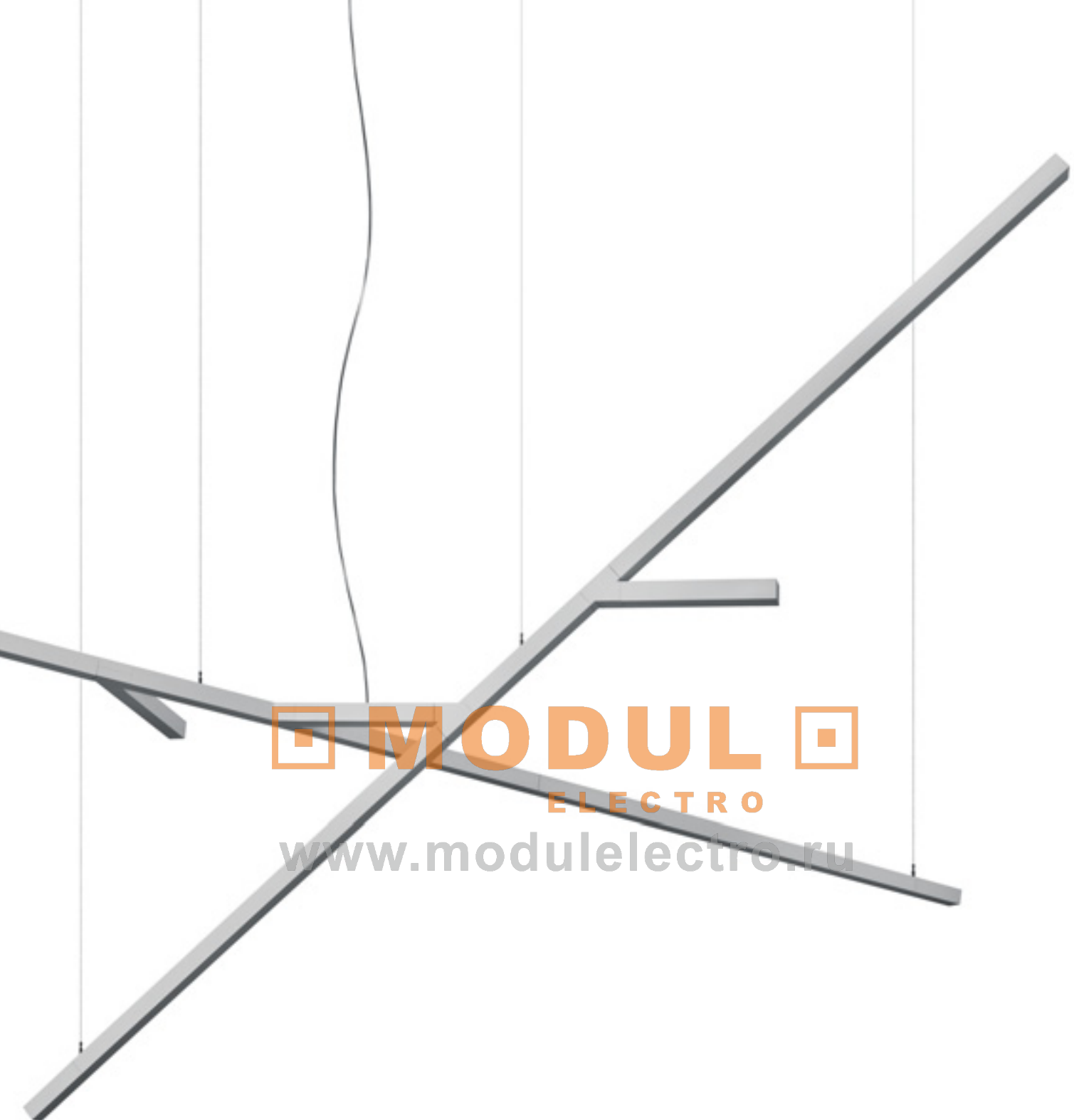
## MODULO ELECTRO

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- SERIES OF SUSPENDED LIGHTING STRUCTURES WITH INDIRECT LIGHTING USING 24W AND 54W T16 FLUORESCENT LAMPS, INTENDED FOR THE ILLUMINATION OF SPACES SUCH AS ENTRANCE HALLS, RECEPTION AREAS, CORRIDORS, MEETING ROOMS, ETC.
- 4 STANDARD VERSIONS.
- LUMINAIRES ARE MADE FROM ALUMINIUM WITH WHITE PAINT FINISH.
- 40x40MM SQUARE SECTION MODULES.
- EACH STRUCTURE IS COMPOSED OF PRE-ASSEMBLED AND PRE-WIRED SUB-UNITS.
- ELECTRICAL CONNECTION IS MADE VIA QUICK CONNECTORS.
- ELECTRONIC CONTROL GEAR.
- DUST PROTECTION SCREEN IN TRANSPARENT POLYCARBONATE.
- THE KITS ARE DELIVERED WITH A DRILLING STENCIL FOR PLACING THE CEILING FIXING POINTS.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.







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KIKAU, MASSAFRA (I), VITO REZZA.


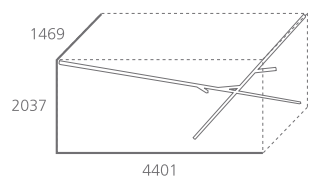
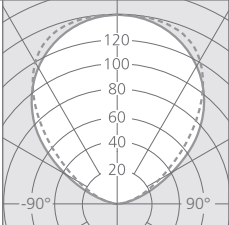






ABOVE AND PAGE 350-351: CF MAIER GMBH & CO. KG, KÖNIGSBRONN (D), WORTUNDFORM GBR.


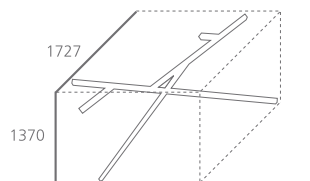
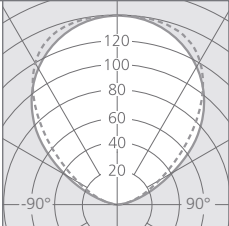






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ELECTRO  
[www.modulelectro.ru](http://www.modulelectro.ru)

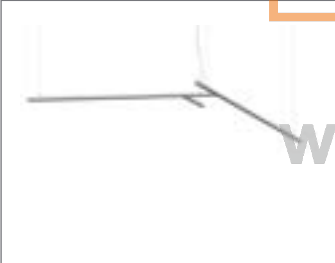
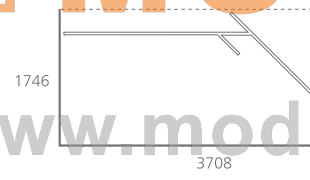
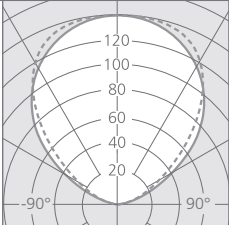




## KAO SUSPENSION KIT A

			  IP20 850°  white					
			T16 (G5) <b>Cd/Klm</b>					
T16/HO-FQ (G5) 24W = 1750lm 54W = 4450lm		<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M119120</b></td> <td>T16 (G5) 2x24W + 2x54W</td> <td>12,00kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M119120</b>	T16 (G5) 2x24W + 2x54W	12,00kg
CODE	LIGHT SOURCE	WEIGHT						
<b>M119120</b>	T16 (G5) 2x24W + 2x54W	12,00kg						


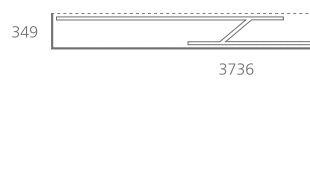
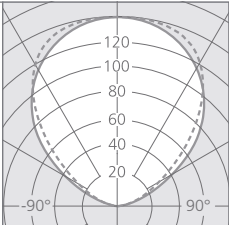




## KAO SUSPENSION KIT B

			  IP20 850°  white					
			T16 (G5) <b>Cd/Klm</b>					
T16/HO-FQ (G5) 24W = 1750lm 54W = 4450lm		<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M119220</b></td> <td>T16 (G5) 1x24W + 1x54W</td> <td>9,00kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M119220</b>	T16 (G5) 1x24W + 1x54W	9,00kg
CODE	LIGHT SOURCE	WEIGHT						
<b>M119220</b>	T16 (G5) 1x24W + 1x54W	9,00kg						

## KAO SUSPENSION KIT C

			  IP20 850°  white					
			T16 (G5) <b>Cd/Klm</b>					
T16/HO-FQ (G5) 54W = 4450lm		<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M119320</b></td> <td>T16 (G5) 2x54W</td> <td>7,20kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M119320</b>	T16 (G5) 2x54W	7,20kg
CODE	LIGHT SOURCE	WEIGHT						
<b>M119320</b>	T16 (G5) 2x54W	7,20kg						

## KAO SUSPENSION KIT D

			  IP20 850°  white					
			T16 (G5) <b>Cd/Klm</b>					
T16/HO-FQ (G5) 54W = 4450lm		<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M119420</b></td> <td>T16 (G5) 2x54W</td> <td>7,20kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M119420</b>	T16 (G5) 2x54W	7,20kg
CODE	LIGHT SOURCE	WEIGHT						
<b>M119420</b>	T16 (G5) 2x54W	7,20kg						



# KAO WALL/CEILING

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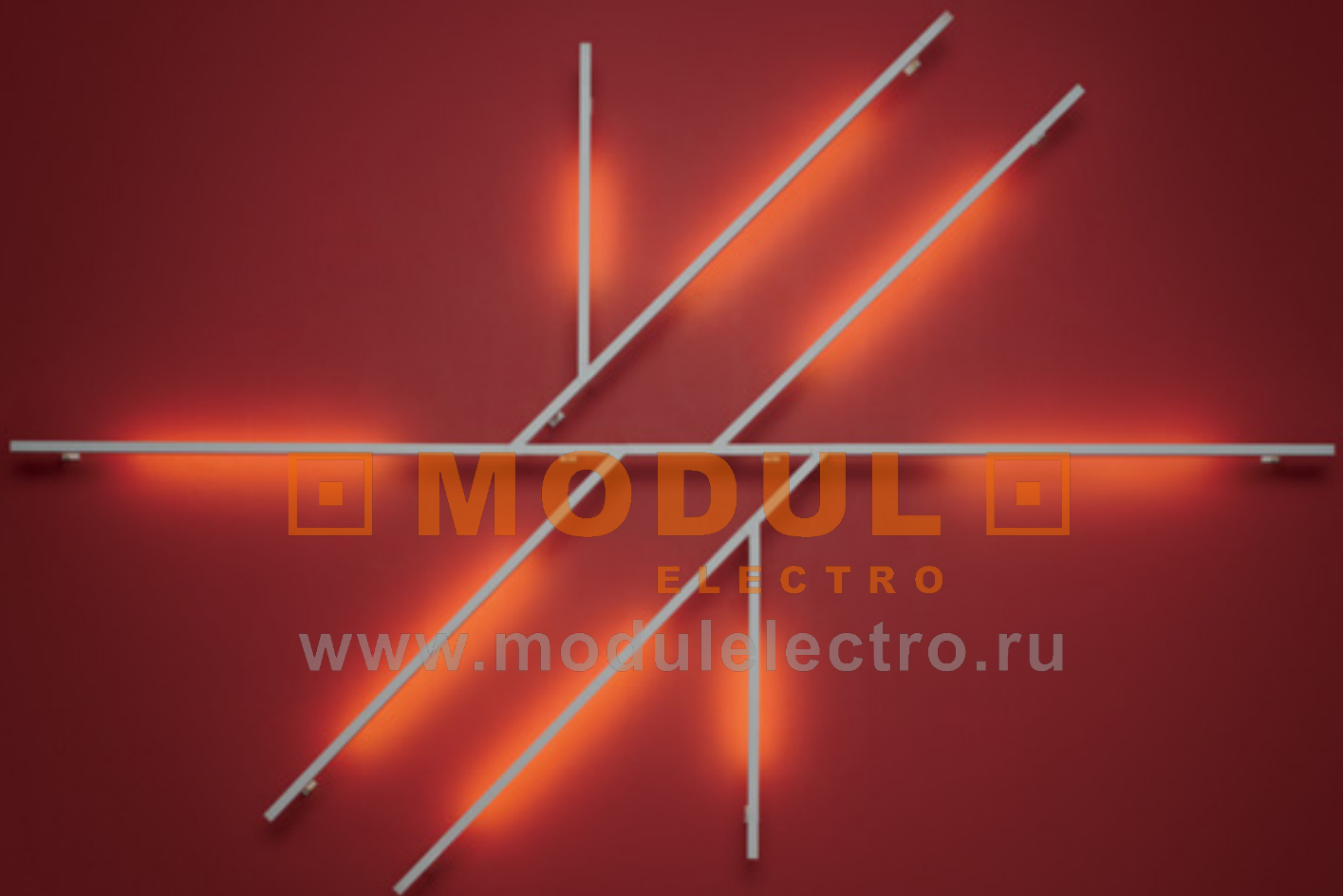




**MODUL**  
ELECTRO

[www.modulelectro.ru](http://www.modulelectro.ru)

- SERIES OF WALL- OR CEILING-MOUNTED LIGHTING STRUCTURES WITH INDIRECT LIGHTING USING 24W AND 54W T16 FLUORESCENT LAMPS, INTENDED FOR THE ILLUMINATION OF SPACES SUCH AS ENTRANCE HALLS, RECEPTION AREAS, CORRIDORS, MEETING ROOMS, ETC.
- 3 STANDARD VERSIONS.
- LUMINAIRES ARE MADE FROM ALUMINUM WITH WHITE PAINT FINISH.
- 40x40MM SQUARE SECTION MODULES.
- DISTANCE TO WALL OR CEILING: 160MM.
- EACH STRUCTURE IS COMPOSED OF PRE-ASSEMBLED AND PRE-WIRED SUB-UNITS.
- ELECTRICAL CONNECTION IS MADE VIA QUICK CONNECTORS.
- ELECTRONIC CONTROL GEAR.
- DUST PROTECTION SCREEN IN TRANSPARENT POLYCARBONATE.
- THE KITS ARE DELIVERED WITH A DRILLING STENCIL FOR PLACING THE FIXING POINTS.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.





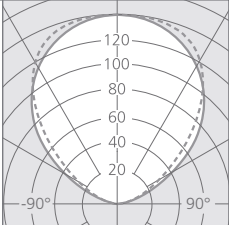
**MODUL**

ELECTRO


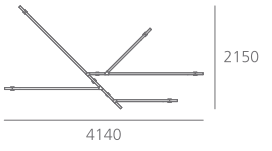
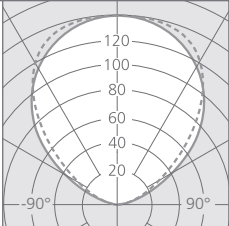
[www.modulelectro.ru](http://www.modulelectro.ru)




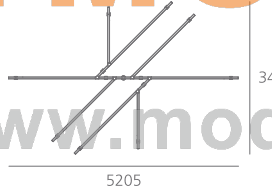
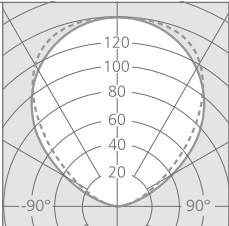
## KAO WALL/CEILING KIT E

		
T16/HO-FQ (G5) 54W = 4450lm	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	T16 (G5) <b>Cd/Klm</b>
	<b>M113020</b> T16 (G5) 4x54W      14,40kg	

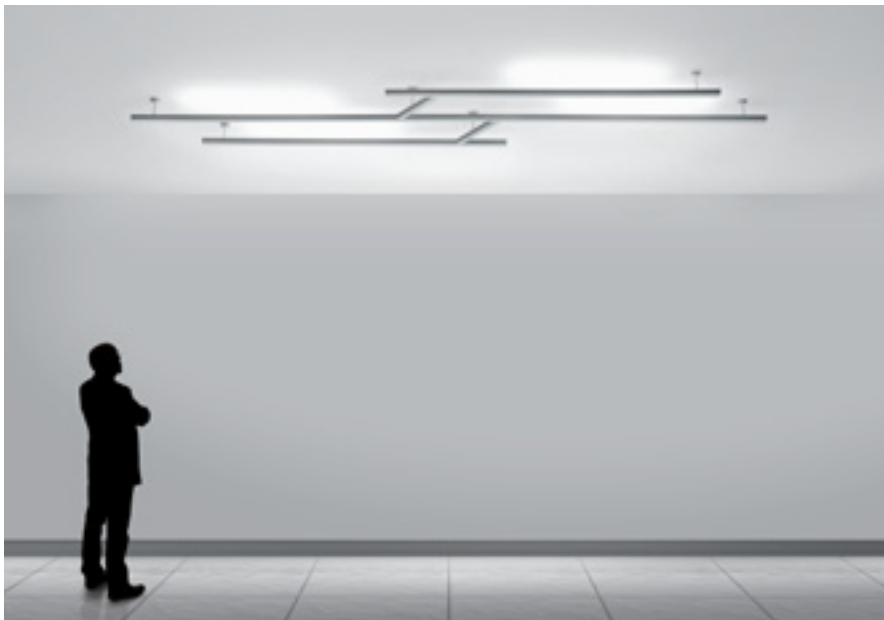
## KAO WALL/CEILING KIT F

		
T16/HO-FQ (G5) 24W = 1750lm 54W = 4450lm	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	T16 (G5) <b>Cd/Klm</b>
	<b>M113120</b> T16 (G5) 3x54W + 2x24W      23,00kg	

## KAO WALL/CEILING KIT G



		
T16/HO-FQ (G5) 24W = 1750lm 54W = 4450lm	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	T16 (G5) <b>Cd/Klm</b>
	<b>M113220</b> T16 (G5) 6x54W + 2x24W      39,00kg	

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KAO KIT E, CEILING MOUNTED

# OUREA

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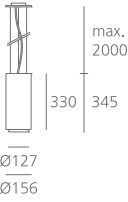
# OUREA

 **MODUL**   
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- A RANGE OF SUSPENDED LIGHTS AVAILABLE IN 2 SIZE OPTIONS (Ø156 AND 410MM) USING 12V HALOGEN, METAL HALIDE AND FLUORESCENT LAMPS.
- ALUMINIUM BODY.
- SUPER PURE ALUMINIUM OPTICS AND PROTECTION GLASS FOR HIT VERSION.
- FLUORESCENT VERSION COMES WITH A PRISMOPTIC DIFFUSER.
- ELECTRONIC CONTROL GEAR.
- QUICK ADJUSTMENT STEEL SUSPENSION CABLES.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.


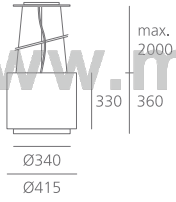
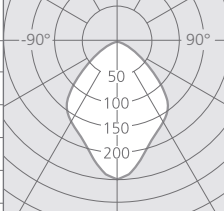
# OUREA 156

		Ⓧ Ⓡ IP20 960° ○ white																		
			QR111 (G53) HIT-CE (G12) 35W = 3300lm 70W = 6600lm																	
<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M178820*</b></td> <td>QR111 (G53) 12V 1xmax100W</td> <td>3,50kg</td> </tr> <tr> <td><b>M178920</b></td> <td>HIT-CE (G12) 1x35W 2x20°</td> <td>3,50kg</td> </tr> <tr> <td><b>M179020</b></td> <td>HIT-CE (G12) 1x35W 2x30°</td> <td>3,50kg</td> </tr> <tr> <td><b>M179120</b></td> <td>HIT-CE (G12) 1x70W 2x20°</td> <td>3,50kg</td> </tr> <tr> <td><b>M179220</b></td> <td>HIT-CE (G12) 1x70W 2x30°</td> <td>3,50kg</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	WEIGHT	<b>M178820*</b>	QR111 (G53) 12V 1xmax100W	3,50kg	<b>M178920</b>	HIT-CE (G12) 1x35W 2x20°	3,50kg	<b>M179020</b>	HIT-CE (G12) 1x35W 2x30°	3,50kg	<b>M179120</b>	HIT-CE (G12) 1x70W 2x20°	3,50kg	<b>M179220</b>	HIT-CE (G12) 1x70W 2x30°	3,50kg	*Integral electronic transformer 35-105W, 230-240V/12V. Class II. Dimmable by trailing edge external dimmers.
CODE	LIGHT SOURCE	WEIGHT																		
<b>M178820*</b>	QR111 (G53) 12V 1xmax100W	3,50kg																		
<b>M178920</b>	HIT-CE (G12) 1x35W 2x20°	3,50kg																		
<b>M179020</b>	HIT-CE (G12) 1x35W 2x30°	3,50kg																		
<b>M179120</b>	HIT-CE (G12) 1x70W 2x20°	3,50kg																		
<b>M179220</b>	HIT-CE (G12) 1x70W 2x30°	3,50kg																		


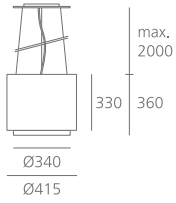
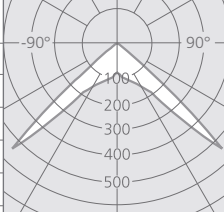
H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux
1	0,86	2964	1441	1	0,86	5927	2883	1	1,32	1693	553	1	1,32	3386	1107
2	1,72	741	360	2	1,72	1482	721	2	2,65	423	138	2	2,65	846	277
3	2,58	329	160	3	2,58	659	320	3	3,97	188	61	3	3,97	376	123
4	3,45	185	90	4	3,45	370	180	4	5,30	106	35	4	5,30	212	69
5	4,31	119	58	5	4,31	237	115	5	6,62	68	22	5	6,62	135	44

# MODULO

## OUREA 410 FLUO


		Ⓧ Ⓡ IP20 960° ○ white	<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>E<sub>max</sub> lux</th> <th>E<sub>M</sub> lux</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1,87</td> <td>816</td> <td>159</td> </tr> <tr> <td>2</td> <td>3,74</td> <td>204</td> <td>40</td> </tr> <tr> <td>3</td> <td>5,61</td> <td>91</td> <td>18</td> </tr> <tr> <td>4</td> <td>7,49</td> <td>51</td> <td>10</td> </tr> <tr> <td>5</td> <td>9,36</td> <td>33</td> <td>6</td> </tr> </tbody> </table>	H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	1	1,87	816	159	2	3,74	204	40	3	5,61	91	18	4	7,49	51	10	5	9,36	33	6	
				H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux																					
1	1,87	816	159																									
2	3,74	204	40																									
3	5,61	91	18																									
4	7,49	51	10																									
5	9,36	33	6																									
TC-TEL (GX24q-4) 42W = 3200lm																												
<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M179320</b></td> <td>TC-TEL (GX24q-4) 1x42W</td> <td>6,20kg</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	WEIGHT	<b>M179320</b>	TC-TEL (GX24q-4) 1x42W	6,20kg	Includes Prismatic diffuser.																				
CODE	LIGHT SOURCE	WEIGHT																										
<b>M179320</b>	TC-TEL (GX24q-4) 1x42W	6,20kg																										

## OUREA 410 HIT

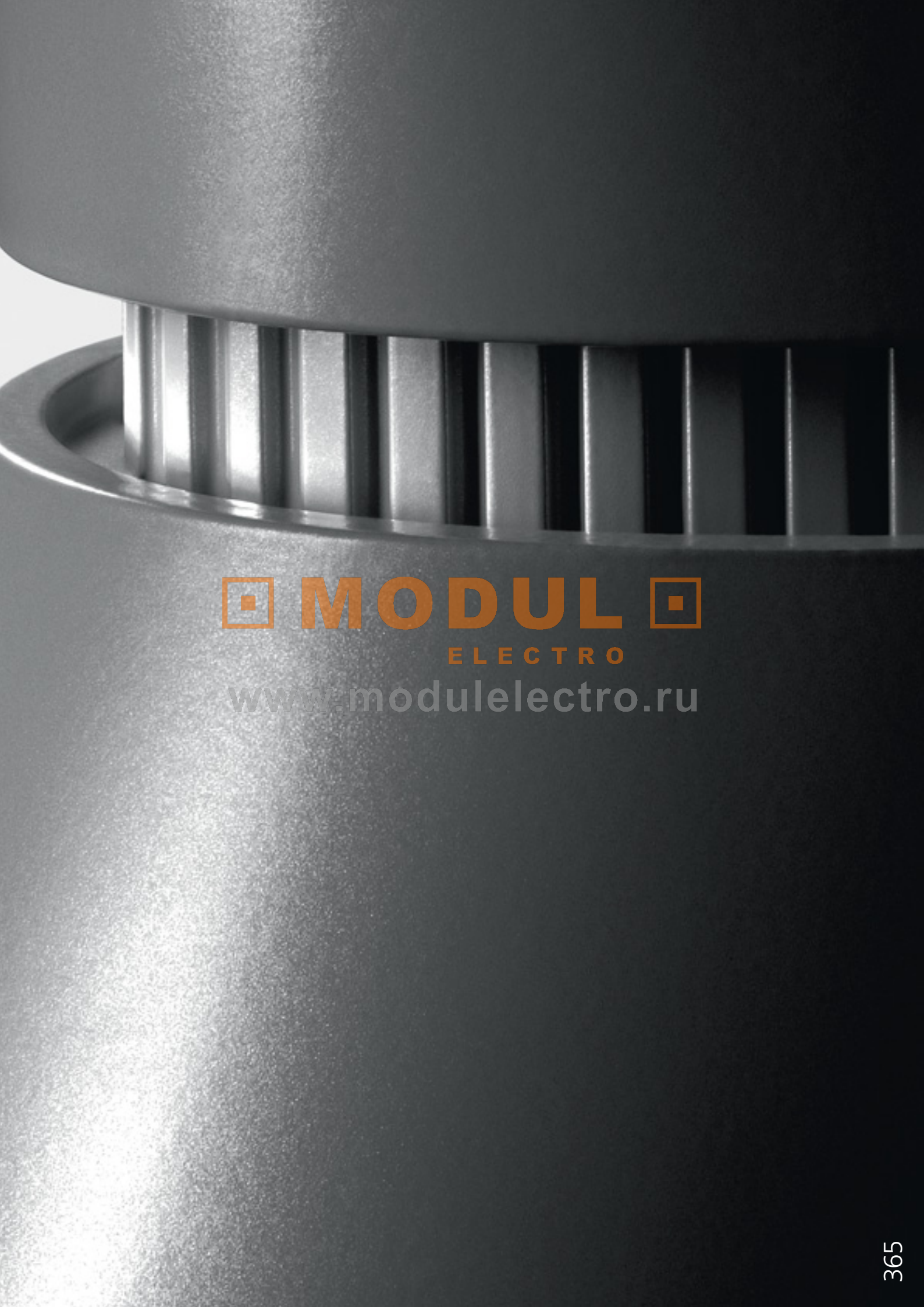
		Ⓧ Ⓡ IP20 960° ○ white	<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>E<sub>max</sub> lux</th> <th>E<sub>M</sub> lux</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2,24</td> <td>1522</td> <td>1162</td> </tr> <tr> <td>2</td> <td>4,47</td> <td>380</td> <td>290</td> </tr> <tr> <td>3</td> <td>6,71</td> <td>169</td> <td>129</td> </tr> <tr> <td>4</td> <td>8,95</td> <td>95</td> <td>73</td> </tr> <tr> <td>5</td> <td>11,18</td> <td>61</td> <td>46</td> </tr> </tbody> </table>	H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux	1	2,24	1522	1162	2	4,47	380	290	3	6,71	169	129	4	8,95	95	73	5	11,18	61	46	
				H m	Ø m	E <sub>max</sub> lux	E <sub>M</sub> lux																					
1	2,24	1522	1162																									
2	4,47	380	290																									
3	6,71	169	129																									
4	8,95	95	73																									
5	11,18	61	46																									
HIT-CE (G12) 150W = 14000lm																												
<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M179420</b></td> <td>HIT-CE (G12) 1x150W</td> <td>6,20kg</td> </tr> </tbody> </table>		CODE	LIGHT SOURCE	WEIGHT	<b>M179420</b>	HIT-CE (G12) 1x150W	6,20kg																					
CODE	LIGHT SOURCE	WEIGHT																										
<b>M179420</b>	HIT-CE (G12) 1x150W	6,20kg																										



# ELIO

design MICHEL TORTEL

  
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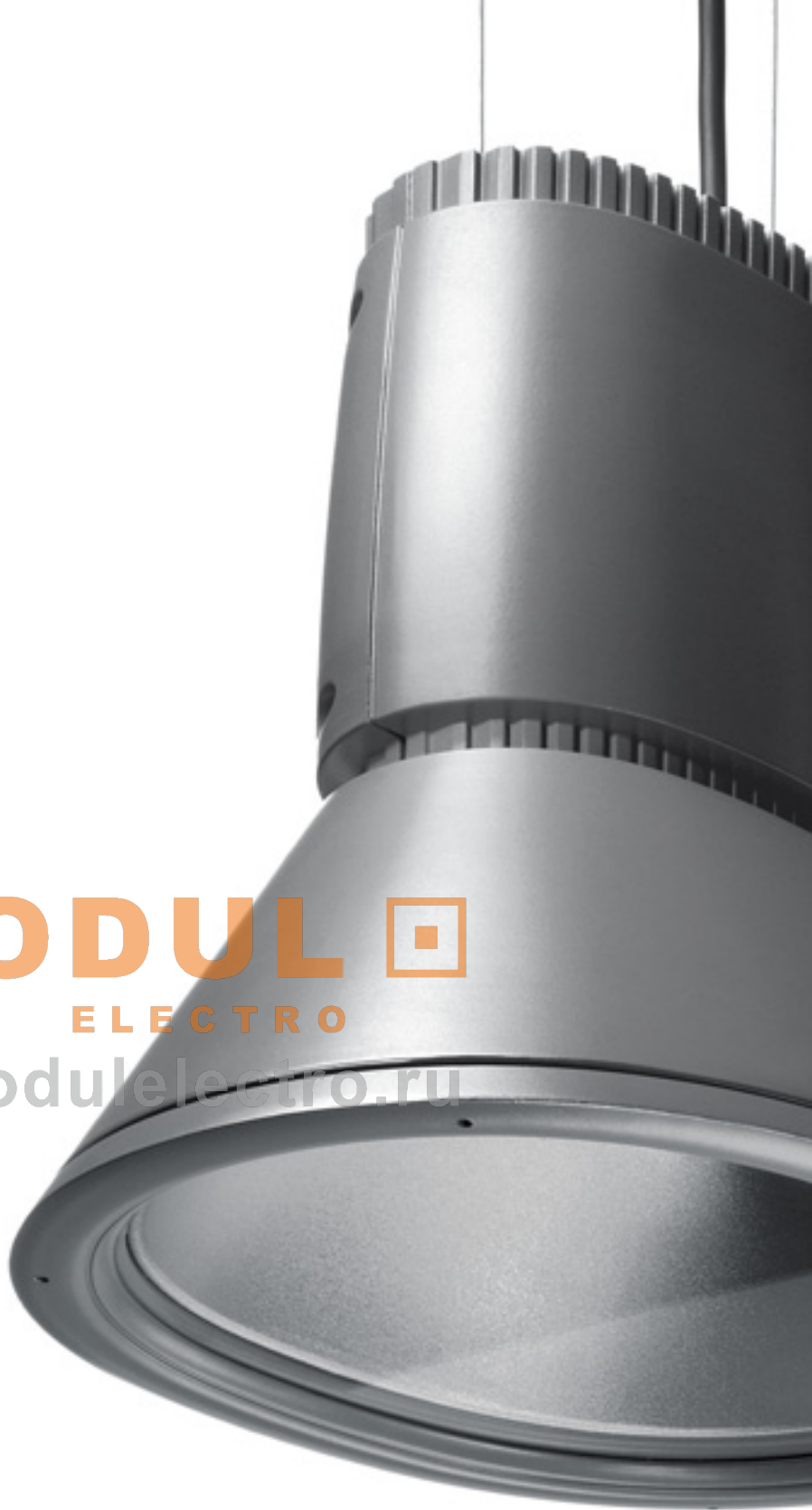


BIBLIOTECA CASA DELLA CONOSCENZA, CASALECCHIO DI RENO (I), MODELLI




HQ'S TOYOTA MOTORS ITALIA, ROME (I), SHIGERU IWAKIRI - KENZO TANGE ASSOCIATES  
PAGE 368: AUTOHAUS KIERDORF, KÖLN (D).

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- SINGLE PENDANT WITH DIRECT LIGHTING, USING 70W AND 150W METAL-HALIDE OR 300W HALOGEN LAMPS.
- DIE-CAST ALUMINIUM BODY WITH GREY PAINT FINISH.
- 2 SIZE OPTIONS: THE 315MM VERSION INTEGRATES THE OPTICAL UNIT AND THE POWER SUPPLY UNIT, WHILST THE 180MM VERSION COMPRISES ONLY THE OPTICAL UNIT.
- PROTECTIVE GLASS.
- FERROMAGNETIC CONTROL GEAR.
- OPTIONAL LOUVRE GRID.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.


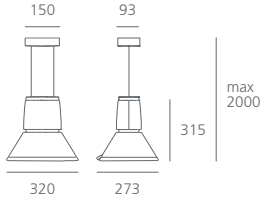
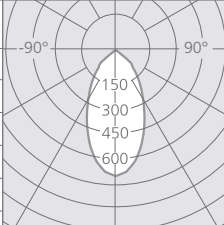






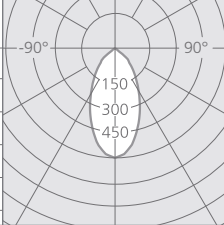
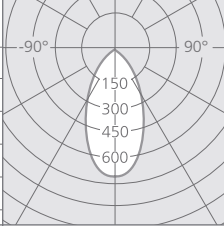




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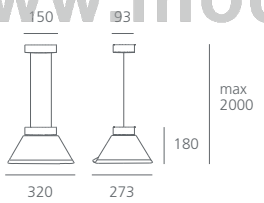
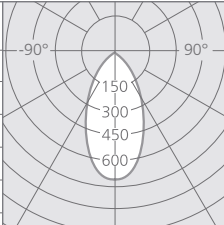







# ELIO 315


		<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>E<sub>max</sub> lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1,05</td> <td>4389</td> <td>1531</td> </tr> <tr> <td>2</td> <td>2,09</td> <td>1097</td> <td>383</td> </tr> <tr> <td>3</td> <td>3,14</td> <td>488</td> <td>170</td> </tr> <tr> <td>4</td> <td>4,18</td> <td>274</td> <td>96</td> </tr> <tr> <td>5</td> <td>5,23</td> <td>176</td> <td>61</td> </tr> </tbody> </table>	H m	Ø m	E <sub>max</sub> lux	EM lux	1	1,05	4389	1531	2	2,09	1097	383	3	3,14	488	170	4	4,18	274	96	5	5,23	176	61	
			H m	Ø m	E <sub>max</sub> lux	EM lux																					
1	1,05	4389	1531																								
2	2,09	1097	383																								
3	3,14	488	170																								
4	4,18	274	96																								
5	5,23	176	61																								
<p>     </p>	<p>spread of beam 2x29°</p> <p>HIFDE-CE-h45 (RX7s) <b>Cd/Klm</b></p>																										
<p>HIT-DE-CE-h45 (RX7s) </p> <p>70W = 6300lm 150W = 13500lm</p> <p>QT-DE12 (R7s) </p> <p>300W = 5000lm</p>	<p><b>CODE</b>      <b>LIGHT SOURCE</b>      <b>WEIGHT</b></p> <p><b>L853000</b>      HIT-DE-CE-h45 (RX7s) 1x70W      5,40kg</p>																										
	<p><b>L853100</b>      HIT-DE-CE-h45 (RX7s) 1x150W      5,85kg</p>																										
	<p><b>L853200</b>      QT-DE12 (R7s) 1x300W      4,45kg</p>																										
		<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>E<sub>max</sub> lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1,08</td> <td>3521</td> <td>1203</td> </tr> <tr> <td>2</td> <td>2,15</td> <td>880</td> <td>301</td> </tr> <tr> <td>3</td> <td>3,23</td> <td>391</td> <td>134</td> </tr> <tr> <td>4</td> <td>4,31</td> <td>220</td> <td>75</td> </tr> <tr> <td>5</td> <td>5,38</td> <td>141</td> <td>48</td> </tr> </tbody> </table>	H m	Ø m	E <sub>max</sub> lux	EM lux	1	1,08	3521	1203	2	2,15	880	301	3	3,23	391	134	4	4,31	220	75	5	5,38	141	48	
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# ELIO 180

		<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>E<sub>max</sub> lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1,08</td> <td>3521</td> <td>1203</td> </tr> <tr> <td>2</td> <td>2,15</td> <td>880</td> <td>301</td> </tr> <tr> <td>3</td> <td>3,23</td> <td>391</td> <td>134</td> </tr> <tr> <td>4</td> <td>4,31</td> <td>220</td> <td>75</td> </tr> <tr> <td>5</td> <td>5,38</td> <td>141</td> <td>48</td> </tr> </tbody> </table>	H m	Ø m	E <sub>max</sub> lux	EM lux	1	1,08	3521	1203	2	2,15	880	301	3	3,23	391	134	4	4,31	220	75	5	5,38	141	48	
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<p>QT-DE12 (R7s) </p> <p>300W = 5000lm</p>	<p><b>CODE</b>      <b>LIGHT SOURCE</b>      <b>WEIGHT</b></p> <p><b>L854000</b>      QT-DE12 (R7s) 1x300W      3,25kg</p>																										

# ELIO ACCESSORY

	<p><b>L858330</b> Honeycomb grid. 0,40kg.</p>
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CEILING PLATE IN DIE-CAST ALUMINIUM



QUICK HEIGHT ADJUSTMENT




FRONT COVER HINGE

# COVER

design FORMAT DESIGN STUDIO



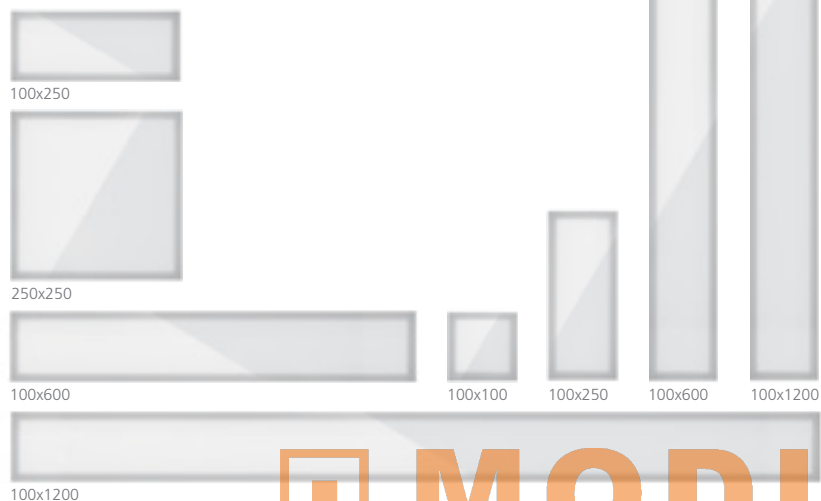
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# COVER

## COVER DIFFUSER



- A RANGE OF WALL RECESSED LUMINAIRES USING COMPACT AND LINEAR FLUORESCENT LAMPS, AND LEDS.
- TWO LIGHTING OPTIONS: DIFFUSER AND ASYMMETRICAL EMISSION OPTICS WITH VERTICAL OR HORIZONTAL MOUNTING.
- 5 SIZE OPTIONS DEPENDING ON THE LIGHT SOURCE: 100x100, 100x250, 250x250, 100x600 AND 100x1200MM.
- BODY CONSISTING OF A STEEL RECESSING CASING (60MM DEEP) AND AN EXTRUDED ALUMINIUM FRAME THAT REQUIRES A FINISH COAT OF PLASTER.
- 4MM THICK TEMPERED GLASS: OPALINE FINISH WITH DIFFUSER VERSION, SILKSCREEN-PRINTED WITH ASYMMETRICAL VERSION.
- LED VERSIONS INCLUDE LIGHT SOURCE AND 230-240V DRIVER UNIT.
- LAMPS CAN BE MAINTAINED BY REMOVING THE GLASS BY MEANS OF A SUCTION-GRIP DEVICE PROVIDED WITH THE LUMINAIRE.
- NOT SUITABLE FOR CEILING MOUNTING.
- ELECTRONIC CONTROL GEAR.
- OPTIONAL RECESSING BOX FOR INSTALLATION IN CONCRETE WALLS.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.



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## COVER ASYMMETRICAL SQUARE



## COVER ASYMMETRICAL HORIZONTAL


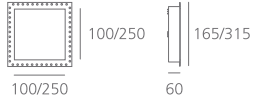
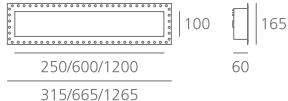












## COVER ASYMMETRICAL VERTICAL


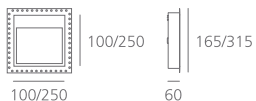












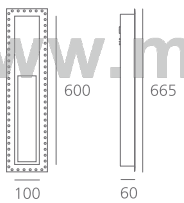




## COVER DIFFUSER


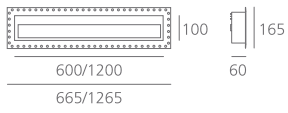

																																				
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## COVER ASYMMETRICAL


																		
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	<b>M186600</b>	POWER LED 230-240V 1x3W 5000K (included)	100x600mm	3,20kg						

															
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	<b>M186000</b>	T16 (G5) 1x54W	100x1200mm	5,70kg											

## COVER ACCESSORIES

	<p>Recessing box for concrete walls, for COVER SQUARE.</p> <p><b>M186100</b> For COVER 100x100mm.  183x183mm.</p> <p><b>M186500</b> For COVER 250x250mm.  333x333mm.</p>
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	<p>Recessing box for concrete walls, for COVER RECTANGULAR.</p> <p><b>M186200</b> For COVER 100x250mm.  183x333mm.</p> <p><b>M186300</b> For COVER 100x600mm.  183x683mm.</p> <p><b>M186400</b> For COVER 100x1200mm.  183x1283mm.</p>
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# NULLA

design FORMAT DESIGN STUDIO

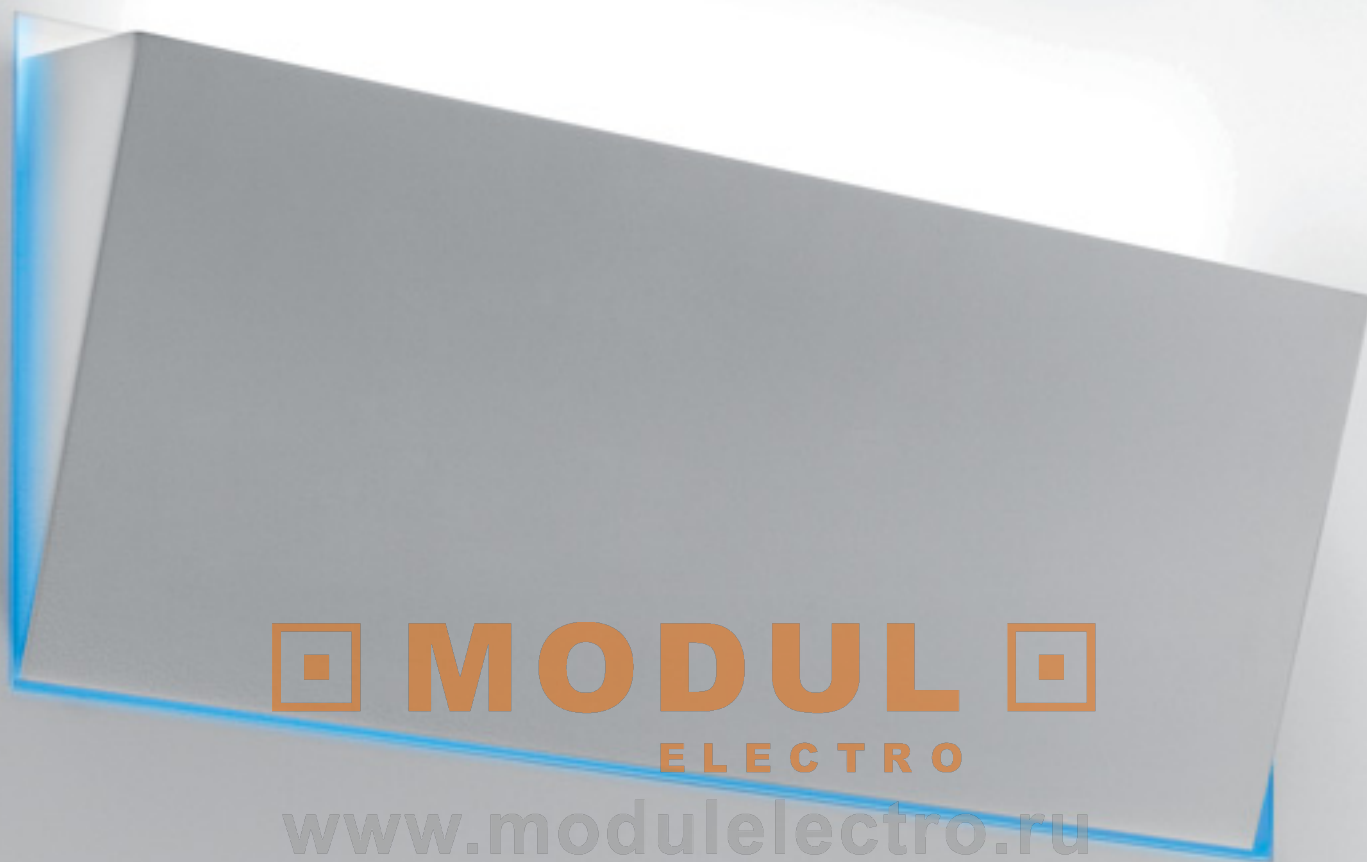
  
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# NULLA



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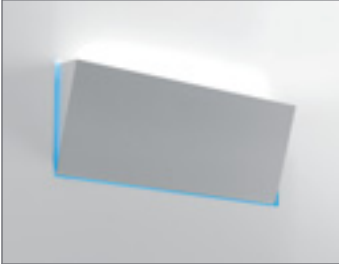
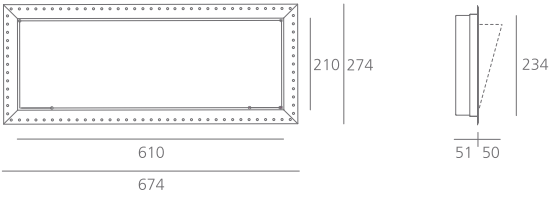
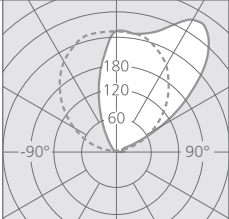



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- RECESSED UNIT WITH INDIRECT LIGHTING WITH T16 FLUORESCENT LIGHT SOURCE, AND PATHLIGHTING WITH COLORED LEDS.
- BODY CONSISTING OF A LOW-DEPTH RECESSING CASING (ONLY 50MM DEEP) TO BE SEALED IN THE WALL, AND A MOTORIZED OPENING SHUTTER.
- RECESSING CASING MADE OF STEEL AND FITTED WITH AN EXTRUDED ALUMINUM FRAME THAT REQUIRES A FINISH COAT OF PLASTER.
- 2 SIZE OPTIONS DEPENDING ON THE LIGHT SOURCE: 210x610MM (24W T16), AND 210x1210MM (54W T16).
- WHEN THE FLUORESCENT LAMP IS TURNED ON, THE SHUTTER IS AUTOMATICALLY IN OPEN POSITION, THE INDIRECT LIGHTING IS THEN IN SERVICE. THE TURNING OFF OF THE FLUORESCENT BULB AND THE CLOSING OF THE SHUTTER ARE SIMULTANEOUS.
- THE LEDS, POWERED BY A SEPARATE SWITCH CIRCUIT, ILLUMINATE THE INSIDE OF THE CASING REGARDLESS OF THE POSITION OF THE SHUTTER. IF IT IS CLOSED, THE PERIPHERAL ILLUMINATION OF THE LIGHT FIXTURE PROVIDES A PATHLIGHTING FUNCTION. IF THE SHUTTER IS OPEN, THE COLORED LIGHT PROVIDES A DECORATIVE EFFECT.
- ELECTRONIC CONTROL GEAR.
- INCLUDES LED LAMPS AND 230-240V DRIVER UNIT.
- OPTIONAL RECESSING BOX FOR INSTALLATION IN CONCRETE WALLS.
- NOT SUITABLE FOR CEILING MOUNTING.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

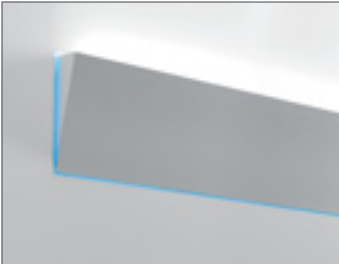
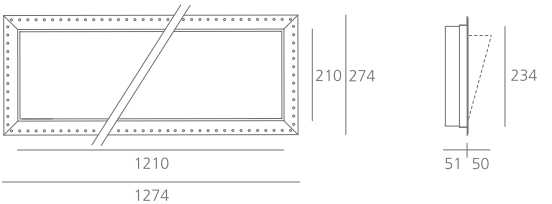
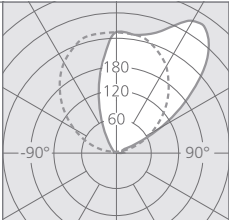







## NULLA 610

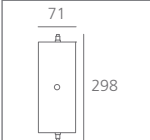


			  IP20 960°  white	236x636 T16 (G5) <b>Cd/Klm</b>																			
					T16-HO/FQ (G5) 24W = 1750lm LED																		
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CODE	LIGHT SOURCE	LED COLOUR	WEIGHT																				
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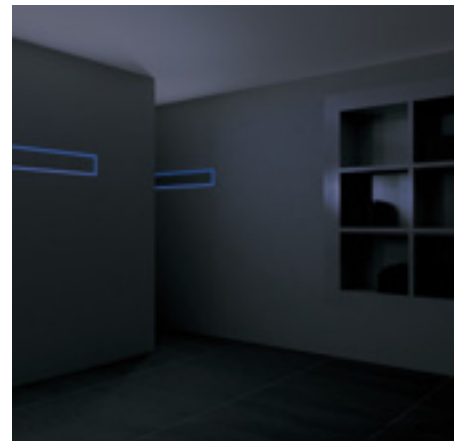
## NULLA 1210

			  IP20 960°  white	236x1236 T16 (G5) <b>Cd/Klm</b>																			
					T16-HO/FQ (G5) 54W = 4450lm LED																		
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## NULLA ACCESSORIES

	Recessing box for concrete walls.
	<b>M184800</b> For NULLA 610.  298x684mm. <b>M184900</b> For NULLA 1210.  298x1284mm.



# TRAFFIC SYSTEM

design NEIL POULTON

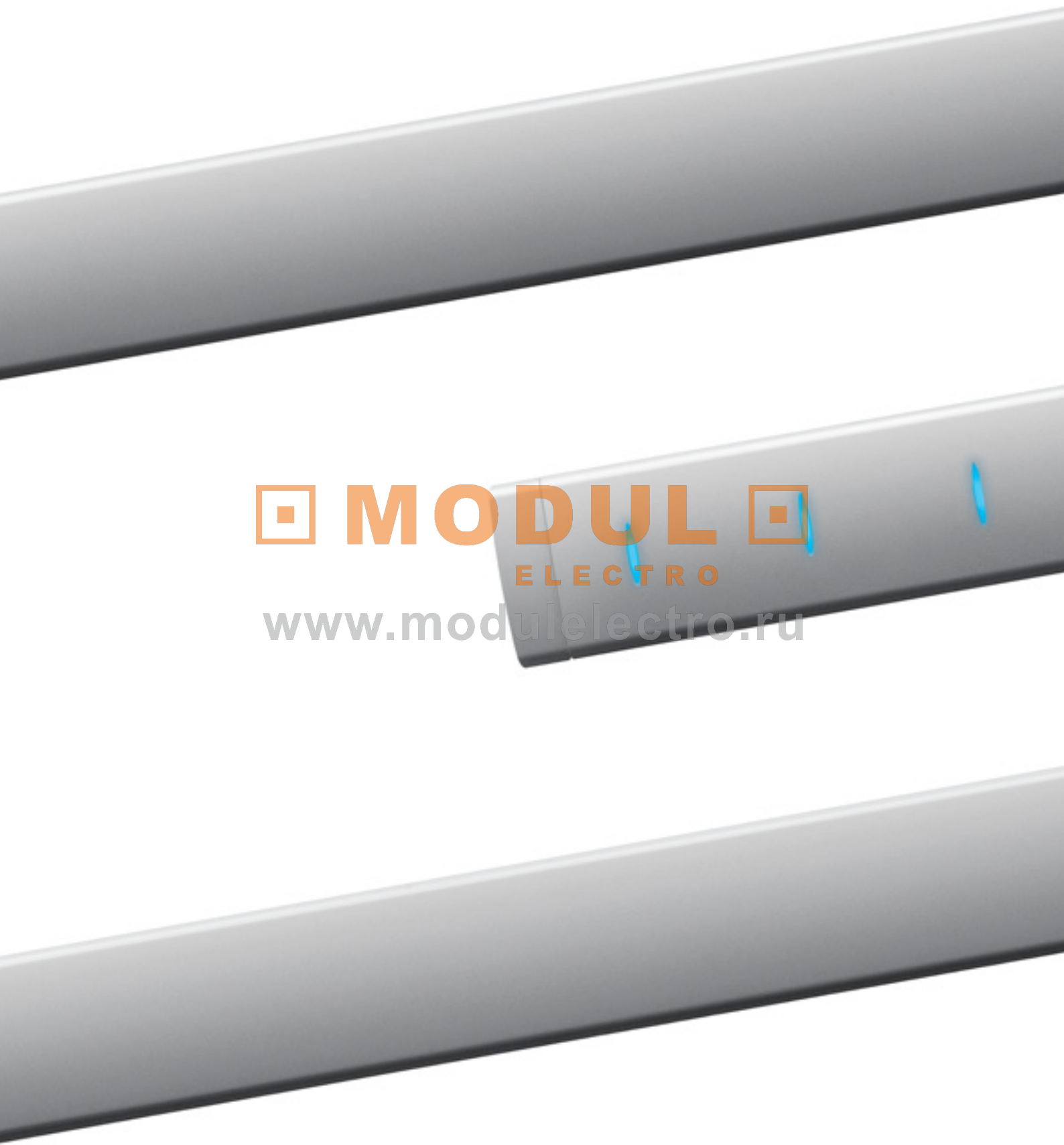
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# TRAFFIC SYSTEM



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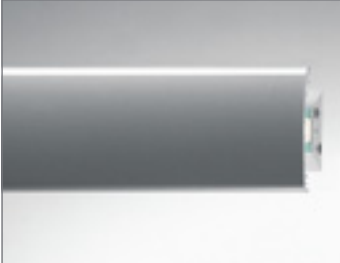

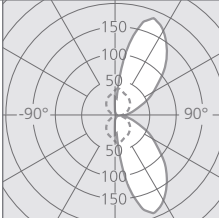
RECEPTION

- WALL LIGHTING SYSTEM USING 28W AND 35W T16 FLUORESCENT LAMPS.
- ITS AESTHETIC CHARACTER AND HIGH LEVEL OF PERSONALIZATION MAKE IT SUITABLE FOR THE ILLUMINATION AND HIGHLIGHTING OF ZONES OF CIRCULATION SUCH AS HOTEL, HOSPITAL OR OFFICE BUILDING CORRIDORS, ENTRANCE HALLS, WAITING ROOMS, ETC.
- PAINTED STEEL STRUCTURE, FRONT FASCIA IN EXTRUDED ALUMINIUM WITH A WHITE OR GREY PAINT FINISH.
- 2 LENGTH OPTIONS: 1180MM AND 1480MM.
- 3 VERSIONS: FULL FRONT FASCIA WITH NO CUT-OUTS (TRAFFIC STANDARD), FRONT FASCIA WITH ELLIPTICAL CUT-OUTS AND OPALINE OR BLUE FILTER (TRAFFIC ELLIPSE), CUSTOMIZED FRONT FASCIA WITH CUT-OUT COMPANY LOGOS, SYMBOLS OR THE SUCHLIKE (TRAFFIC SIGNATURE).
- ELECTRONIC BALLAST.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.



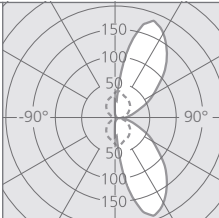


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## TRAFFIC SYSTEM STANDARD


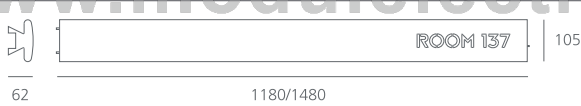
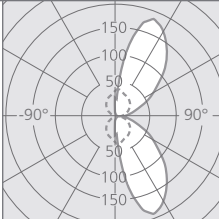
			Ⓢ Ⓡ IP20 960° ○ white ● grey <b>9</b>		T16 (G5) <b>Cd/Klm</b>										
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## TRAFFIC SYSTEM ELLIPSE


			Ⓢ Ⓡ IP20 960° ○ white ● grey <b>9</b>		T16 (G5) <b>Cd/Klm</b>																							
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## TRAFFIC SYSTEM SIGNATURE

			Ⓢ Ⓡ IP20 960° ○ white ● grey <b>9</b>		T16 (G5) <b>Cd/Klm</b>													
			T16-HE/FH (G5) 28W = 2600lm 35W = 3300lm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>FILTER COLOUR</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0932.0</b></td> <td>T16 (G5) 1x28W</td> <td>1180mm</td> <td>on request</td> <td>2,30kg</td> </tr> <tr> <td><b>M0933.0</b></td> <td>T16 (G5) 1x35W</td> <td>1480mm</td> <td>on request</td> <td>3,00kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	LENGTH	FILTER COLOUR	WEIGHT	<b>M0932.0</b>	T16 (G5) 1x28W	1180mm	on request	2,30kg	<b>M0933.0</b>	T16 (G5) 1x35W	1480mm	on request
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## TRAFFIC SYSTEM ACCESSORY

	<b>M0934.0</b> End plate (1 piece).  ○ white <b>2</b> ● grey <b>9</b>
---	---



NEWFORM, SERRVALLE SESIA (I).  
 PAGE 382: HQ'S MASERATI, MODENA (I), STUDIO STURCHIO ARCHITECTS DESIGNERS.

# SQUARE

design A+A COOREN

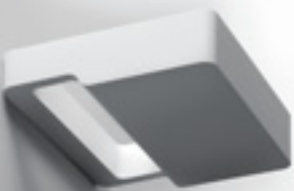
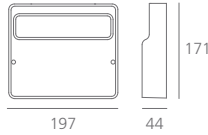
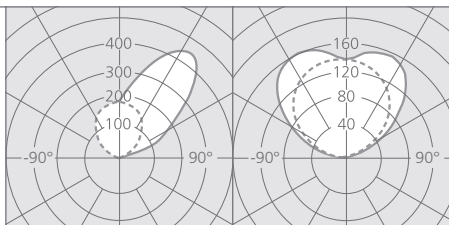






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- ELECTRONIC BALLAST WITH FLUORESCENT VERSION.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.





# SQUARE

																		
			  IP20 960° ○ white <b>2</b> ● grey <b>9</b>	<table border="1"> <thead> <tr> <th>QT-DE12 (R7s)</th> <th>Cd/Klm</th> <th>TC-DEL (G24q-2)</th> <th>Cd/Klm</th> </tr> </thead> <tbody> <tr> <td> <table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0618.0</b></td> <td>QT-DE12 (R7s) 1xmax300W</td> <td>0,80kg</td> </tr> <tr> <td><b>M0619.0</b></td> <td>TC-DEL (G24q-2) 1x18W</td> <td>0,80kg</td> </tr> </tbody> </table> </td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	QT-DE12 (R7s)	Cd/Klm	TC-DEL (G24q-2)	Cd/Klm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M0618.0</b></td> <td>QT-DE12 (R7s) 1xmax300W</td> <td>0,80kg</td> </tr> <tr> <td><b>M0619.0</b></td> <td>TC-DEL (G24q-2) 1x18W</td> <td>0,80kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M0618.0</b>	QT-DE12 (R7s) 1xmax300W	0,80kg	<b>M0619.0</b>	TC-DEL (G24q-2) 1x18W	0,80kg
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# KANJI

design ERIC SOLÉ

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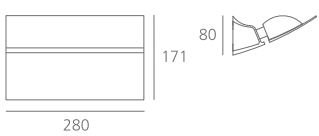
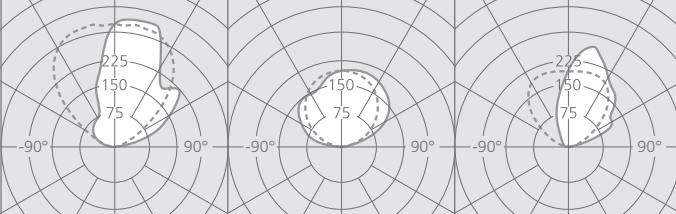
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- ASYMMETRIC LIGHT DISTRIBUTION.
- 4 LENGTH OPTIONS: 280MM, 410MM, 900MM AND 1600MM.
- ELECTRONIC BALLAST.
- OPTIONAL 230/240V AUXILIARY HALOGEN LAMP AVAILABLE FOR THE HIT VERSIONS.
- OPTIONAL EMERGENCY LIGHTING FOR THE TC-LEL FLUORESCENT.
- PROTECTIVE GLASS INCLUDED WITH HALOGEN AND HIT VERSIONS.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.


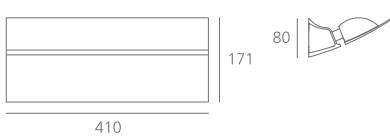
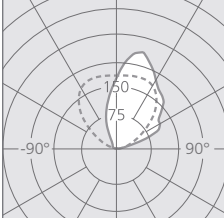




## KANJI 280

			Ⓧ Ⓡ IP20 960° ○ white	QT-DE12 (R7s)	<b>Cd/Klm</b>	TC-DEL (G24q-3)	<b>Cd/Klm</b>	HIT-DE-CE-h45 (RX7s)	<b>Cd/Klm</b>
				<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>		<b>M026020</b> QT-DE12 (R7s) 1xmax300W      1,45kg		<b>M026120</b> TC-DEL (G24q-3) 1x26W      1,45kg	

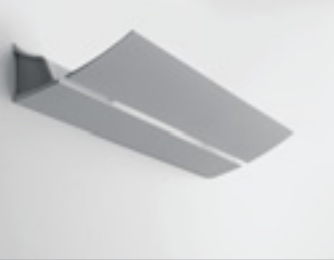
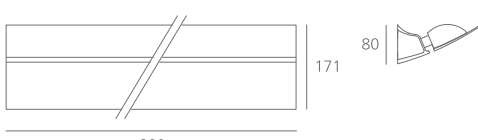
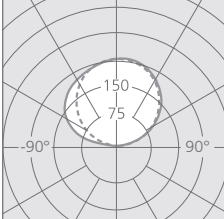
## KANJI 410

			Ⓧ Ⓡ IP20 960° ○ white	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	
				<b>M026420</b> HIT-DE-CE-h45 (RX7s) 1x150W      2,55kg	


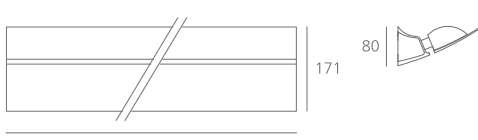
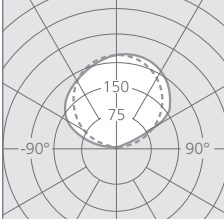
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## KANJI 900

			Ⓧ Ⓡ IP20 960° ○ white	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	
				<b>M026620</b> TC-LEL (2G11) 1x55W      4,40kg	

## KANJI 1600

			Ⓧ Ⓡ IP20 960° ○ white	<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	
				<b>M026820</b> T16 (G5) 1x80W      7,50kg	

# PRADO

design ZEBULON




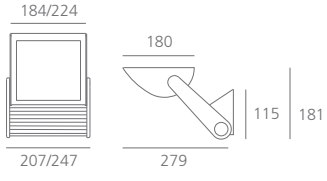

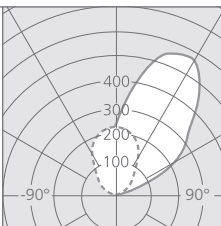



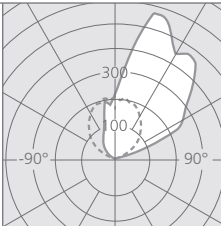
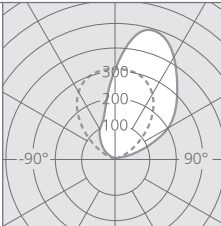
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- ALUMINIUM BODY COMPRISING AN OPTICAL AND POWER SUPPLY UNIT.
- THE OPTICAL UNIT, WITH A TILT ANGLE OF UP TO 90°, INCLUDES AN ASYMMETRICAL REFLECTOR IN ALUMINIUM.
- ELECTRONIC CONTROL GEAR.
- HALOGEN VERSION COMES WITH PROTECTIVE GLASS.
- HIT VERSION COMES WITH UV FILTER.
- OPTIONAL LOUVRE GRID.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

# PRADO WALL

		 90°	
HIT-DE-CE-h45 70W = 6300lm 150W = 13500lm		<b>CODE</b> <b>LIGHT SOURCE</b> <b>WEIGHT</b>	
		<b>M0540.1</b>	HIT-DE-CE-h45 1x70W      2,30kg
		<b>M0541.1</b>	HIT-DE-CE-h45 1x150W      2,30kg
QT-DE12 (R7s) 300W = 5000lm			
TC-TEL (GX24q-4) 42W = 3200lm			
			
		<b>M0230.1</b>	QT-DE12 (R7s) 1xmax300W      2,10kg
			
		<b>M0502.1</b>	TC-TEL (GX24q-4) 1x42W      2,20kg

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## PRADO WALL ACCESSORIES

	Light-shade grill.
	<b>M081007</b> For metal halide and halogen versions.
	<b>M081177</b> For fluorescent version.



ADSERV, MILAN (I), P. CAROZZI.

# MÖWE

design F.A. PORSCHE




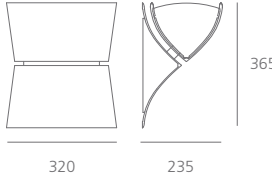
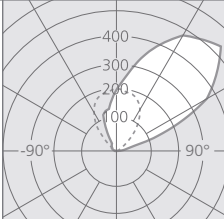




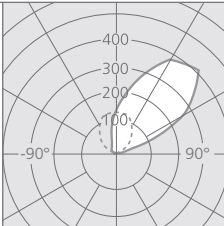
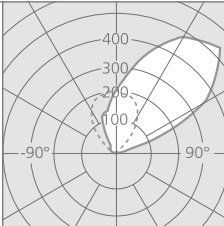
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- WALL LAMP WITH INDIRECT AND DIRECT-INDIRECT LIGHTING USING 300W HALOGEN AND 70W TO 250W METAL-HALIDE LAMPS.
- ALUMINIUM AND STEEL STRUCTURE, WITH WHITE OR GREY PAINT FINISH.
- ASYMMETRIC LIGHT DISTRIBUTION.
- ELECTRONIC BALLAST.
- PROTECTIVE GLASS.
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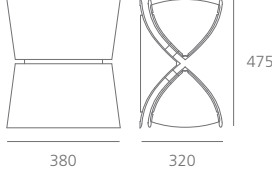
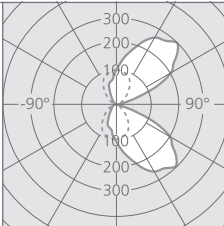


# MÖWE WALL 320 INDIRECT

		
	<p>⊕ ⚡ IP20  ● metal grey 0 ○ white 2</p>	
<p>HIT-DE-CE-h45 (RX7s)  70W = 6300lm 150W = 13500lm</p> <p>HIT-DE-CE-h45 (Fc2)  250W = 20000lm</p> <p>QT-DE12 (R7s)  300W = 5000lm</p>	<p><b>CODE</b>      <b>LIGHT SOURCE</b>      <b>WEIGHT</b></p> <p><b>L2900.0</b>      HIT-DE-CE-h45 (RX7s) 1x70W      8,40kg</p> <p><b>L2901.0</b>      HIT-DE-CE-h45 (RX7s) 1x150W      8,40kg</p>	
	<p><b>L2902.0</b>      HIT-DE-CE-h45 (Fc2) 1x250W      8,40kg</p>	
	<p><b>L2904.0</b>      QT-DE12 (R7s) 1x300W      6,70kg</p>	
	<p>QT-DE12 (R7s) Cd/Klm</p>	

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# MÖWE WALL 380 DUAL EMISSION

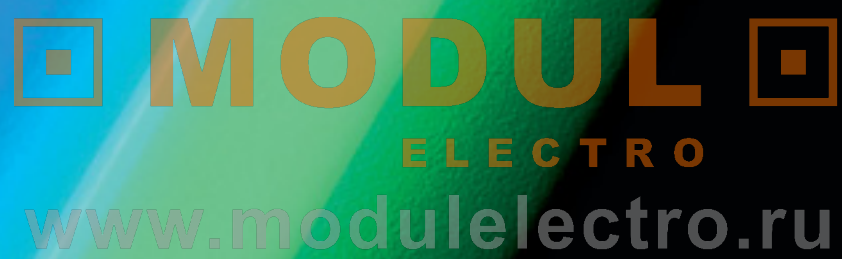
		
	<p>⊕ ⚡ IP20  ● metal grey 0 ○ white 2</p>	
<p>QT-DE12 (R7s)  300W = 5000lm</p>	<p><b>CODE</b>      <b>LIGHT SOURCE</b>      <b>WEIGHT</b></p> <p><b>L2911.0</b>      QT-DE12 (R7s) 2x1x300W      10,70kg</p>	



BMW, SAN DONATO MILANESE (I), KENZO TANGE ASSOCIATES.

# CHROMATIC LIGHT

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The logo for MODUL ELECTRO features the word "MODUL" in a large, bold, gold-colored sans-serif font, flanked by two gold-colored squares. Below "MODUL" is the word "ELECTRO" in a smaller, gold-colored sans-serif font. Underneath the logo is the website address "www.modulelectro.ru" in a white sans-serif font. The background consists of several diagonal, overlapping bands of color: red, purple, blue, cyan, and green, set against a black background.

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# CHROMATIC LIGHT

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THE SPECIFIC CONTROL UNIT OF EACH SYSTEM CAN OPERATE UP TO 10 FLUORESCENT RGB FITTINGS AT A TIME OVER A MAXIMUM DISTANCE OF 50 METRES, CREATING EMOTIONAL COLOURED EFFECTS OR BIODYNAMIC WHITE LIGHT ATMOSPHERES. BIGGER ARRANGEMENT REQUIRES THE USE OF A SIGNAL AMPLIFIER CAPABLE OF OPERATING UP TO A FURTHER 50 LUMINAIRES.

EACH RGB LUMINAIRE IS EQUIPPED WITH:

- THREE OR SIX T16 FLUORESCENT TUBES CONTAINING THE PRIMARY COLOURS: RED, GREEN AND BLUE. THE COMBINATION OF THESE 3 COLOURS RESULTS IN A WHITE LIGHT. BY ADJUSTING THEIR INTENSITY ONE CAN CREATE MANY DIFFERENT AND DISTINCTIVE COLOURED LIGHTING EFFECTS.
- THREE MONO OR DUAL-LAMP DSI DIMMABLE ELECTRONIC BALLASTS, INDIVIDUALLY AND SIMULTANEOUSLY OPERATED BY THE PATENTED MICROPROCESSOR LOCATED INSIDE THE CONTROL UNIT.

## METAMORFOSI

**METAMORFOSI** BRINGS COLOURS BACK TO LIFE BY EVOKING THEIR SYMBOLIC AND BENEFICIAL QUALITIES. LIFE'S MOST IMPORTANT MOMENTS CAN IN FACT BE REPRESENTED BY THE SYMBOLIC SIGNIFICANCE OF COLOURS (RED FOR PASSION, YELLOW FOR ENVY, GREEN FOR HOPE, ETC). THANKS TO **METAMORFOSI** WE CAN ALL CHOOSE OUR OWN LIGHT ACCORDING TO OUR SURROUNDINGS, ACTIVITIES OR EVEN MOOD. THE *PLUG AND PLAY* CONTROL UNIT RUNS 13 PRE-PROGRAMMED LIGHTING EFFECTS IN DIFFERENT AUTOMATIC SEQUENTIAL OR MANUAL MODES. CUSTOMIZED ATMOSPHERES AND SEQUENCES CAN BE PROGRAMMED BY THE USER. DEPENDING ON THE LEVEL OF SERVICE REQUIRED, THE USER CAN CHOOSE BETWEEN A WALL-MOUNTED DIGITAL CONTROL PANEL OR TWO TYPES OF REMOTE CONTROL: A USER-FRIENDLY VERSION FOR QUICK USE OF THE BASIC FUNCTIONS, OR A DIGITAL-SCREEN VERSION FOR PERSONALIZED PROGRAMMING OPERATIONS.



## MYWHITELIGHT®

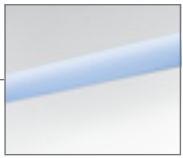
**MY WHITE LIGHT** REPRESENTS THE EVOLUTION OF ARTEMIDE'S RESEARCH ON LIGHT, PARTICULARLY ON THE ENVIRONMENTAL VALUES, ON THE CONCEPTS OF VARIABILITY, SUSTAINABILITY, PERFORMANCE AND EASE OF USE. IT IS AN INNOVATIVE BIODYNAMIC LIGHTING CONTROL APPLIED TO A RANGE OF RGB LUMINAIRES TO ENABLE THE EMISSION OF WHITE LIGHT VARYING IN INTENSITY AND COLOUR TEMPERATURE, IN ORDER TO RECONSTITUTE TONES OF BETWEEN 2500K AND 20000K. IN OTHER WORDS, A WHITE LIGHT RANGING FROM WARM TONES (YELLOW-ORANGE) TO VERY COLD TONES (BLUES), THE INTENSITY OF WHICH CAN BE ADJUSTED, VERY EASILY, BY THE USER, WITH THE HELP OF AN INTUITIVE REMOTE-CONTROL.



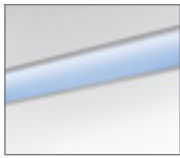


## RGB LUMINAIRES

THE FOLLOWING PRODUCTS ARE COMPATIBLE WITH METAMORFOSI AND MY WHITE LIGHT SYSTEMS:



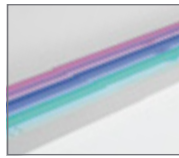
NOTHING LINEAR RGB



JAVA LINEAR RGB



SIMOS RGB



KIT T16 RGB



ORION SYSTEM RGB

## CONTROL UNIT

2 VERSIONS AVAILABLE: METAMORFOSI (INFRARED RECEIVER) AND MY WHITE LIGHT (RADIOFREQUENCY RECEIVER). CAPABLE OF CONTROLLING UP TO 10 RGB FITTINGS AT A TIME OVER A MAXIMUM DISTANCE OF 50 METRES.



## SIGNAL AMPLIFIER

OPTIONAL COMPONENT, TO BE USED WHEN MORE THAN 10 RGB FITTINGS ARE TO BE OPERATED. CAPABLE OF CONTROLLING UP TO A FURTHER 50 RGB FITTINGS.



**MODULO**  
**ELECTRO**

## REMOTE CONTROLS



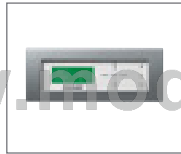
METAMORFOSI  
USER-FRIENDLY  
INFRARED

OR



METAMORFOSI  
DIGITAL SCREEN  
INFRARED

OR



METAMORFOSI  
WALL MOUNTED  
CONTROL PANEL

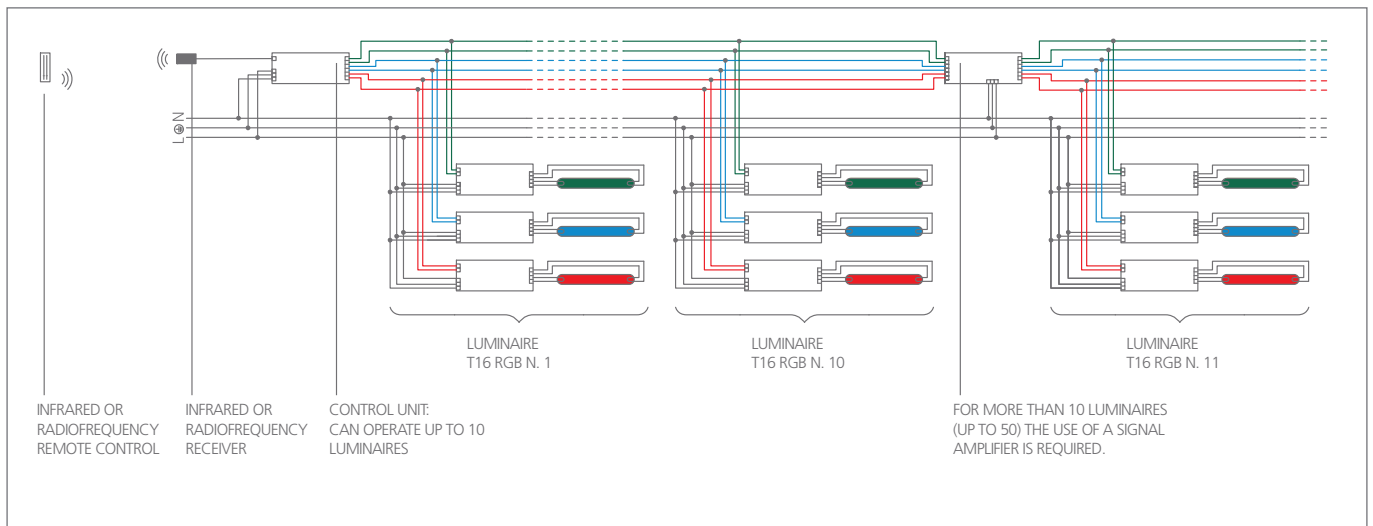
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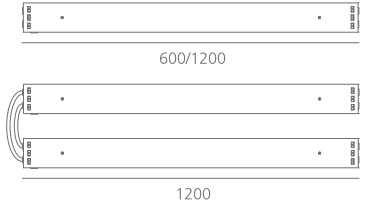

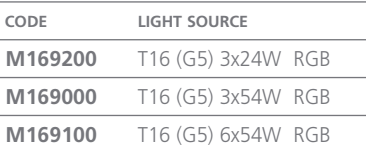
MY WHITE LIGHT  
INTUITIVE  
RADIOFREQUENCY

[www.modulselectro.ru](http://www.modulselectro.ru)

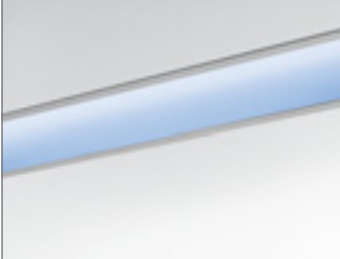
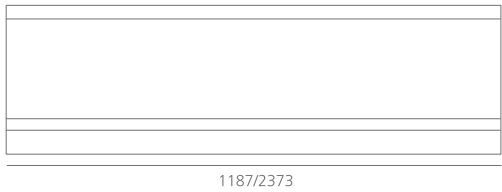
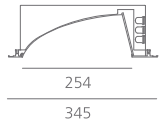

## METAMORFOSI AND MY WHITE LIGHT WIRING SCHEME



## KIT T16 RGB

		110																	
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<p>T16/HO-FQ (G5)                  24W/Red = 1400lm                  24W/Green = 2750lm                  24W/Blue = 550lm                  54W/Red = 3450lm                  54W/Green = 6900lm                  54W/Blue = 1500lm</p>	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M169200</b></td> <td>T16 (G5) 3x24W RGB</td> <td>600mm</td> <td>2,90kg</td> </tr> <tr> <td><b>M169000</b></td> <td>T16 (G5) 3x54W RGB</td> <td>1200mm</td> <td>4,90kg</td> </tr> <tr> <td><b>M169100</b></td> <td>T16 (G5) 6x54W RGB</td> <td>2500-2800mm</td> <td>8,10kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>M169200</b>	T16 (G5) 3x24W RGB	600mm	2,90kg	<b>M169000</b>	T16 (G5) 3x54W RGB	1200mm	4,90kg	<b>M169100</b>	T16 (G5) 6x54W RGB	2500-2800mm	8,10kg		
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<b>M169100</b>	T16 (G5) 6x54W RGB	2500-2800mm	8,10kg																

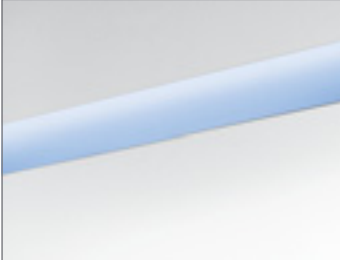
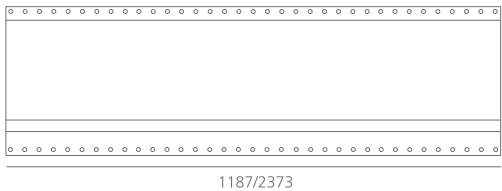
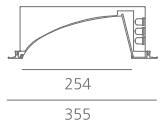

## JAVA LINEAR SYSTEM RGB WALL WASHER

				320x(ΣL+10mm)											
	<p>T16/HO-FQ (G5)                  54W/Red = 3450lm                  54W/Green = 6900lm                  54W/Blue = 1500lm</p>	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M171100</b></td> <td>T16 (G5) 3x54W RGB</td> <td>1186mm</td> <td>4,90kg</td> </tr> <tr> <td><b>M171200</b></td> <td>T16 (G5) 6x54W RGB</td> <td>2372mm</td> <td>8,10kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>M171100</b>	T16 (G5) 3x54W RGB	1186mm	4,90kg	<b>M171200</b>	T16 (G5) 6x54W RGB	2372mm	8,10kg	
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<b>M171100</b>	T16 (G5) 3x54W RGB	1186mm	4,90kg												
<b>M171200</b>	T16 (G5) 6x54W RGB	2372mm	8,10kg												


## JAVA LINEAR SYSTEM RGB ACCESSORY

	<p><b>M171300</b> End caps (set of 2).</p> <p>● grey</p>
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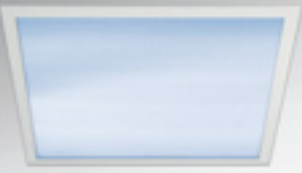
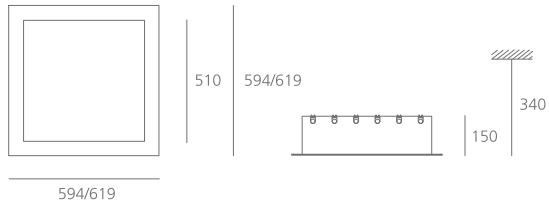
## NOTHING RECESSED LINEAR SYSTEM RGB WALL WASHER

				320x(ΣL+10mm)											
	<p>T16/HO-FQ (G5)                  54W/Red = 3450lm                  54W/Green = 6900lm                  54W/Blue = 1500lm</p>	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M172600</b></td> <td>T16 (G5) 3x54W RGB</td> <td>1186mm</td> <td>4,90kg</td> </tr> <tr> <td><b>M172700</b></td> <td>T16 (G5) 6x54W RGB</td> <td>2372mm</td> <td>8,10kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>M172600</b>	T16 (G5) 3x54W RGB	1186mm	4,90kg	<b>M172700</b>	T16 (G5) 6x54W RGB	2372mm	8,10kg	
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<b>M172700</b>	T16 (G5) 6x54W RGB	2372mm	8,10kg												


## NOTHING RECESSED LINEAR SYSTEM RGB ACCESSORY

	<p><b>M172800</b> End caps (set of 2).</p> <p>● grey</p>
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## SIMOS RGB

		594/619 Ⓧ IP20 960°														
		T16/HO-FQ (G5) 24W/Red = 1400lm 24W/Green = 2750lm 24W/Blue = 550lm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>FALSE CEILING</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M162000</b></td> <td>T16 (G5) 6x24W RGB</td> <td>600x600mm</td> <td>8,50kg</td> </tr> <tr> <td><b>M162002</b></td> <td>T16 (G5) 6x24W RGB</td> <td>625x625mm</td> <td>8,90kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	FALSE CEILING	WEIGHT	<b>M162000</b>	T16 (G5) 6x24W RGB	600x600mm	8,50kg	<b>M162002</b>	T16 (G5) 6x24W RGB	625x625mm	8,90kg	
CODE	LIGHT SOURCE	FALSE CEILING	WEIGHT													
<b>M162000</b>	T16 (G5) 6x24W RGB	600x600mm	8,50kg													
<b>M162002</b>	T16 (G5) 6x24W RGB	625x625mm	8,90kg													

## SIMOS RGB ACCESSORIES

	Recess frame for installation into plaster false ceiling.			
	<table border="1"> <tr> <td><b>M160600</b></td> <td>600x600mm. □ 606x606mm. 0,90kg.</td> </tr> <tr> <td><b>M160602</b></td> <td>625x625mm. □ 633x633mm. 0,94kg.</td> </tr> </table>	<b>M160600</b>	600x600mm. □ 606x606mm. 0,90kg.	<b>M160602</b>
<b>M160600</b>	600x600mm. □ 606x606mm. 0,90kg.			
<b>M160602</b>	625x625mm. □ 633x633mm. 0,94kg.			

## ORION SYSTEM RGB

		Ⓧ IP20 850° ○ white <b>www.modulelectro.ru</b>							
		T16/HO-FQ (G5) 54W/Red = 3450lm 54W/Green = 6900lm 54W/Blue = 1500lm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M177620</b></td> <td>T16 (G5) 3x54W RGB</td> <td>5,30kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	WEIGHT	<b>M177620</b>	T16 (G5) 3x54W RGB	5,30kg
CODE	LIGHT SOURCE	WEIGHT							
<b>M177620</b>	T16 (G5) 3x54W RGB	5,30kg							

ORION SYSTEM other components (terminals, 90° connectors, suspension cables etc): see page 330.

## METAMORFOSI COMPONENTS


	<b>M169300</b> METAMORFOSI control unit + infrared receiver. 1,80 kg. To operate up to 10 sets of 3 ballasts over a maximum distance of 50m. 350x110x49mm. ○ white
	<b>M169400</b> Signal amplifier. 1,80kg. To operate up to 50 sets of 3 ballasts. 350x110x49mm. ○ white
	<b>M169500</b> METAMORFOSI standard infrared remote control. For quick use of the base functions and launch of up to 13 pre-programmed light scenery in automatic sequential or manual mode.
	<b>M169600</b> METAMORFOSI infrared remote control with programmable display. Digital-screen version for personalized programming operations.
	<b>M169700</b> METAMORFOSI wall mounted control panel. For launching up to 13 pre-programmed lighting effects or for programming customized light scenery.



## MY WHITE LIGHT COMPONENTS

	<b>M169800</b> MY WHITE LIGHT control unit + radiofrequency receiver. 1,80kg. To operate up to 10 sets of 3 ballasts over a maximum distance of 50m. 350x110x49mm. ○ white
	<b>M169400</b> Signal amplifier. 1,80kg. To operate up to 50 sets of 3 ballasts. 350x110x49mm. ○ white
	<b>M169900</b> MY WHITE LIGHT radiofrequency remote-control. For the selection of individual automatic white light function modes. Can also be used for the regulation of coloured light atmospheres.

# RIVOLI

design ERNESTO GISMONDI



 **MODULO**   
ELECTRO  
[www.modulelectro.ru](http://www.modulelectro.ru)



- A RANGE OF OUTDOOR LUMINAIRES FOR T16, MICROLIGHT FLUORESCENT LAMPS AND LEDS FOR LIGHTING FACADES OR VERTICAL SURFACES. 2 OPTIONS: RECESSED INTO THE GROUND OR SURFACE MOUNTED.
- ELECTRONIC BALLAST IS INCLUDED.
- LED VERSION INCLUDES LAMP AND 230-240V DRIVER UNIT.
- CONNECTION AND BRANCH BOX TO BE ORDERED SEPARATELY
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

#### MICROLIGHT TECHNOLOGY



- WAS EXCLUSIVELY DEVELOPED BY ARTEMIDE ARCHITECTURAL AND WORKS AT TEMPERATURES DOWN TO -20°C. IT USES MINIATURE FLUORESCENT TUBES WITH A DIAMETER OF 3.7MM. THESE SPECIAL TUBES, USED TOGETHER WITH ELLIPTICAL REFLECTOR, GIVE AN EXCEPTIONALLY HIGH PERFORMANCE AND TOTAL LIGHT CONTROL.
- USE OF A SURGE-DEFENDER IS RECOMMENDED.

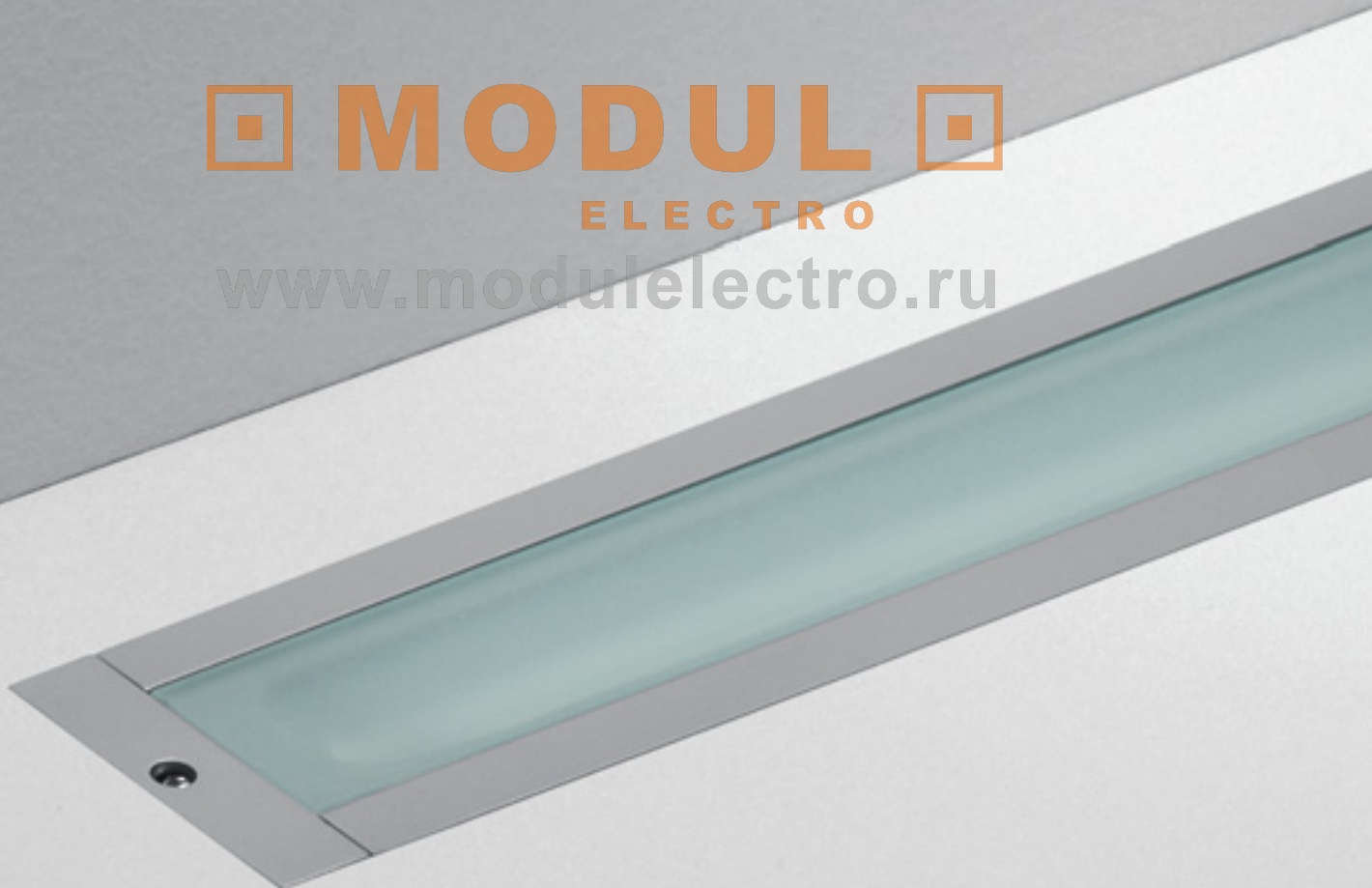
#### RIVOLI RECESSED

- EXTRUDED ALUMINIUM BODY.
- END CAPS MADE FROM DIE-CAST ALUMINIUM.
- DIFFUSER IN TEMPERED GLASS SUPPORTING VEHICLES UP TO MAX 2T GVW AT A SPEED OF 10 KM/H.
- RECESSING BOX TO BE ORDERED SEPARATELY.
- IP67.
- LUMINAIRE INCLUDES LAMP AND POWER SUPPLY CABLE.

#### RIVOLI CORNICE

- EXTRUDED ALUMINIUM BODY.
- END CAPS MADE FROM DIE-CAST ALUMINIUM.
- ALUMINIUM OPTIC UNIT.
- DIFFUSER IN TEMPERED GLASS.
- SUITABLE FOR WALL MOUNTING WITH LIGHTING DIRECTED UPWARDS OR DOWNWARDS, AND FOR CEILING MOUNTING.
- MULTI-POSITION FIXING MECHANISM TO BE ORDERED SEPARATELY.
- LUMINAIRE INCLUDES LAMP AND POWER SUPPLY CABLE.

 **MODUL**   
**ELECTRO**  
[www.modulelectro.ru](http://www.modulelectro.ru)





GRÜNPROJEKT LADENBURG, LADENBURG (D).



MUSEO DEL MARE, GENOA (I), GUILLERMO VASQUEZ CONSUEGRA.

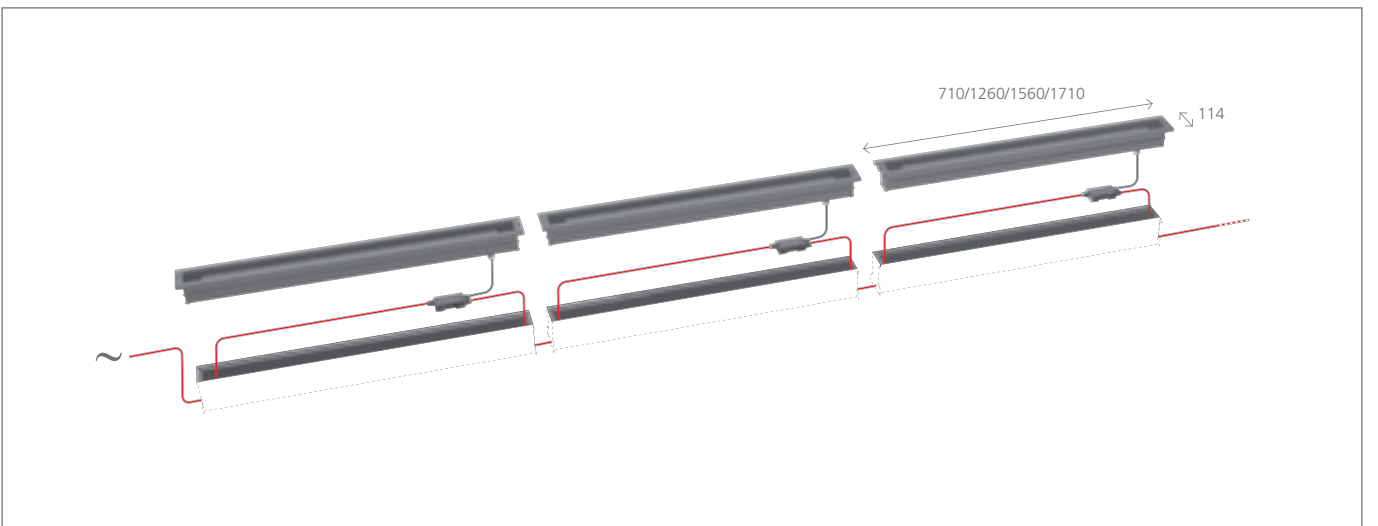


GRÜNPROJEKT LADENBURG, LADENBURG (D).

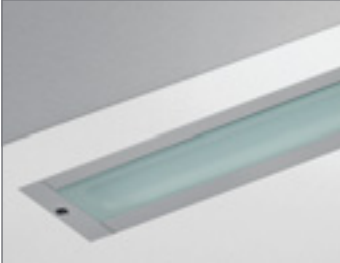

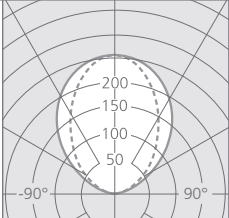



TELESIS, ATHENS (GR).


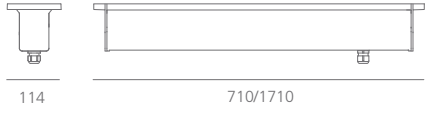
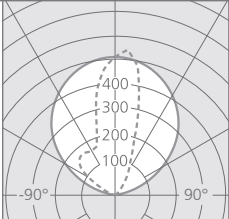
## RIVOLI RECESSED




## RIVOLI RECESSED T16

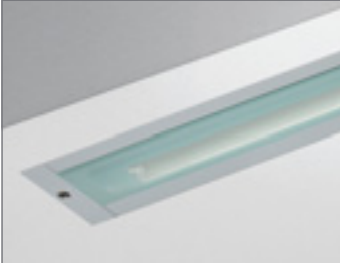

			IP67 IK10  ● grey	T16 (G5) <b>Cd/Klm</b>																																		
T16-HE/FH (G5) 28W = 2600lm 35W = 3300lm  T16-HO/FQ (G5) 54W = 4450lm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> <th>T MAX GLASS</th> </tr> </thead> <tbody> <tr> <td><b>M128800</b></td> <td>T16 (G5) 1x28W 2700K (included) non dimmable</td> <td>1260mm</td> <td>5,70kg</td> <td>43°</td> </tr> <tr> <td><b>M128900</b></td> <td>T16 (G5) 1x54W 2700K (included) non dimmable</td> <td>1260mm</td> <td>5,70kg</td> <td>53°</td> </tr> <tr> <td><b>M129000</b></td> <td>T16 (G5) 1x35W 2700K (included) non dimmable</td> <td>1560mm</td> <td>6,80kg</td> <td>48°</td> </tr> <tr> <td><b>M129100</b></td> <td>T16 (G5) 1x28W 2700K (included) dimmable DALI</td> <td>1260mm</td> <td>5,70kg</td> <td>43°</td> </tr> <tr> <td><b>M129200</b></td> <td>T16 (G5) 1x54W 2700K (included) dimmable DALI</td> <td>1260mm</td> <td>5,70kg</td> <td>53°</td> </tr> <tr> <td><b>M129300</b></td> <td>T16 (G5) 1x35W 2700K (included) dimmable DALI</td> <td>1560mm</td> <td>6,80kg</td> <td>48°</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	LENGTH	WEIGHT	T MAX GLASS	<b>M128800</b>	T16 (G5) 1x28W 2700K (included) non dimmable	1260mm	5,70kg	43°	<b>M128900</b>	T16 (G5) 1x54W 2700K (included) non dimmable	1260mm	5,70kg	53°	<b>M129000</b>	T16 (G5) 1x35W 2700K (included) non dimmable	1560mm	6,80kg	48°	<b>M129100</b>	T16 (G5) 1x28W 2700K (included) dimmable DALI	1260mm	5,70kg	43°	<b>M129200</b>	T16 (G5) 1x54W 2700K (included) dimmable DALI	1260mm	5,70kg	53°	<b>M129300</b>	T16 (G5) 1x35W 2700K (included) dimmable DALI	1560mm	6,80kg	48°		
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## RIVOLI RECESSED MICROLIGHT


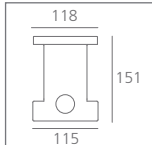

			IP67 IK10 ● grey	Microlight <b>Cd/Klm</b>														
Microlight 16W = 419lm 37W = 1511lm	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> <th>T MAX GLASS</th> </tr> </thead> <tbody> <tr> <td><b>M128100</b></td> <td>Microlight 16W 2700K (included) non dimmable</td> <td>710mm</td> <td>4,50kg</td> <td>41°</td> </tr> <tr> <td><b>M128000</b></td> <td>Microlight 37W 2700K (included) non dimmable</td> <td>1710mm</td> <td>9,70kg</td> <td>48°</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	LENGTH	WEIGHT	T MAX GLASS	<b>M128100</b>	Microlight 16W 2700K (included) non dimmable	710mm	4,50kg	41°	<b>M128000</b>	Microlight 37W 2700K (included) non dimmable	1710mm	9,70kg	48°		
CODE	LIGHT SOURCE	LENGTH	WEIGHT	T MAX GLASS														
<b>M128100</b>	Microlight 16W 2700K (included) non dimmable	710mm	4,50kg	41°														
<b>M128000</b>	Microlight 37W 2700K (included) non dimmable	1710mm	9,70kg	48°														

  
[www.modulelectro.ru](http://www.modulelectro.ru)

## RIVOLI RECESSED LED

		IP67 IK10 ● grey	LED											
	<table border="1"> <thead> <tr> <th>CODE</th> <th>LIGHT SOURCE</th> <th>LENGTH</th> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td><b>M129600</b></td> <td>LED 8W/230-240V 20° 3000K (included)</td> <td>710mm</td> <td>5,70kg</td> </tr> <tr> <td><b>M129700</b></td> <td>LED 20W/230-240V 20° 3000K (included)</td> <td>1710mm</td> <td>6,80kg</td> </tr> </tbody> </table>	CODE	LIGHT SOURCE	LENGTH	WEIGHT	<b>M129600</b>	LED 8W/230-240V 20° 3000K (included)	710mm	5,70kg	<b>M129700</b>	LED 20W/230-240V 20° 3000K (included)	1710mm	6,80kg	
CODE	LIGHT SOURCE	LENGTH	WEIGHT											
<b>M129600</b>	LED 8W/230-240V 20° 3000K (included)	710mm	5,70kg											
<b>M129700</b>	LED 20W/230-240V 20° 3000K (included)	1710mm	6,80kg											

## RIVOLI RECESSED ACCESSORIES

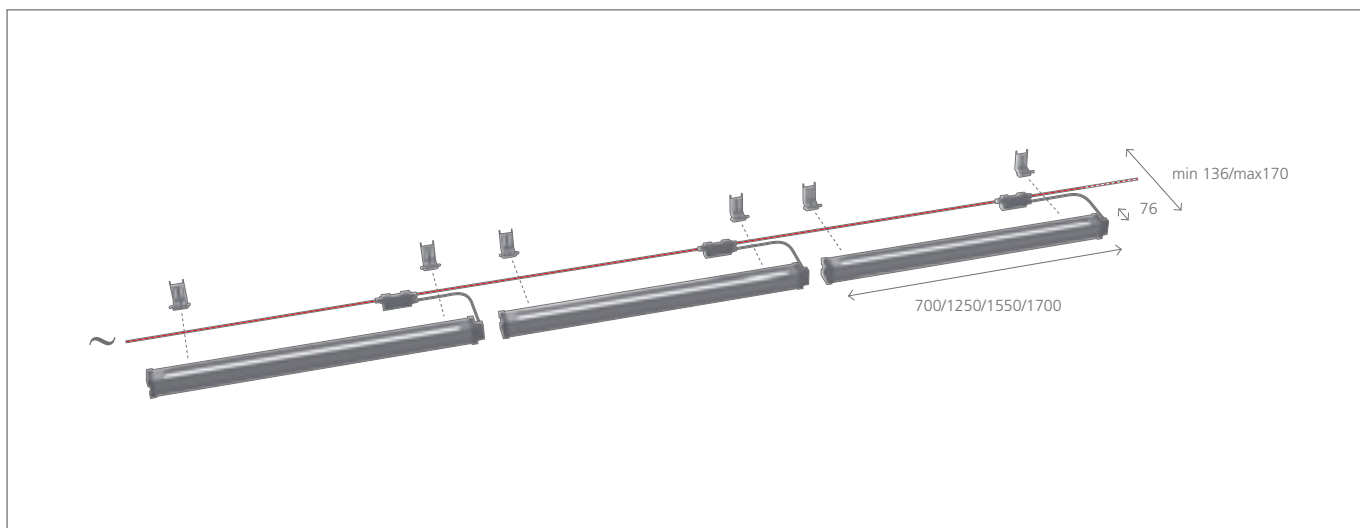
	<b>M073130</b> Connection and branch box (IP67).		Recessing box.
	<b>M103700</b> Surge defender for RIVOLI MICROLIGHT (protection system against overvoltage).		<b>M129400</b> For T16 28/54W. □ 1264x118mm <b>M129500</b> For T16 35W. □ 1564x118mm <b>M127800</b> For Microlight 16W/LED 8W □ 712x118mm <b>M127900</b> For Microlight 37W/LED 20W □ 1712x118mm





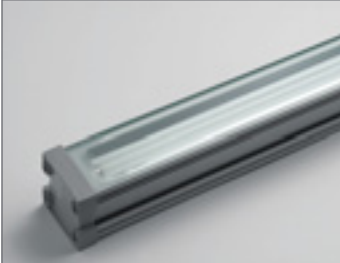
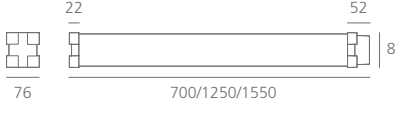
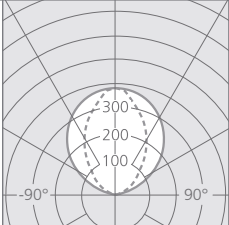



PALACIO DE LA TINTA, MALAGA (SP), LUIS OCTAVIO FRADE.

## RIVOLI CORNICE

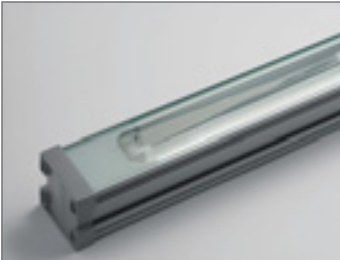
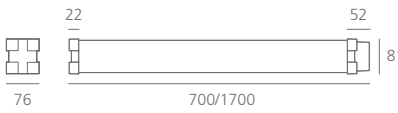
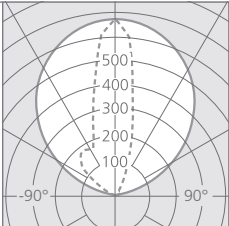






## RIVOLI CORNICE T16

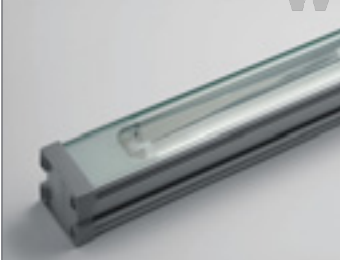
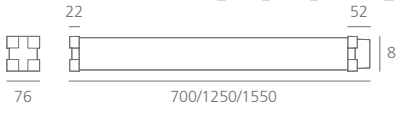



			IP65 IK09  grey	T16 (G5)	<b>Cd/Klm</b>
				T16 (G5)	<b>Cd/Klm</b>
T16-HE/FH (G5) 28W = 2600lm 35W = 3300lm		<b>CODE</b> <b>LIGHT SOURCE</b> <b>LENGTH</b> <b>WEIGHT</b>	<b>M103000</b> T16 (G5) 1x24W 2700K (included) non dimmable    700mm    2,60kg	<b>M103100</b> T16 (G5) 1x28W 2700K (included) non dimmable    1250mm    4,70kg	<b>M103200</b> T16 (G5) 1x35W 2700K (included) non dimmable    1550mm    5,80kg
T16-HO/FQ (G5) 24W = 1750lm 54W = 4450lm		<b>M103300</b> T16 (G5) 1x54W 2700K (included) non dimmable    1250mm    4,70kg			

## RIVOLI CORNICE MICROLIGHT

			IP65 IK09  grey	Microlight	<b>Cd/Klm</b>
				Microlight	<b>Cd/Klm</b>
Microlight 16W = 419lm 37W = 1511lm		<b>CODE</b> <b>LIGHT SOURCE</b> <b>LENGTH</b> <b>WEIGHT</b>	<b>M103500</b> Microlight 16W 2700K (included) non dimmable    700mm    2,75kg	<b>M103600</b> Microlight 37W 2700K (included) non dimmable    1700mm    6,70kg	

ELECTRO

## RIVOLI CORNICE LED





			IP65 IK09  grey	LED	<b>Cd/Klm</b>
				LED	<b>Cd/Klm</b>
		<b>CODE</b> <b>LIGHT SOURCE</b> <b>LENGTH</b> <b>WEIGHT</b>	<b>M104400</b> LED 8W/230-240V 20° 3000K (included)    700mm    2,60kg	<b>M104500</b> LED 14W/230-240V 20° 3000K (included)    1250mm    4,70kg	<b>M104600</b> LED 17W/230-240V 20° 3000K (included)    1550mm    5,80kg

## RIVOLI CORNICE ACCESSORIES

	<b>M073130</b> Connection and branch box (IP67).		<b>M126600</b> Wall fixing bracket (1 piece). 2 pieces required per luminaire.
	<b>M103700</b> Surge defender for RIVOLI MICROLIGHT (protection system against overvoltage).		





# LIGHT SOURCES

## 230-240V LED LAMPS






	CODE	LBS	ILCOS L	WATTAGE	BEAM	COLOUR T	SOCKET	LM	RA	SPECIFICITIES																																																																																
	<b>M004720</b>	TCR35-SE	-	3W	25°	3000K	GU10	-	1B	 55,5mm																																																																																
	<table border="1"> <thead> <tr> <th>H m</th> <th>Ø m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0,39</td> <td>550</td> <td>247</td> </tr> <tr> <td>2</td> <td>0,78</td> <td>137</td> <td>61</td> </tr> <tr> <td>3</td> <td>1,17</td> <td>61</td> <td>27</td> </tr> <tr> <td>4</td> <td>1,56</td> <td>34</td> <td>15</td> </tr> </tbody> </table>										H m	Ø m	EMax lux	EM lux	1	0,39	550	247	2	0,78	137	61	3	1,17	61	27	4	1,56	34	15																																																												
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TCR35-SE 3W 25°																																																																																										
	<b>M004730</b>	TCR50-SE	-	7W	25°	3000K	GU10	-	1B	 80,5mm																																																																																
	<b>M004740</b>	TCR50-SE	-	7W	40°	3000K	GU10	-	1B																																																																																	
	<b>M004735</b>	TCR50-SE	-	7W	25°	4200K	GU10	-	1B																																																																																	
	<b>M004745</b>	TCR50-SE	-	7W	40°	4200K	GU10	-	1B																																																																																	
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	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux																																																																										
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	3	1,28	112	53	3	2,14	45	19	3	1,19	128	61	3	2,01	62	27																																																																										
	4	1,70	63	30	4	2,85	25	11	4	1,58	72	34	4	2,68	35	15																																																																										
TCR50-SE 7W 3000K 25°			TCR50-SE 7W 3000K 40°			TCR50-SE 7W 4200K 25°			TCR50-SE 7W 4200K 40°																																																																																	

# MODULO




## 230-240V HALOGEN LAMPS

	CODE	LBS	ILCOS L	WATTAGE	BEAM	COLOUR T	SOCKET	LM	RA	SPECIFICITIES																																																																																
	<b>M002250</b>	QT14	HSGST/C/UB	33W	-	2900K	G9	460lm	1A	Anti-UV treatment. Energy saving lamp (equals a standard 40W).																																																																																
	<b>M002000</b>	QT-DE12	HDG	150W	-	3000K	R7s	2500lm	1A	Anti-UV treatment.																																																																																
	<b>M002010</b>	QT-DE12	HDG/UB	300W	-	2900K	R7s	5600lm	1A																																																																																	
	<b>M001145</b>	QPAR51	HAGS/UB	50W	40°	2800K	GU10	-	1A	Anti-UV treatment. Aluminium reflector.																																																																																
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QPAR51 50W 40°																																																																																										
	<b>M002220</b>	QPAR20	HAGS/UB	50W	10°	2800K	E27	-	1A	Anti-UV treatment.																																																																																
	<b>M002230</b>	QPAR20	HAGS/UB	50W	25°	2800K	E27	-	1A	Anti-UV treatment.																																																																																
	<b>M002240</b>	QPAR30	HAGS/UB	75W	10°	2800K	E27	-	1A	Anti-UV treatment. No cool beam.																																																																																
	<b>M002260</b>	QPAR30	HAGS/UB	75W	30°	2800K	E27	-	1A	Anti-UV treatment. No cool beam.																																																																																
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	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux																																																																										
	1	0,17	3201	1599	1	0,47	1099	512	1	0,17	7499	3745	1	0,52	2400	1095																																																																										
	2	0,35	800	400	2	0,93	275	128	2	0,35	1875	936	2	1,04	600	274																																																																										
3	0,52	356	178	3	1,40	122	57	3	0,52	833	416	3	1,56	267	122																																																																											
4	0,70	200	100	4	1,86	69	32	4	0,70	469	234	4	2,08	150	68																																																																											
QPAR20 50W 10°			QPAR20 50W 25°			QPAR30 75W 10°			QPAR30 75W 30°																																																																																	








# 12V HALOGEN LAMPS

	CODE	LBS	ILCOS L	WATTAGE	BEAM	COLOUR T	SOCKET	LM	RA	SPECIFICITIES																																																																																																																																												
	<b>M001050</b>	QT9-UVr-ax	QT9-UVr-ax	20W	-	3000K	G4	320lm	1A	Low pressure. Anti-UV treatment.																																																																																																																																												
	<b>M001060</b> <b>M001005</b>	QT12-UVr-ax	HSGS/C/AXUB	50W	-	3000K	GY6,35	950lm	1A	Low pressure. Anti-UV treatment.																																																																																																																																												
				65W		3000K	GY6.35	1700lm	1A	Low pressure. Anti-UV treatment. Energy saving lamp (equals a standard 90W).																																																																																																																																												
	<b>M001140</b> <b>M001230</b>	QR-CBC35	HRGI	20W	30°	3000K	GU4	-	1A	Anti-UV treatment.																																																																																																																																												
				35W	30°	3000K	GU4	-	1A	Anti-UV treatment.																																																																																																																																												
	<table border="1"> <thead> <tr> <th>H</th><th>Ø</th><th>EMax</th><th>EM</th><th>H</th><th>Ø</th><th>EMax</th><th>EM</th></tr> <tr> <th>m</th><th>m</th><th>lux</th><th>lux</th><th>m</th><th>m</th><th>lux</th><th>lux</th></tr> </thead> <tbody> <tr> <td>1</td><td>0,41</td><td>1311</td><td>616</td><td>1</td><td>0,40</td><td>3090</td><td>1457</td></tr> <tr> <td>2</td><td>0,83</td><td>328</td><td>154</td><td>2</td><td>0,81</td><td>773</td><td>364</td></tr> <tr> <td>3</td><td>1,24</td><td>146</td><td>68</td><td>3</td><td>1,21</td><td>343</td><td>162</td></tr> <tr> <td>4</td><td>1,66</td><td>82</td><td>38</td><td>4</td><td>1,61</td><td>193</td><td>91</td></tr> </tbody> </table>		H	Ø	EMax	EM	H	Ø	EMax	EM	m	m	lux	lux	m	m	lux	lux	1	0,41	1311	616	1	0,40	3090	1457	2	0,83	328	154	2	0,81	773	364	3	1,24	146	68	3	1,21	343	162	4	1,66	82	38	4	1,61	193	91	QR-CBC35 20W 30°		QR-CBC35 35W 30°																																																																																																	
H	Ø	EMax	EM	H	Ø	EMax	EM																																																																																																																																															
m	m	lux	lux	m	m	lux	lux																																																																																																																																															
1	0,41	1311	616	1	0,40	3090	1457																																																																																																																																															
2	0,83	328	154	2	0,81	773	364																																																																																																																																															
3	1,24	146	68	3	1,21	343	162																																																																																																																																															
4	1,66	82	38	4	1,61	193	91																																																																																																																																															
	<b>M001020</b> <b>M001220</b> <b>M001010</b> <b>M001300</b>	QR-CBC51	HRGI	50W	10°	3000K	GU5,3	-	1A	Anti-UV treatment.																																																																																																																																												
				50W	24°	3000K	GU5,3	-	1A	Anti-UV treatment.																																																																																																																																												
				50W	36°	3000K	GU5,3	-	1A	Anti-UV treatment.																																																																																																																																												
				50W	60°	3000K	GU5,3	-	1A	Anti-UV treatment.																																																																																																																																												
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H	Ø	EMax	EM	H	Ø	EMax	EM	H	Ø	EMax	EM	H	Ø	EMax	EM																																																																																																																																							
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1	0,17	14750	7364	1	0,36	5250	2505	1	0,66	2300	988	1	1,07	1110	381																																																																																																																																							
2	0,34	3688	1841	2	0,73	1313	626	2	1,32	575	247	2	2,14	278	95																																																																																																																																							
3	0,50	1639	818	3	1,09	583	278	3	1,97	256	110	3	3,22	123	42																																																																																																																																							
4	0,67	922	460	4	1,45	328	157	4	2,63	144	62	4	4,29	69	24																																																																																																																																							
	<b>M001330</b> <b>M001340</b> <b>M001310</b> <b>M001395</b> <b>M001365</b> <b>M001360</b> <b>M001370</b> <b>M001390</b>	QR111	HRGI	50W	8°	3000K	G53	-	1A	Anti-UV treatment.																																																																																																																																												
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H	Ø	EMax	EM	H	Ø	EMax	EM	H	Ø	EMax	EM	H	Ø	EMax	EM	H	Ø	EMax	EM																																																																																																																																			
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1	0,12	23091	11634	1	0,40	4007	1929	1	0,13	29992	15195	1	0,41	5299	2505	1	0,12	48000	23900	1	0,40	8500	4044																																																																																																																															
2	0,24	5773	2908	2	0,80	1002	482	2	0,25	7498	3799	2	0,81	1325	626	2	0,24	12000	5975	2	0,79	2125	1011																																																																																																																															
3	0,37	2566	1293	3	1,20	445	214	3	0,38	3332	1688	3	1,22	589	278	3	0,36	5333	2656	3	1,19	944	449																																																																																																																															
4	0,49	1443	727	4	1,60	250	121	4	0,50	1874	950	4	1,63	331	157	4	0,48	3000	1494	4	1,58	531	253																																																																																																																															

## LINEAR FLUORESCENT LAMPS






	CODE	LBS	ILCOS L	WATTAGE	BEAM	COLOUR T	SOCKET	LM	RA	SPECIFICITIES
	<b>M004800</b>	T16-SEAMLESS	FDH	54W	-	3000K	G5	4450lm	1B	HO-FQ
	<b>M004805</b>	T16-SEAMLESS	FDH	54W	-	4000K	G5	4450lm	1B	HO-FQ
	<b>M004300</b>	T16	FDH-14	14W	-	3000K	G5	1200lm	1B	HE-FH
	<b>M004305</b>	T16	FDH-14	14W	-	4000K	G5	1200lm	1B	HE-FH
	<b>M004340</b>	T16	FDH-21	21W	-	3000K	G5	1900lm	1B	HE-FH
	<b>M004370</b>	T16	FDH-24	24W	-	3000K	G5	1750lm	1B	HO-FQ
	<b>M004371</b>	T16	FDH-24	24W	-	4000K	G5	1750lm	1B	HO-FQ
	<b>M004280</b>	T16	FDH-28	28W	-	3000K	G5	2600lm	1B	HE-FH
	<b>M004325</b>	T16	FDH-28	28W	-	4000K	G5	2600lm	1B	HE-FH
	<b>M004290</b>	T16	FDH-35	35W	-	3000K	G5	3300lm	1B	HE-FH
	<b>M004295</b>	T16	FDH-35	35W	-	4000K	G5	3300lm	1B	HE-FH
	<b>M004380</b>	T16	FDH-39	39W	-	3000K	G5	3100lm	1B	HO-FQ
	<b>M004381</b>	T16	FDH-39	39W	-	4000K	G5	3100lm	1B	HO-FQ
	<b>M004350</b>	T16	FDH-54	54W	-	3000K	G5	4450lm	1B	HO-FQ
	<b>M004355</b>	T16	FDH-54	54W	-	4000K	G5	4450lm	1B	HO-FQ
	<b>M004360</b>	T16	FDH-80	80W	-	3000K	G5	6150lm	1B	HO-FQ
	<b>M004365</b>	T16	FDH-80	80W	-	4000K	G5	6150lm	1B	HO-FQ
	<b>M004430</b>	T16-rd	FDH-24/R	24W	-	-	G5	1400lm	-	HO-FQ/red
	<b>M004435</b>	T16-gn	FDH-24/G	24W	-	-	G5	2750lm	-	HO-FQ/green
	<b>M004425</b>	T16-bu	FDH-24/B	24W	-	-	G5	550lm	-	HO-FQ/blue
	<b>M004415</b>	T16-rd	FDH-54/R	54W	-	-	G5	3450lm	-	HO-FQ/red
	<b>M004450</b>	T16-gn	FDH-54/G	54W	-	-	G5	6900lm	-	HO-FQ/green
	<b>M004395</b>	T16-bu	FDH-54/B	54W	-	-	G5	1500lm	-	HO-FQ/blue

## COMPACT FLUORESCENT LAMPS

	CODE	LBS	ILCOS L	WATTAGE	BEAM	COLOUR T	SOCKET	LM	RA	SPECIFICITIES
	<b>M004630</b>	TC-DEL	FSQ-13	13W	-	3000K	G24q-1	900lm	1B	
	<b>M004188</b>	TC-DEL	FSQ-18	18W	-	3000K	G24q-2	1200lm	1B	
	<b>M004181</b>	TC-DEL	FSQ-26	26W	-	3000K	G24q-3	1800lm	1B	
	<b>M004035</b>	TC-TEL	FSM-14	14W	-	3000K	GR14q-1	1200lm	1B	
	<b>M004031</b>	TC-TEL	FSM-17	17W	-	3000K	GR14q-1	1500lm	1B	
	<b>M004140</b>	TC-LEL	FSD-18	18W	-	3000K	2G11	1200lm	1B	
	<b>M004190</b>	TC-LEL	FSD-36	36W	-	3000K	2G11	2900lm	1B	
	<b>M004400</b>	TC-LEL	FSDH-55	55W	-	3000K	2G11	4800lm	1B	
	<b>M004660</b>	TC-LEL	FSDH-80	80W	-	3000K	2G11	6000lm	1B	
	<b>M004570</b>	TC-TEL	FSM-18	18W	-	3000K	GX24q-2	1200lm	1B	
	<b>M004420</b>	TC-TEL	FSM-32	32W	-	3000K	GX24q-3	2400lm	1B	
	<b>M004410</b>	TC-TEL	FSM-42	42W	-	3000K	GX24q-4	3200lm	1B	
	<b>M004060</b>	TC-FEL	SFS-36	36W	-	3000K	2G10	2800lm	1B	
	<b>M004500</b>	T16-R	SFCH-22	22W	-	3000K	2GX13	1800lm	1B	
	<b>M004230</b>	TC-DDELI	SFS-55	55W	-	3500K	GR10q3	3900lm	1B	




# DISCHARGE LAMPS METAL HALIDE

	CODE	LBS	ILCOS L	WATTAGE	BEAM	COLOUR T	SOCKET	LM	RA	SPECIFICITIES																																																																																																																																												
	<b>M003260</b>	HIT-DE-CE-h45	MD/UB-70	70W	-	3000K	RX7s	6300lm	1B	Ceramic burner. Anti-UV treatment																																																																																																																																												
	<b>M003270</b>	HIT-DE-CE-h45	MD/UB-150	150W	-	3000K	RX7s	13500lm	1B	Ceramic burner. Anti-UV treatment																																																																																																																																												
	<b>M003020</b>	HIT-DE-CE-h45	MD/UB-250	250W	-	3000K	Fc2	20000lm	1B	Ceramic burner. Anti-UV treatment																																																																																																																																												
	<b>M003080</b>	HIT-TC-CE	MT/UB-20	20W	-	3000K	G8,5	1700lm	1B	Ceramic burner. Anti-UV treatment																																																																																																																																												
	<b>M003030</b>	HIT-TC-CE	MT/UB-35	35W	-	3000K	G8,5	3400lm	1B	Ceramic burner. Anti-UV treatment																																																																																																																																												
	<b>M003090</b>	HIT-TC-CE	MT/UB-70	70W	-	3000K	G8,5	6600lm	1B	Ceramic burner. Anti-UV treatment																																																																																																																																												
	<b>M003165</b>	HIT-CE	MT/UB-35	35W	-	3000K	G12	3300lm	1B	Ceramic burner. Anti-UV treatment																																																																																																																																												
	<b>M003150</b>	HIT-CE	MT/UB-70	70W	-	3000K	G12	6600lm	1B	Ceramic burner. Anti-UV treatment																																																																																																																																												
	<b>M003155</b>	HIT-CE	MT/UB-70	70W	-	4200K	G12	6600lm	1B	Ceramic burner. Anti-UV treatment																																																																																																																																												
	<b>M003160</b>	HIT-CE	MT/UB-150	150W	-	3000K	G12	14000lm	1B	Ceramic burner. Anti-UV treatment																																																																																																																																												
	<b>M003320</b>	HIPAR51-CE-P	MRS/UB-20	20W	10°	3000K	GX10	-	1B	UV-protected.																																																																																																																																												
	<b>M003330</b>	HIPAR51-CE-P	MRS/UB-20	20W	25°	3000K	GX10	-	1B	UV-protected.																																																																																																																																												
	<b>M003340</b>	HIPAR51-CE-P	MRS/UB-20	20W	40°	3000K	GX10	-	1B	UV-protected.																																																																																																																																												
	<b>M003275</b>	HIPAR51-CE-P	MRS/UB-35	35W	12°	3000K	GX10	-	1A	UV-protected.																																																																																																																																												
	<b>M003280</b>	HIPAR51-CE-P	MRS/UB-35	35W	25°	3000K	GX10	-	1A	UV-protected.																																																																																																																																												
	<b>M003290</b>	HIPAR51-CE-P	MRS/UB-35	35W	40°	3000K	GX10	-	1A	UV-protected.																																																																																																																																												
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	<b>M003310</b>	HIR111-CE-P	MRS/UB-35	35W	10°	3000K	GX8,5	-	1B	Anti-UV treatment																																																																																																																																												
	<b>M003170</b>	HIR111-CE-P	MRS/UB-35	35W	24°	3000K	GX8,5	-	1B	Anti-UV treatment																																																																																																																																												
	<b>M003190</b>	HIR111-CE-P	MRS/UB-35	35W	40°	3000K	GX8,5	-	1B	Anti-UV treatment																																																																																																																																												
	<b>M003185</b>	HIR111-CE-P	MRS/UB-70	70W	10°	2900K	GX8,5	-	1B	Anti-UV treatment																																																																																																																																												
	<b>M003175</b>	HIR111-CE-P	MRS/UB-70	70W	24°	2900K	GX8,5	-	1B	Anti-UV treatment																																																																																																																																												
	<b>M003176</b>	HIR111-CE-P	MRS/UB-70	70W	40°	4200K	GX8,5	-	1B	Anti-UV treatment																																																																																																																																												
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# GENERAL TERMINOLOGY

## PRODUCT NAME



classification according to the electrical protection

type of installation

ingress protection (IP)

resistance to incandescent wire

approvals

dimensions in mm

colour

tilt angle and rotation

photometric distribution data

photometric curves

H m	Ø m	EMax lux	EM lux
1	0,34	40229	19369
2	0,68	10057	4842
3	1,01	4470	2152
4	1,35	2514	1211
5	1,69	1609	775

spread of beam 2x10°

HIT-CE (G12) Cd/Klm

HIT-TC-CE (G8,5)  
70W = 6600lm

light source

type, wattage and luminous flux

colour code

CODE	LIGHT SOURCE	LENGTH	WEIGHT
M0000.0	00x00W	000mm	0,00kg

# MODULO


**CLASS I**  
The safety of the luminaire is guaranteed by an additional protective conductor (earth) connected with the metal frame of the lamp.

**CLASS II**  
The safety of the luminaire is guaranteed by the double reinforced insulation of conductive parts, and without earth connection.

**CLASS III**  
The luminaire is fitted with a protection device against electrical shock that features a very low voltage power supply and prevents it from generating higher voltages.  
Note: a Class III luminaire does not have to be equipped with an earth protection.


### SURFACES FOR INSTALLATION

 Luminaire suitable for installation on normally inflammable surfaces.

 Luminaire suitable only for mounting on non-combustible surfaces.



 Luminaire suitable for installation on normally inflammable surfaces, into ceilings covered with an insulator.


 Luminaire not suitable for covering with thermally insulating material.

### APPROVALS

 ENEC Certification of European Conformity

 IMQ Italian Institute of Quality Mark

 CCC China Compulsory Certification

 MINERGIE® Swiss standard for sustainable buildings.

### DIMENSIONS

Dimensions are given in millimeters.

### CODES

The codes of products available in different colours are indicated only with the fixed digits. They must be completed with digits shown in the colour chart.

### SUPPLY VOLTAGE

All fittings are manufactured for 230-240V/50Hz power supply voltage.

### IP RATE

Electrical fittings are preset in order to prevent the intrusion and contact with solids and liquids with live parts.

Resistance against the penetration of solids and liquids is expressed by the initials IP, followed by two digits that stand for the degree of protection: the first referring to solids, the second to liquids.

### FIRST DIGIT

- 0 Non-protected.
- 1 Protected against the penetration of solid objects greater than 50 mm.
- 2 Protected against the penetration of solid objects greater than 12 mm.
- 3 Protected against the penetration of solid objects greater than 2.5 mm.
- 4 Protected against the penetration of solid objects greater than 1 mm.
- 5 Dust-protected.
- 6 Dust-tight.

### SECOND DIGIT

- 0 Non-protected.
- 1 Protected against dripping water.
- 2 Protected against dripping water when tilted up to 15°.
- 3 Protected against spraying water.
- 4 Protected against splashing water.
- 5 Protected against water jets.
- 6 Protected against heavy seas.
- 7 Protected against the effects of immersion.
- 8 Protected against submersion.

### PHOTOMETRIC DISTRIBUTION DATA

From these diagrams, it is possible to make an initial assessment of the product to be used and the amount to be installed, etc. (a more accurate analysis based on the work plane reflectances etc. should be carried out later, in order to establish the effects of environmental characteristics on illuminance). Briefly, the chart shows:

- average and maximum illuminance (lux) of the area in the diagram.
- the main beam diameter within the cone area.

The values of illuminance are shown for varying mounting heights of 1 to 5 meters.

### SPREAD OF BEAM

Shows the flat angle including the directions in which 50% of the maximum intensity exists.

Symmetrical emission can be symbolized by  $\sphericalangle 2\alpha^\circ$ .

Luminaires are classified according to angles of emission, as shown here below.

The spread of beam is only given for luminaires having a symmetrical distribution.

### PHOTOMETRIC CURVES IN POLAR COORDINATES

These represent the light intensity distribution (in cd/klm = candles/1000 lumen) emitted by the luminaire on the planes that contain the optical axis of the luminaire.

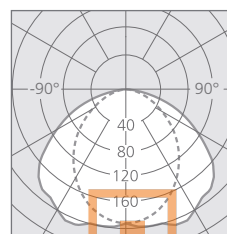
Two curves are indicated for each luminaire.

The first refers to the transversal C0 - C180 plane (continuous line) and the second to the longitudinal C90 - C270 plane (dotted line).

The photometric curves define important lighting engineering features of the luminaire itself such as the light flow control, the type of emission, the maximum intensity.

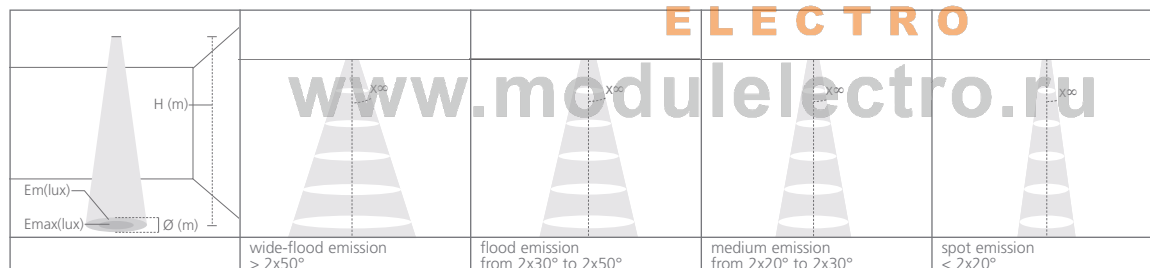
Furthermore they can be used to calculate the lighting levels at each point of a given plane.

The photometric curves shown in this catalogue are only indicative. For accurate photometric data, calculations should be taken from Dialux lighting programme.



# MODULO

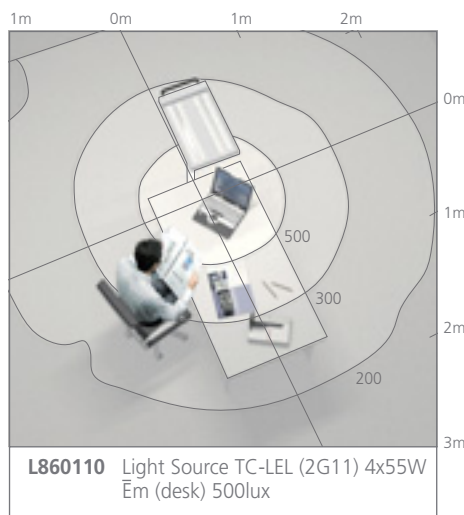
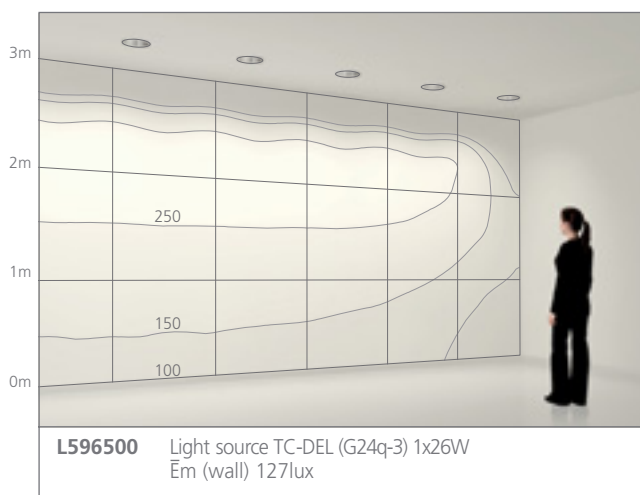
## ELECTRO



### ISOLUX DIAGRAMS

A graphical representation of the illuminance distribution on a vertical surface (wall washer luminaires) or a working plane (floor lamps).

The isolux curve lines link the points of equal illuminance.



# CODES INDEX

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L142400	57	L230600	33	L572500	327	L599770	166	L854000	369	M004395	408	M022355	117	M041205	135	M051623	17
L144800	57	L230610	33	L572600	327	L599790	166	L858330	369	M004400	408	M022395	117	M041260	135	M051711	17
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