

## The right Illuminator for each job | El iluminador adecuado para cada aplicación

Illuminators are projectors designed to inject light into the fibers. Beside specific features, such as color change, flickering disks for starry skies, animation drums and IP rating for outdoor or indoor uses, the principal difference between different models is their light output. Applications such as lighting, and sidelight guides need powerful illuminators regardless of environmental constraint. Other applications, in particular decorative uses, will need more or less power as a function of ambient light, distance to the observer and importance.

Los iluminadores son proyectores diseñados para inyectar luz en las fibras. Además de características como cambio de color, discos de efectos para firmamentos, tambores de animación y clasificación IP para usos en exteriores o interiores, la principal diferencia entre los modelos es su potencia lumínica. Las aplicaciones de iluminación o de guías de emisión lateral precisan iluminadores potentes sin importar los condicionantes ambientales. Otros usos, decorativos en particular, necesitarán más o menos potencia en función de la iluminancia ambiente, distancia al observador y su importancia.

Illuminator	Hal. 50W	Hal. 75W	Hal. 100W	MH.150W	DMX	LED 1W	LED 8W
Starry skies, Decoration	Excellent	Excellent	Excellent	Limited	Limited	Limited	Excellent
Signs	Poor	Poor	Excellent	Excellent	Excellent	Poor	Excellent
Small details	Excellent	Excellent	Excellent	Limited	Poor	Limited	Excellent
Pools, Waterworks	Poor	Poor	Limited	Excellent	Excellent	Poor	Limited
Showcases	Limited	Limited	Excellent	Excellent	Poor	Poor	Limited
Lighting	Poor	Poor	Limited	Excellent	Excellent	Poor	Limited
Sidelight, Chandeliers, Curtains	Poor	Poor	Poor	Excellent	Excellent	Poor	Limited
Synchronized illuminators	Poor	Poor	Poor	Poor	Excellent	Poor	Limited

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## Basic Silent Illuminator | Iluminador Básico Silencioso



XXX SERIES

Basic halogen illuminator, for star ceilings requiring silent operation or an economical unit. Only available with 50W halogen lamp.

Iluminador halógeno básico, para cielos estrellados donde se requiera operación silenciosa o una alternativa económica. Solo disponible con lámpara de 50W.

CODE	PRODUCT	TYPE	POWER	VOLTAGE	DIMENSIONS
XXX001	Basic halogen illuminator	White light	50W	220 / 240V	L 245 x W 150 x H 140mm
XXX002	Basic halogen illuminator	Starry sky	50W	220 / 240V	L 245 x W 150 x H 140mm
XXX003	Basic halogen illuminator	Starry sky + color	50W	220 / 240V	L 245 x W 150 x H 140mm

On request, these illuminators can be equipped with high Kelvin, ultra-white cold light lamps for more realistic effects.  
Also available at 12V AC.

## Low-profile Halogen Illuminator | Iluminador Halógeno de Bajo Perfil



MHI600 SERIES

For showcases and any application in areas with limited space such as furniture or low-plenum suspended ceilings. Reduced noise.

Para vitrinas y aplicaciones en zonas de espacio reducido, como muebles o techos suspendidos con baja cota de instalación. Bajo nivel de ruido.

CODE	PRODUCT	TYPE	POWER	VOLTAGE	DIMENSIONS
MHI601	Low-profile halogen illuminator	White light	50W	220 / 240V	L 261 x W 140 x H 71mm
MHI602	Low-profile halogen illuminator	White light	75W	220 / 240V	L 261 x W 140 x H 71mm
MHI603	Low-profile halogen illuminator	White light	100W	220 / 240V	L 261 x W 140 x H 71mm

Single color filters on request.



## Modular Halogen Illuminator | Iluminador Halógeno Modular



MHI SERIES

Standard halogen range of illuminators with IR filter, forced ventilation and thermal cut-out fuse. For decorative and general lighting.

Gama estándar de iluminadores halógenos con filtro de infrarrojo, ventilación forzada y fusible térmico. Para aplicaciones decorativas y de iluminación general.

CODE	PRODUCT	TYPE	POWER	VOLTAGE	DIMENSIONS
MHI101	Modular halogen illuminator	White light	50W	220 / 240V	L 217 x W 220 x H 140mm
MHI102	Modular halogen illuminator	Starry sky	50W	220 / 240V	L 217 x W 220 x H 140mm
MHI104	Modular halogen illuminator	6-color	50W	220 / 240V	L 217 x W 220 x H 140mm
MHI201	Modular halogen illuminator	White light	75W	220 / 240V	L 217 x W 220 x H 140mm
MHI202	Modular halogen illuminator	Starry sky	75W	220 / 240V	L 217 x W 220 x H 140mm
MHI204	Modular halogen illuminator	6-color	75W	220 / 240V	L 217 x W 220 x H 140mm
MHI301	Modular halogen illuminator	White light	100W	220 / 240V	L 217 x W 220 x H 140mm
MHI302	Modular halogen illuminator	Starry sky	100W	220 / 240V	L 217 x W 220 x H 140mm
MHI304	Modular halogen illuminator	6-color	100W	220 / 240V	L 217 x W 220 x H 140mm

On request, these illuminators can be outfitted with a low-noise fan.

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## Series 100 Modular Discharge Illuminator | Iluminador Modular de Descarga Serie 100



MDI100 SERIES

150W gas discharge illuminator for dry location with IR filter, forced ventilation and thermal cut-out fuse. For general lighting, pools, sidelight, chandeliers and very lofty star ceilings.

Iluminador modular de descarga de 150W con filtro de infrarrojo, ventilación forzada y fusible térmico. Para uso en interiores, iluminación general, piscinas, guías de iluminación lateral, chandeliers y cielos estrellados a gran altura.

CODE	RODUCT	TYPE	POWER	VOLTAGE	DIMENSIONS
MDI101	Modular discharge illuminator	White light	150W	220 / 240V	L 295 x W 291 x H 140mm
MDI102	Modular discharge illuminator	6-color	150W	220 / 240V	L 295 x W 291 x H 140mm
MDI105	Modular discharge illuminator	Starry sky	150W	220 / 240V	L 295 x W 291 x H 140mm

Philips CDM-R ceramic metal halide reflector lamp fitted as a standard.

On request, these illuminators can be outfitted with a low-noise fan, warm light filter and/or electronic ballast.

## Animation Halogen Illuminator | Iluminador Halógeno de Animación



AHI SERIES

Range of illuminators from 50W to 100W with various motor speeds. For CES kits and other custom animations, such as signs. Needs OPD301 animation optical port.

Iluminadores de animación de 50 a 100W con diversas velocidades de motor. Para usos con CES y otras animaciones a medida tales como rótulos. Requiere el puerto óptico de animación OPD301.

CODE	PRODUCT	TYPE	POWER	VOLTAGE	DIMENSIONS
AHI101	Animation halogen illuminator	1 RPM	50W	220 / 240V	L 295 x W 291 x H 140mm
AHI102	Animation halogen illuminator	3 RPM	50W	220 / 240V	L 295 x W 291 x H 140mm
AHI103	Animation halogen illuminator	6 RPM	50W	220 / 240V	L 295 x W 291 x H 140mm
AHI201	Animation halogen illuminator	1 RPM	75W	220 / 240V	L 295 x W 291 x H 140mm
AHI202	Animation halogen illuminator	3 RPM	75W	220 / 240V	L 295 x W 291 x H 140mm
AHI203	Animation halogen illuminator	6 RPM	75W	220 / 240V	L 295 x W 291 x H 140mm
AHI301	Animation halogen illuminator	1 RPM	100W	220 / 240V	L 295 x W 291 x H 140mm
AHI302	Animation halogen illuminator	3 RPM	100W	220 / 240V	L 295 x W 291 x H 140mm
AHI303	Animation halogen illuminator	6 RPM	100W	220 / 240V	L 295 x W 291 x H 140mm

On request, these illuminators can be outfitted with a low-noise fan.

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## Low-profile Discharge Illuminator | Iluminador de Descarga de Bajo Perfil



MDI210 SERIES

150W gas discharge illuminator for dry location with IR filter, low-noise forced ventilation and thermal cut-out fuse. Very low profile for uses in showcases, museum lighting and ceilings with low plenum. White light of fixed color only.

Iluminador modular de descarga de 150W con filtro de infrarrojo, ventilación forzada, con bajo nivel de ruido y fusible térmico. Para uso en interiores, en vitrinas, iluminación de museos y techos con baja cota de instalación. Sólo disponible en luz blanca o color fijo.

CODE	PRODUCT	TYPE	POWER	VOLTAGE	DIMENSIONS
MDI210	Low-profile discharge illuminator	White light	75W	120 or 240V	L 288 x W 260 x H 100mm
MDI211	Low-profile discharge illuminator	White light	150W	120 or 240V	L 288 x W 260 x H 100mm

Rear lamp access for ease of maintenance. Single color filters on request.

## Series 800 Modular Discharge Illuminator | Iluminador Modular de Descarga Serie 800



MDI800 SERIES

New generation of low-noise 150w gas discharge illuminator for wet or dry locations IP44 with electronic ballast for extended lamp life (10,000H) and a choice of configurations.

Iluminador de descarga de última generación, con lámpara de 150W para interior o exterior, IP44. Bajo nivel de ruido. Equipado con balasto electrónico para extender la vida de la lámpara (10.000H) y múltiples configuraciones.

CODE	PRODUCT	TYPE	POWER	VOLTAGE	DIMENSIONS
MDI801	Discharge illuminator	White light	150W	220 / 240V	L 340 x W 290 x H 180mm
MDI802	Discharge illuminator	8-color	150W	220 / 240V	L 340 x W 290 x H 180mm
MDI803	Discharge illuminator	8-color / synchronism	150W	220 / 240V	L 340 x W 290 x H 180mm
MDI804	Discharge illuminator	8-color / DMX	150W	220 / 240V	L 340 x W 290 x H 180mm
MDI805	Discharge illuminator	Starry sky	150W	220 / 240V	L 340 x W 290 x H 180mm

Philips CDM-R ceramic metal halide reflector lamp fitted as a standard. Available with DMX 512 control.





Series 600 Modular Discharge Illuminator | Iluminador Modular de Descarga Serie 600



150W gas discharge illuminator with IP54 rating for wet location. Includes remote control for on-off, color changes, sequential programmes and synchronism.

Iluminador de descarga de 150W con IP54 para uso en exteriores. Incluye control remoto para arranque y paro, cambio de color, programas secuenciales y sincronismo.

CODE	PRODUCT	TYPE	POWER	VOLTAGE	DIMENSIONS
MDI603	Discharge illuminator	Synchronous color change	150W	220 / 240V	L 365 x W 300 x H 540mm
Philips CDM-R ceramic metal halide reflector lamp fitted as a standard.					

Series 110 Modular Discharge Illuminator | Iluminador Modular de Descarga Serie 110



MDI110 SERIES

150W gas discharge illuminator for dry location with IR filter, forced ventilation and thermal cut-out fuse. For general lighting, pools, sidelight, chandeliers and very lofty star ceilings. With DMX 512 control.

Iluminador de descarga de 150W con filtro de infrarrojo, ventilación forzada y fusible térmico. Para uso en interiores, iluminación general, piscinas, guías de iluminación lateral, chandeliers y cielos estrellados a gran altura. Con control por protocolo DMX 512.

CODE	PRODUCT	TYPE	POWER	VOLTAGE	DIMENSIONS
MDI110	Modular discharge illuminator	8-color / DMX	150W	220 / 240V	L 300 x W 289 x H 150mm
Philips CDM-R ceramic metal halide reflector lamp fitted as a standard. Remote control available on request.					



Series 900 Modular Discharge Illuminator | Iluminador Modular de Descarga Serie 900



MDI900 SERIES

150W gas discharge illuminator IP43 for wet locations. With IR filter, forced ventilation and thermal cut-out fuse. 8-color. Casing in stainless steel. Key lock. For general lighting, pools, sidelight, chandeliers and very lofty star ceilings. With DMX 512 control.

Iluminador de descarga de 150W, IP 43 para exteriores con filtro de infrarrojo, ventilación forzada y fusible térmico. Para iluminación general, piscinas, guías de iluminación lateral, chandeliers y cielos estrellados a gran altura. Con control por protocolo DMX 512.

CODE	PRODUCT	TYPE	POWER	VOLTAGE	DIMENSIONS
MDI904	Discharge illuminator ARC 150 lamp	8-color / DMX	150W	220 / 240V	L 335 x W 328 x H 190mm
MDI914*	Discharge illuminator CDM / R lamp	8-color / DMX	150W	220 / 240V	L 335 x W 328 x H 190mm
Remote control and 110V operation available on request. * Philips CDM-R ceramic metal halide reflector lamp as a standard.					



Series 500 Modular Discharge Illuminator | Iluminador Modular de Descarga Serie 500

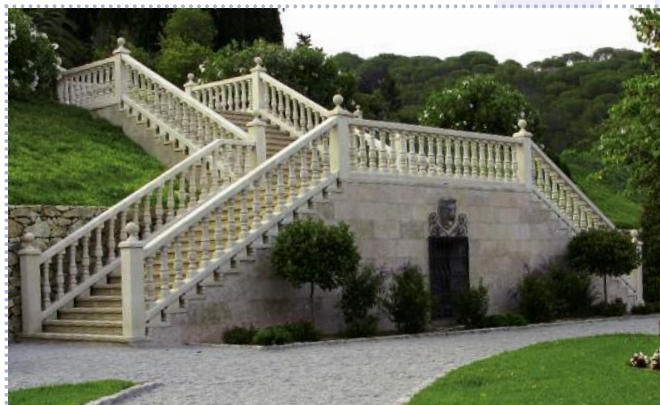


MDI500 SERIES

150W gas discharge illuminator, IP44 for wet location. With CMY color-mixing, DMX512, dimming, 2 real-time timers, light sensor, Can be controlled with MUM software (ACC802) or any DMX Controller. Millions of software-addressable colors.

Iluminador de descarga 150W, cambio de color CMY, DMX512, regulación, 2 temporizadores a tiempo real, sensor crepuscular e IP44. Control con aplicativo MUM (ACC802) o controladora DMX. Millones de colores controlados por software.

CODE	PRODUCT	TYPE	POWER	VOLTAGE	DIMENSIONS
MDI504	Modular discharge illuminator	CMY / DMX	150W	110 / 240V	L 398 x W 195 x H 197mm





## Animation LED Illuminator | Iluminador de Animación LED



ASI100 SERIES

Animation illuminator for miniature cosmic effects or starry skies. With Cree latest generation LED light sources. Optical port and driver included.

Iluminador de animación para efectos siderales o firmamentos en miniatura. Con fuente de luz LED Cree de última generación. Puerto óptico y fuente de alimentación incluida.

CODE	PRODUCT	TYPE	POWER	VOLTAGE	DIMENSIONS
ASI101	Animation LED illuminator	Animation	1,2W	220 / 240V	L 220 x W 144 x H 55mm
ASI102	Animation LED illuminator	Starry sky	1,2W	220 / 240V	L 220 x W 144 x H 55mm

Custom configurations available on request.

## LED Illuminator | Iluminador LED



SSI600 SERIES

Illuminator powered with 1,2W LED in a light alloy body. Accepts up to 200 x 1mm fibers. Power supply not included.

Iluminador con un LED de 1,2W en cuerpo de aleación ligera. Acepta hasta 200 fibras de 1mm. Fuente de alimentación no incluida.

SERIES	PRODUCT	TYPE	POWER	VOLTAGE	DIMENSIONS
SSI600	LED illuminator	Static	1,2W	350mA	L 100 x Ø32mm
SSI610	LED illuminator	Static	2W	700 / 1000mA	L 120 x Ø40mm
SSI620	LED illuminator	Static	3W	700 / 1000mA	L 120 x Ø40mm

Power supply (LOP111) must be ordered separately.



## High Power LED Illuminator | Iluminador LED de Alta Potencia



HSI100 SERIES

HSI200 SERIES

18 / 30W compact size LED illuminator in light alloy case with forced ventilation. Accepts up to 600 x 1mm fibers. Very low noise. Available in white light, fixed colors and RGB with sequential or DMX 512 control.

Iluminador de 18 / 30W compacto LED y alta potencia en alojamiento de aleación ligera con ventilación forzada. Acepta hasta 600 fibras de 1mm. Bajo nivel de ruido. Disponible en luz blanca, colores fijos y RGB con cambio secuencial o mediante protocolo DMX 512.

CODE	PRODUCT	TYPE	POWER	VOLTAGE	DIMENSIONS
HSI101*	High power LED illuminator	White 5500°K	18W	Driver	L 124 x W 72 x H 57mm
HSI201	High power LED illuminator	White 6000°K	30W	Driver	L 124 x W 72 x H 57mm
HSI102	High power LED illuminator	RGB	18W	Driver	L 124 x W 72 x H 57mm

Drivers and controls must be ordered separately. \* Available in 3200°K.



## High Power LED Illuminator IP67 | Iluminador LED de Alta Potencia IP67



HSI300 SERIES

State-of-the-art illuminator for extreme applications, outdoors or even underwater with a luminous flux equivalent to that of a 100W halogen lamp. Exceedingly long life for installations requiring minimal maintenance.

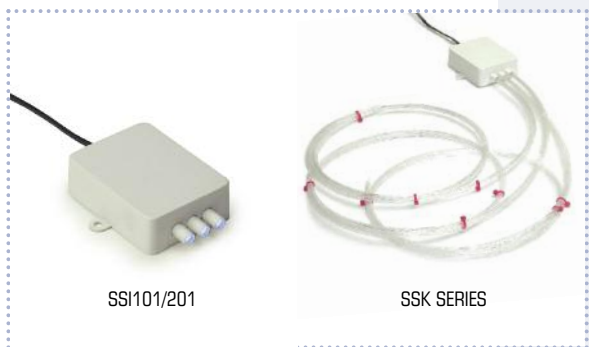
Iluminador de última generación para aplicaciones en condiciones extremas en exteriores o sumergidas, con un flujo lumínico equivalente a una lámpara halógena de 100W. Larga vida media de los LED para instalaciones donde el mantenimiento sea complejo.

CODE	PRODUCT	TYPE	POWER	VOLTAGE	DIMENSIONS
HSI301	High power LED illuminator IP68	White 5500°K	18W	Driver	L 210 x W 140 x H 75mm*
HSI302	High power LED illuminator IP68	RGB	18W	Driver	L 210 x W 140 x H 75mm*

Drivers and controls must be ordered separately. \* H 90mm with handle.



## Solid State Illuminator & Kits | Iluminador Estado Sólido y Kits



Solid state illuminator (12V) with 3 LEDs for small starry skies or decorative applications. SSK is supplied with pre-cut and assembled harnesses.

Iluminador de estado sólido SSI (12V) con 3 LED para pequeños cielos estrellados o aplicaciones decorativas. El SSK se entrega con mazos de fibra.

CODE	PRODUCT	TYPE	DIMENSIONS
SSI101	Solid state illuminator	Oscillating light	L 73mm x W 75mm x H 22mm
SSI201	Solid state illuminator	Static light	L 73mm x W 75mm x H 22mm

SSK kits manufactured to any length and compositions of fibers on request.



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