

Alari®

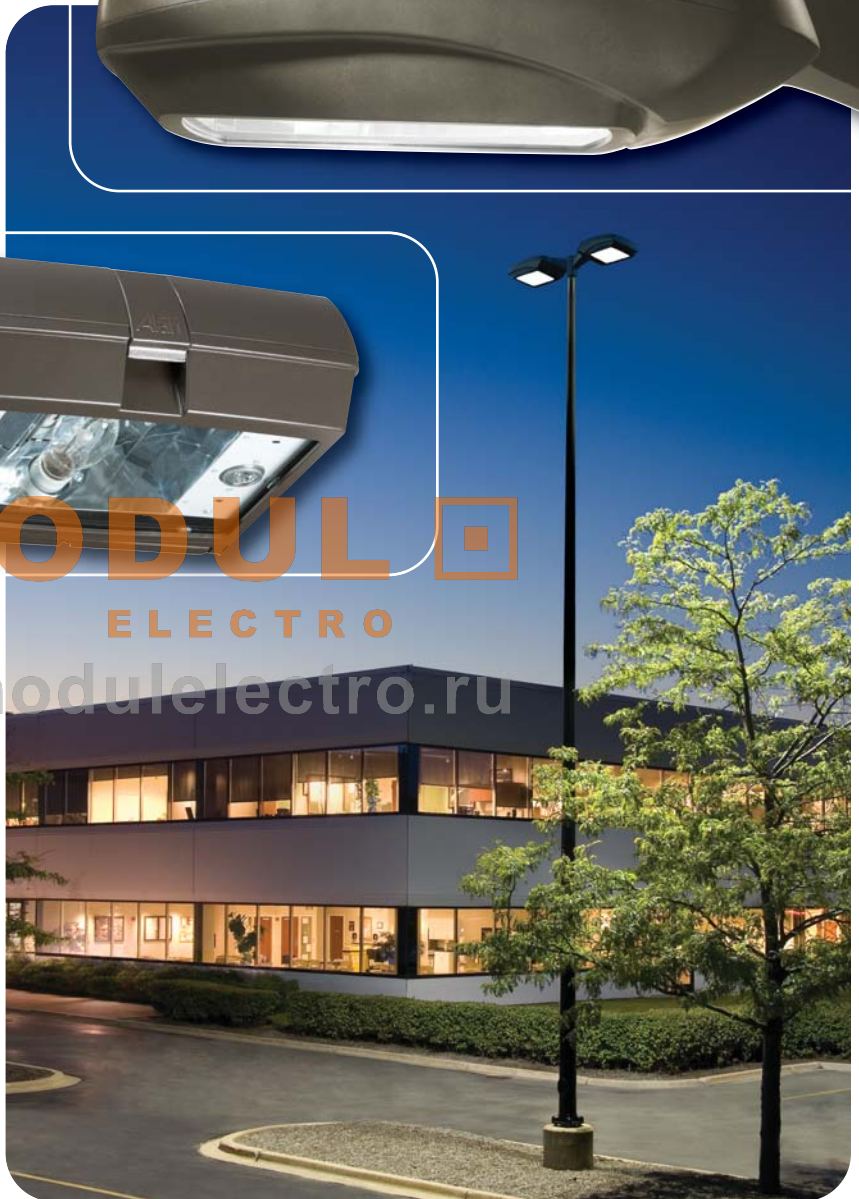
**AccuLite®**  
Commercial and Industrial Lighting

Architectural area lighting  
and building mounted  
luminaires



**MODULO**  
ELECTRO

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



JUNO LIGHTING GROUP  
by Schneider Electric

## The Ultimate in Outdoor Lighting

The ultimate in innovative lighting design, Alari® luminaires provide a graceful transition from ground to sky. While complementing architectural space and structure, the Alari family of products is designed to perform on many levels. Contained within these attractive luminaires is a highly efficient lighting package. With exceptional lighting performance and environmentally friendly optics, Alari fixtures meet even the most stringent Dark Sky ordinances. Alari challenges convention in the search for performance by creating a uniformly lit space with a minimum number of luminaires.





## Alari<sup>®</sup>+

Alari<sup>®</sup>+ offers outstanding photometric performance in a beautifully crafted area lighting fixture. Designed by state-of-the-art computer design programs and verified by independent laboratories, Alari+ excels in luminaire performance. With high mechanical strength Alari+ demonstrates exceptional value in wind tunnel and rain tests, and Alari+ has one of the lowest EPA's for a luminaire of this class. This premium luminaire is versatility personified, with rotatable optics in seven different beam spreads.

## Alari<sup>®</sup> MODUL<sup>®</sup> ELECTRO

Alari brings the styling and superior construction of Alari+ with fixed optics and electrical components. Photometric performance, while exceptional, is second only to Alari+.

## Alari<sup>®</sup> Wall Sconce

Alari Wall Sconce is a wall mounted performance luminaire that extends the design lines of the Alari area lights to the building mounted fixtures. Its high performance optics are designed to deliver even illumination in two different beam patterns while minimizing the overall number of installed fixtures.



# Alari<sup>+</sup>

# Alari<sup>®</sup>

# Alari<sup>®</sup>

WALL SCNCE

## Outstanding Performance

An innovative optical design combined with the highest quality reflector and lens materials defines Alari, a family of luminaires that can only be described as the ultimate in performance.

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## Innovative Styling

Conceived to complement the evolution of architecture, the Alari fixtures have timeless lines that shape a truly enduring design.

## Exceptional Beauty

The sweeping curves and elegant profile of the Alari products join luminaire, sky and earth. The elegance of Alari creates an environment that has a daytime appeal not normally found with luminaires of this kind.

- Graceful profiles
- Elegant styling
- Sleek lines
- Masterful design

 **MODUL**   
ELECTRO

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## Dark Sky Friendly Optics

The advanced optical system of the Alari family of products is designed to optimize the distribution and control of light. Environmentally sensitive and economically sensible, these superb luminaires offer the best value in the preservation of night time skies. The Alari products are approved by the International Dark Sky Association.



International Dark Sky Association "Seal of Approval" full cut-off optics

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## Environmentally Conscious Designs

Alari's computer designed forward throw optics are among the best performing optics in the market today, minimizing light pollution even without the use of house side shields. When looking for energy efficiency, Alari offers fixtures with up to 78% luminaire efficiency. In low wattage applications, Alari provides compact fluorescent alternatives that can deliver higher sustained lumens per watt and longer lamp life than comparable HID products.

  
www.modulelectro.ru







# Alari<sup>+</sup>, Alari<sup>®</sup> & Alari<sup>®</sup> WALL SCONCE



The Alari family of products is designed to perform at many levels. Optical performance and styling tell a partial story that is complete with the installation and maintenance friendly features that are built into every one of these luminaires.



International Dark Sky Association "Seal of Approval" full cut-off optics

## MODUL

### ELECTRO Alari<sup>+</sup> Alari<sup>®</sup> Alari<sup>®</sup> WALL SCONCE

#### Product Features

	Alari <sup>+</sup>	Alari <sup>®</sup>	Alari <sup>®</sup> WALL SCONCE
Die cast aluminum housing	✓	✓	✓
Tool-less entry	✓	✓	✓
High performance optics	✓	✓	✓
High efficiency reflector - Miro 4® w/ 95% reflectance	✓		✓
Rotatable optics	✓		
Tempered, heat resistant glass lens	✓	✓	✓
Optional high performance glass lens w/ 97% light transmission	✓		
Removable electric power tray	✓		
Optional electronic ballast	✓	✓	
Removable door assembly	✓	✓	
Easy two bolt key hole mounting	✓	✓	
Easy J-box mounting bracket			✓
Polyester powder coat finish	✓	✓	✓
Standard Bronze, White, Black, Silver	✓	✓	✓
Wide range of designer colors	✓		✓
<b>Certifications</b>			
UL and CSA Listed for Wet Location	✓	✓	✓
IEC Ingress Protection IP65	✓	✓	✓
Wind tunnel tested to 156 mph	✓	✓	
IDA Approved Full Cut-Off Optics	✓	✓	✓



# Alari+ & Alari



Precision engineered multi-faceted reflector design for precise light control

Softly rounded housing minimizes the wind profile for an extremely low EPA

Alari+ Power-tray mounted components swing away making installation fast and easy

Optics and ballast compartment features overlap gasket for superior weatherproofing, rated to IP65

Tool-less entry

Rigid box frame construction ensures the integrity of the optics and performance

**Advanced Optical Assembly Design**  
Alari+ uses a high reflectance optics material to achieve outstanding optics designs, plus an exciting new option, high transmission glass. Tests by independent laboratories validate the superior design and exceptional performance of Alari+.

**MODUL ELECTRO**

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Tool-less relamping with secure latch system

## FEATURES EXCLUSIVE TO Alari+

Alari+ has rotatable optics allowing the site designer flexibility to keep a symmetric appearance while aiming the luminaires for the best lighting performance.



Five distributions with horizontal lamp, plus two with base up lamps. Specify Alari+ with low wattage base up metal halide lamps and increase light output by up to 20% and extend lamp life up to 25%.

The best lighting uniformity available. Alari+ features precision mini reflectors behind the lamp to fully utilize the light that pools underneath ordinary fixtures.

### Alari+ Rotatable Optics

Optics may be rotated at the factory or in the field



Left Facing  
"-RL"



Standard  
no suffix



Right Facing  
"-RR"



**EPA & WEIGHT**

**Wall Mount**  
 A1: 28 lb.  
 AP1: 30 lb.  
 A2: 49 lb.  
 AP2: 52 lb.



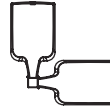
**Single Luminaire**  
 A1: EPA: 0.8 ft<sup>2</sup> 28 lb.  
 AP1: EPA: 0.8 ft<sup>2</sup> 30 lb.  
 A2: EPA: 1.2 ft<sup>2</sup> 49 lb.  
 AP2: EPA: 1.2 ft<sup>2</sup> 52 lb.



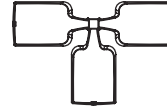
**2 Luminaires @ 180°**  
 A1: EPA: 1.6 ft<sup>2</sup> 56 lb.  
 AP1: EPA: 1.6 ft<sup>2</sup> 60 lb.  
 A2: EPA: 2.4 ft<sup>2</sup> 98 lb.  
 AP2: EPA: 2.4 ft<sup>2</sup> 104 lb.



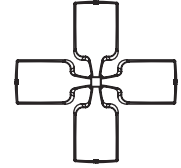
**2 Luminaires @ 90°**  
 A1: EPA: 1.6 ft<sup>2</sup> 56 lb.  
 AP1: EPA: 1.6 ft<sup>2</sup> 60 lb.  
 A2: EPA: 2.4 ft<sup>2</sup> 98 lb.  
 AP2: EPA: 2.4 ft<sup>2</sup> 104 lb.



**3 Luminaires @ 90°**  
 A1: EPA: 2.4 ft<sup>2</sup> 84 lb.  
 AP1: EPA: 2.4 ft<sup>2</sup> 90 lb.  
 A2: EPA: 3.6 ft<sup>2</sup> 147 lb.  
 AP2: EPA: 3.6 ft<sup>2</sup> 147 lb.

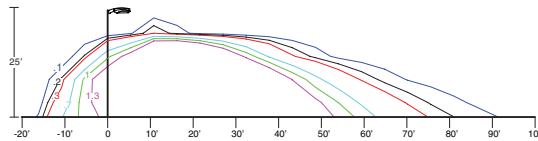


**4 Luminaires @ 90°**  
 A1: EPA: 3.2 ft<sup>2</sup> 112 lb.  
 AP1: EPA: 3.2 ft<sup>2</sup> 120 lb.  
 A2: EPA: 4.8 ft<sup>2</sup> 196 lb.  
 AP2: EPA: 4.8 ft<sup>2</sup> 208 lb.



**SUPERB LIGHT CONTROL**

Highly engineered, Alari+ optics meet the most stringent demands from Dark Sky to light trespass. The illustration below demonstrates full back light cut-off at approximately 2/3 pole height. Add an optional house side shield and even more dramatic results are achieved without compromising the Dark Sky characteristics of the luminaire.



**EMERGENCY BALLAST**

Compact fluorescent Alari and Alari+ are offered with an optional emergency ballast. Two models are available with operating temperatures of 0°C or -18°C.



**ELECTRONIC HID BALLAST**

Alari+ and Alari luminaires can be ordered with smart Electronic HID ballasts, dramatically improving lamp life and energy efficiency. AccuLite's electronic ballasts deliver more maintained lumens, longer lamp life, and higher energy efficiency when compared to conventional magnetic ballasts.

	AccuLite Electronic Ballast	Conventional Magnetic Ballast
Lamp Lumen Depreciation	10% loss at 24,000 hours	50% loss at 10,000 hours
Comparable Mean Lumens	320W pulse start Metal Halide w/ Electronic Ballast	400W pulse start Metal Halide w/ Magnetic Ballast
Effective Lamp Life	36,000 hours	18,000 hours
Ballast Efficiency	94%	88%

**VERTICAL METAL HALIDE LAMP PERFORMANCE**

Alari+ and Alari 200W vertical pulse start metal halide lamps offer an energy and maintenance saving alternative to 250W lamps.

	200W Pulse Start Vertical Lamp	250W Probe Start Horizontal Lamp	250W Pulse Start Horizontal Lamp
Initial	21,000 lumens	19,100 lumens	22,000 lumens
Mean	16,800 lumens	12,400 lumens	17,600 lumens
Life	15,000 hours	6,000 hours	12,000 hours





## ORDERING INFORMATION

Example: AP2-400PS-QT-3H-HT-SL

Series	Lamp Wattage / Type	Ballast	Distribution	Options	Color
AP2	-400PS	-QT	-3H	-HT	-SL
<b>Horizontal Lamp - Small Housing</b>					
AP1 Alari+ High Performance Optics	<b>Pulse Start Metal Halide</b> † 70PS, 100PS, 150PS - ED17  <b>Probe Start Metal Halide</b> § 175MH - BD17  <b>High Pressure Sodium</b> 70HP, 100HP, 150HP - B17  <b>Compact Fluorescent</b> CFTR(watts)W/GX24Q 126CF, 132CF, 142CF, 157CF, 170CF - One Lamp  226CF, 232CF, 242CF - Two Lamps (Not available with FT Optics)	<b>H.I.D. - Magnetic</b>  - QT‡ - Quad Tap 120V, 208V, 240V, 277V  - TT - Tri Tap 120V, 277V, 347V  - 480‡ - 480V  <b>H.I.D.- Electronic</b> Available Lamps 250PS, 320PS - U27- 200/277V**  <b>** Not suitable for ambient temperatures above 95° F</b>	<b>Horizontal Lamp</b>  Rotatable Optical Systems 95% reflectance  - 2H - IES Type II - 3H - IES Type III - 5H - IES Type V (Square) - FT - Forward Throw  <b>FT Not available with 2 lamp CFL</b>	<b>Options</b> - See below	No Suffix Bronze - BL Black - SL Silver - WH White  <b>Designer Colors</b> Consult Factory
<b>Vertical Lamp - Medium Housing</b>					
AP2 Alari+ High Performance Optics	<b>Pulse Start Metal Halide</b> † 70PS, 100PS, 150PS, (E) 175PS, 200PS - ED17  <b>Probe Start Metal Halide</b> § 175MH - BD17  <b>High Pressure Sodium</b> 70HP, 100HP, 150HP - E17	<b>CF - Electronic</b> CF: 26W - 70W - E12 - 120V - E27 - 277V - E34 - 347V - UN - 120/277V	<b>Vertical Lamp</b>  Rotatable Optical System 95% reflectance Max. 200W medium base  <b>AP2 Series only</b> - AV - Asymmetrical - SV - Square	† Metal halide lamps EISA - pulse start MH, 150W wet location luminaires are EISA exempt.  (E) EISA: Pulse start metal halide 175W-400W meet energy independence and security act (EISA) requirements.  § Items are only available outside the United States, probe start metal halide does not meet EISA requirements.  ‡ Lamp socket protector required in Canada when using 208V, 240V & 480V - Add suffix "-LSP".	
<b>Horizontal Lamp - Medium Housing</b>					
AP2 Alari+ High Performance Optics	<b>Pulse Start Metal Halide</b> † 150PS, (E) 200PS, 250PS (E) 320PS, 350PS, 400PS - ED28  <b>Probe Start Metal Halide</b> § 175MH, 250MH, 400MH - ED28  <b>High Pressure Sodium</b> 150HP - ED23.5 200HP, 250HP, 400HP - ED18		<b>Horizontal Lamp</b>  Rotatable Optical Systems 95% reflectance <b>AP2 Series only</b> - 2H - IES Type II - 3H - IES Type III - 4H - IES Type IV - 5H - IES Type V (Square) - FT - Forward Throw		

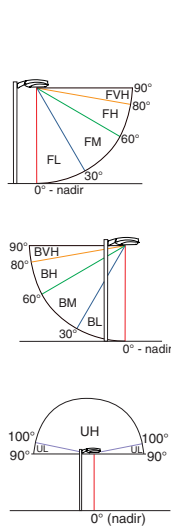
## OPTIONS Factory Installed

Available with Alari+	Suffix	Available with Alari+	Suffix
<b>Rotate Optics</b>		<b>Internal House Side Shield</b>	
Left facing	- RL	For Forward Throw	
Right facing	- RR	(distribution suffix "FT")	- SH
<b>High Transmission Glass Lens</b>	- HT	For back light cut-off only	
Lens permits 98% light transmission		For other distributions	
<b>Lamp</b> Clear HID lamp (Recommended)	- L	use external shield	See Accessories
Coated HID lamp	- CL	<b>Terminal Block &amp; Ground Lug</b>	- TB
Compact Fluorescent	By Others	Indicate line voltage	
<b>Photocontrol</b>		<b>Fuse Holder</b> Supplied with fuse	
Replace voltage suffix "-QT", "-TT" and		Replace voltage suffix "-QT"	
"-UN" with line voltage suffix		and "-TT" with line voltage	
("-QT" & "-TT" Max. 347V, "-UN" Max. 277V) - PC		Single pole - Line to neutral	- F1
<b>Quartz Auxiliary with Delay</b>		Two pole - Line to line	- F2
Double contact bayonet base	- Q	<b>Color</b> Bronze, standard	No Suffix
Quartz lamp not included		Black	- BL
<b>Emergency Ballast</b>		Silver	- SL
Compact fluorescent -120V & 277V only		White	- WH
Operates one 26W, 32W, or 42W lamp		Designer Colors	Consult Factory
Replace voltage suffix "-UN"		Additional Options Available	Consult Factory
with line voltage			
Min. operating temperature, 0°C/32°F	- EMB		
Min. operating temperature, -20°C/-4°F	- EMX		

## ACCESSORIES Ordered and Shipped Separately

Description		Catalog #
<b>Wall Mount Bracket</b>	Bronze	A-WMB-BZ
	Black	A-WMB-BL
	White	A-WMB-WH
<b>Round Pole Adapter</b> Fits 3" to 4" pole	Bronze	A-RPA34-BZ
	Black	A-RPA34-BL
	White	A-RPA34-WH
Fits 5" to 6" pole	Bronze	A-RPA56-BZ
	Black	A-RPA56-BL
	White	A-RPA56-WH
<b>Post Top Fitter</b> Fits 2" and 2 1/2" tenons (2 3/8" and 2 7/8" dia)	Bronze	A-PTF-BZ
	Black	A-PTF-BL
	White	A-PTF-WH
<b>House Side Shield</b> External Shield Fits A1 & AP1 Series		A1-HSS
		A2-HSS
Fits A2 & AP2 Series Not available for Forward Throw distribution (See Options)		
<b>Polycarbonate Guard</b> Fits A1 & AP1 Series		A1-LS
		A2-LS
Fits A2 & AP2 Series		

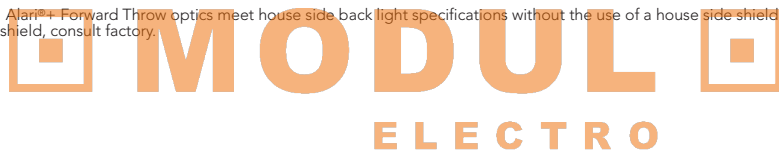
# Alari+ FIXTURE PERFORMANCE (IESNA TM-15-07)



		AP1 - Small Housing			
Optical Assembly		2H	3H	5H	FT*
Lamp		175MHO	175MH	175MHO	175MH
Lamp Lumens		12,800	12,800	12,800	12,800
<b>Forward Light</b>					
Luminaire Lumens		5,817	6,318	5,047	6,067
% Lamp Lumens		45.4%	49.4%	39.4%	47.4%
Low	FL (0° - 30°)	5.8%	5.9%	5.2%	6.7%
Mid	FM (30° - 60°)	23.5%	23.9%	20.9%	23.2%
High	FH (60° - 80°)	15.9%	19.4%	13.1%	17.5%
Very High	FVH (80° - 90°)	0.3%	0.2%	0.2%	0.0%
<b>Back Light</b>					
Luminaire Lumens		3,693	3,042	4,775	797
% Lamp Lumens		28.8%	23.8%	37.3%	6.2%
Low	BL (0° - 30°)	5.4%	5.7%	5.5%	3.5%
Mid	BM (30° - 60°)	17.4%	15.1%	21.9%	2.5%
High	BH (60° - 80°)	5.9%	3.0%	9.7%	0.2%
Very High	BVH (80° - 90°)	0.1%	0.0%	0.2%	0.0%
<b>Up Light</b>					
Luminaire Lumens		0	0	0	0
% Lamp Lumens		0	0	0	0
Low	UL (90° - 100°)	0	0	0	0
High	UH (100° - 180°)	0	0	0	0
<b>Trapped Light</b>					
Luminaire Lumens		3,291	3,439	2,979	5,936
% Lamp Lumens		25.7%	26.9%	23.3%	46.4%

		AP2 - Medium Housing						
Optical Assembly		2H	3H	4H	5H	FT*	AV	SV
Lamp		400PS	400PS	400PS	400PS	400PS	175PS	175PS
Lamp Lumens		40,000	40,000	40,000	40,000	40,000	17,500	17,500
<b>Forward Light</b>								
Luminaire Lumens		19,510	20,100	20,639	15,051	18,012	6,884	6,337
% Lamp Lumens		48.8%	50.3%	51.6%	37.6%	45.0%	39.3%	36.2%
Low	FL (0° - 30°)	6.1%	6.2%	5.9%	4.9%	6.5%	4.5%	3.9%
Mid	FM (30° - 60°)	25.9%	25.8%	26.7%	20.0%	22.0%	20.1%	18.0%
High	FH (60° - 80°)	16.4%	17.9%	18.9%	12.5%	16.5%	14.3%	13.9%
Very High	FVH (80° - 90°)	0.4%	0.3%	0.1%	0.3%	0.1%	0.5%	0.4%
<b>Back Light</b>								
Luminaire Lumens		10,430	9,556	10,816	14,466	2,539	5,560	6,377
% Lamp Lumens		26.1%	23.9%	27.0%	36.2%	6.3%	31.8%	36.4%
Low	BL (0° - 30°)	5.8%	5.9%	5.9%	5.0%	3.5%	5.1%	3.9%
Mid	BM (30° - 60°)	15.3%	14.3%	15.7%	19.0%	2.7%	18.0%	18.0%
High	BH (60° - 80°)	4.8%	3.6%	5.3%	11.9%	0.2%	8.5%	14.1%
Very High	BVH (80° - 90°)	0.2%	0.1%	0.1%	0.3%	0.0%	0.1%	0.4%
<b>Up Light</b>								
Luminaire Lumens		0	0	0	0	0	0	0
% Lamp Lumens		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Low	UL (90° - 100°)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
High	UH (100° - 180°)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Trapped Light</b>								
Luminaire Lumens		10,060	10,344	8,545	10,483	19,448	5,056	4,786
% Lamp Lumens		25.2%	25.9%	21.4%	26.2%	48.6%	28.9%	27.4%

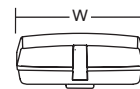
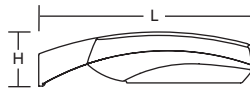
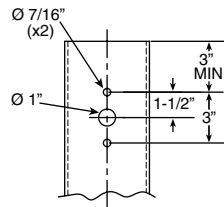
\* For most applications, the Alari+ Forward Throw optics meet house side back light specifications without the use of a house side shield. For data with a house side shield, consult factory.



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

	EPA	L	W	H	M	Weight
AP1 Series	0.8 ft <sup>2</sup>	23"	14"	5 7/8"	3"	30 lb.
AP2 Series	1.2 ft <sup>2</sup>	32"	18 5/8"	7 9/16"	3"	52 lb.

### Pole Drilling Pattern







## ORDERING INFORMATION

Example: **A2-400PS-QT-3H-PC-SL**

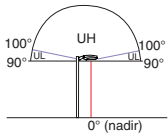
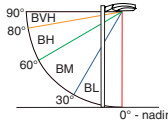
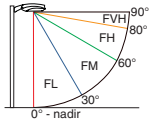
Series	Lamp Wattage / Type	Ballast	Distribution	Options	Color
<b>A2</b>	<b>-400PS</b>	<b>-QT</b>	<b>-3H</b>	<b>-PC</b>	<b>-SL</b>
<b>Horizontal Lamp - Small Housing</b>			<b>Horizontal Lamp</b>		No Suffix Bronze
A1 Alari	<b>Pulse Start Metal Halide †</b> 70PS, 100PS, 150PS, - ED17  <b>Probe Start Metal Halide</b> § 175MH - BD17  <b>High Pressure Sodium</b> 70HP, 100HP, 150HP - B17  <b>Compact Fluorescent</b> CFTR(watts)W/GX24Q 126CF, 132CF, 142CF, 157CF, 170CF - One Lamp  226CF, 232CF, 242CF - Two Lamps - Not available with FT optics	<b>H.I.D. - Magnetic</b> - QT‡ - Quad Tap 120V, 208V, 240V, 277V  - TT - Tri Tap 120V, 277V, 347V  - 480‡ - 480V  <b>H.I.D. - Electronic</b> Available Lamps 250PS, 320PS - U27- 200/277V**  <b>** Not suitable for ambient temperatures above 95° F</b>	- 2H - IES Type II - 3H - IES Type III - 5H - IES Type V (Square) - FT - Forward Throw <b>FT - Not available with 2 lamp CF</b>	<b>Options</b> - See below	- BL Black - SL Silver - WH White  <b>Designer Colors</b> Consult Factory
<b>Vertical Lamp - Medium Housing</b>			<b>Vertical Lamp</b>		
A2 Alari	<b>Pulse Start Metal Halide †</b> 70PS, 100PS, 150PS, © 175PS, 200PS - ED17  <b>Probe Start Metal Halide</b> § 175MH - BD17  <b>High Pressure Sodium</b> 70HP, 100HP, 150HP - E17	<b>CF - Electronic</b> CF: 26W - 70W - E12 - 120V - E27 - 277V - E34 - 347V  - UN - 120/277V	Max. 200W medium base  <b>A2 Series only</b> - AV - Asymmetrical - SV - Square	<b>† Metal halide lamps EISA - pulse start MH:</b> 150W wet location luminaires are EISA exempt.  <b>© EISA:</b> Pulse start metal halide 175W-400W meet energy independence and security act (EISA) requirements.	
<b>Horizontal Lamp - Medium Housing</b>			<b>Horizontal Lamp</b>		
A2 Alari	<b>Pulse Start Metal Halide †</b> 150PS, © 200PS, 250PS © 320PS, 350PS, 400PS - ED28  <b>Probe Start Metal Halide</b> § 175MH, 250MH, 400MH - ED28  <b>High Pressure Sodium</b> 150HP - ED23.5 200HP, 250HP, 400HP - ED18		<b>A2 Series only</b> - 2H - IES Type II - 3H - IES Type III - 4H - IES Type IV - 5H - IES Type V (Square) - FT - Forward Throw	<b>§ Items are only available outside the United States,</b> probe start metal halide does not meet EISA requirements.  <b>† Lamp socket protector</b> required in Canada when using 208V, 240V & 480V - Add suffix "-LSP".	

## OPTIONS Factory Installed

Available with Alari	Suffix	Available with Alari	Suffix
<b>Lamp</b>		<b>Internal House Side Shield</b>	
Clear HID lamp (Recommended)	- L	For Forward Throw	
Coated HID lamp	- CL	(distribution suffix "FT")	- SH
Compact Fluorescent	By Others	For back light cut-off only	
<b>Photocontrol</b>		For other distributions	
Replace voltage suffix "-QT", "-TT" and		use external shield	See Accessories
"-UN" with line voltage suffix		<b>Terminal Block &amp; Ground Lug</b>	- TB
("-QT" & "-TT" Max. 347V, "-UN" Max. 277V) - PC		Indicate line voltage	
<b>Quartz Auxiliary with Delay</b>		<b>Fuse Holder</b> Supplied with fuse	
Double contact bayonet base	- Q	Replace voltage suffix "-QT"	
Quartz lamp not included		and "-TT" with line voltage	
<b>Emergency Ballast</b>		Single pole - Line to neutral	- F1
Compact fluorescent -120V & 277V only		Two pole - Line to line	- F2
Operates one 26W, 32W, or 42W lamp		<b>Color</b> Bronze, standard	No Suffix
		Black	- BL
Replace voltage suffix "-UN"		Silver	- SL
with line voltage		White	- WH
Min. operating temperature, 0°C/32°F	- EMB	Additional Options Available	Consult
Min. operating temperature, -20°C/-4°F	- EMX		Factory

## ACCESSORIES Ordered and Shipped Separately

Description		Catalog #
<b>Wall Mount Bracket</b>	Bronze Black White	A-WMB-BZ A-WMB-BL A-WMB-WH
<b>Round Pole Adapter</b>		
Fits 3" to 4" pole	Bronze Black White	A-RPA34-BZ A-RPA34-BL A-RPA34-WH
Fits 5" to 6" pole	Bronze Black White	A-RPA56-BZ A-RPA56-BL A-RPA56-WH
<b>Post Top Fitter</b>		
Fits 2" and 2 1/2" tenons	Bronze Black White	A-PTF-BZ A-PTF-BL A-PTF-WH
(2 3/8" and 2 7/8" dia)		
<b>House Side Shield External Shield</b>		
Fits A1 & AP1 Series		A1-HSS
Fits A2 & AP2 Series		A2-HSS
Not available for Forward Throw distribution (See Options)		
<b>Polycarbonate Guard</b>		
Fits A1 & AP1 Series		A1-L5
Fits A2 & AP2 Series		A2-L5



		A1 - Small Housing			
		2H	3H	5H	FT*
Optical Assembly		175MHO	175MH	175MHO	175MH
Lamp		12,800	12,800	12,800	12,800
Lamp Lumens					
<b>Forward Light</b>					
Luminaire Lumens		5,293	5749.7	4592.6	5520.9
% Lamp Lumens		41.4%	44.9%	35.9%	43.1%
Low	FL (0° - 30°)	5.3%	5.3%	4.8%	6.1%
Mid	FM (30° - 60°)	21.4%	21.7%	19.0%	21.1%
High	FH (60° - 80°)	14.5%	17.7%	12.0%	15.9%
Very High	FVH (80° - 90°)	0.2%	0.2%	0.2%	0.0%
<b>Back Light</b>					
Luminaire Lumens		3,360	2,769	4,345	725
% Lamp Lumens		26.3%	21.6%	33.9%	5.7%
Low	BL (0° - 30°)	4.9%	5.2%	5.0%	3.2%
Mid	BM (30° - 60°)	15.8%	13.7%	19.9%	2.3%
High	BH (60° - 80°)	5.4%	2.8%	8.9%	0.2%
Very High	BVH (80° - 90°)	0.1%	0.0%	0.2%	0.0%
<b>Up Light</b>					
Luminaire Lumens		0	0	0	0
% Lamp Lumens		0.0%	0.0%	0.0%	0.0%
Low	UL (90° - 100°)	0.0%	0.0%	0.0%	0.0%
High	UH (100° - 180°)	0.0%	0.0%	0.0%	0.0%
<b>Trapped Light</b>					
Luminaire Lumens		4,147	4,282	3,863	6,554
% Lamp Lumens		32.4%	33.5%	30.2%	51.2%

		A2 - Medium Housing						
		2H	3H	4H	5H	FT*	AV	SV
Lamp		400PS	400PS	400PS	400PS	400PS	175PS	175PS
Lamp Lumens		40,000	40,000	40,000	40,000	40,000	17,500	17,500
<b>Forward Light</b>								
Luminaire Lumens		17,789	18,291	18,780	13,697	16,391	6,265	5,766
% Lamp Lumens		44.5%	45.7%	47.0%	34.2%	41.0%	35.8%	33.0%
Low		5.8%	5.7%	5.4%	4.4%	5.9%	4.1%	3.5%
Mid		23.6%	23.5%	24.2%	18.2%	20.0%	18.3%	16.4%
High		14.7%	16.3%	17.2%	11.4%	15.0%	13.0%	12.7%
Very High		0.4%	0.2%	0.1%	0.3%	0.1%	0.4%	0.3%
<b>Back Light</b>								
Luminaire Lumens		9,790	8,696	9,842	13,164	2,311	5,060	5,803
% Lamp Lumens		24.5%	21.7%	24.6%	32.9%	5.8%	28.9%	33.2%
Low		5.6%	5.3%	5.4%	4.6%	3.1%	4.7%	3.5
Mid		14.4%	13.0%	14.3%	17.3%	2.4%	16.4%	16.4%
High		4.4%	3.2%	4.8%	10.8%	0.2%	7.8%	12.9%
Very High		0.1%	0.1%	0.1%	0.3%	0.0%	0.1%	0.4%
<b>Up Light</b>								
Luminaire Lumens		0	0	0	0	0	0	0
% Lamp Lumens		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Low		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
High		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Trapped Light</b>								
Luminaire Lumens		12,421	13,013	11,378	13,140	21,298	6,176	5,931
% Lamp Lumens		31.1%	32.5%	28.4%	32.8%	53.2%	35.3%	33.9%

\* For most applications, the Alari® Forward Throw optics meet house side back light specifications without the use of a house side shield. For data with a house side shield, consult factory.

# MODULO

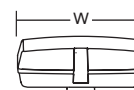
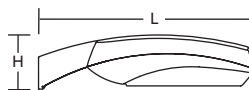
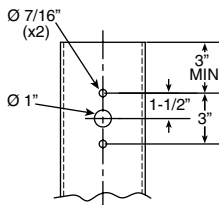
## ELECTRO

### DIMENSIONS

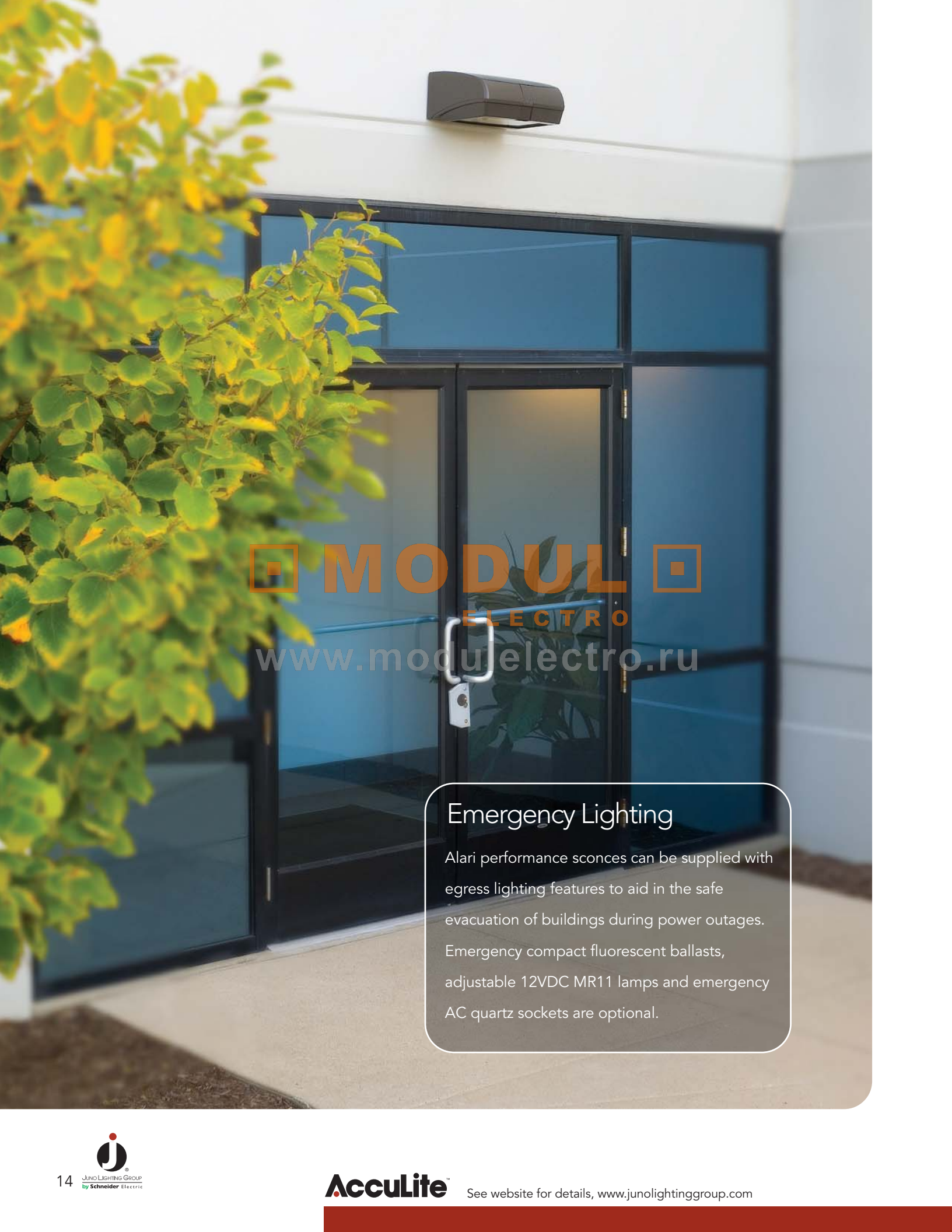
	EPA	L	W	H	M	Weight
A1 Series	0.8 ft <sup>2</sup>	23"	14"	5 7/8"	3"	28 lb.
A2 Series	1.2 ft <sup>2</sup>	32"	18 5/8"	7 9/16"	3"	49 lb.

www.modulselectro.ru

#### Pole Drilling Pattern







**MODUL**  
ELECTRO  
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## Emergency Lighting

Alari performance sconces can be supplied with egress lighting features to aid in the safe evacuation of buildings during power outages. Emergency compact fluorescent ballasts, adjustable 12VDC MR11 lamps and emergency AC quartz sockets are optional.

# Alari<sup>®</sup>

WALL SCONCE



Replicating the elegant lines of the Alari area lights, the Alari Wall Sconce delivers design continuity without sacrificing performance. Its highly efficient optics distribute light evenly and exactly where needed.

## MODULO ELECTRO

Tool-less access to the lamp and electrical compartments with a secure latch system.

Three piece die cast aluminum housing can accommodate up to 175W HID lamps or two 42W CFL lamps.

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

Emergency lighting options.



Hinged door and lens assembly with full gasket prevents dust or moisture from entering the optical chamber.

A safety stop keeps the lens door from hitting the building during maintenance.

Computer engineered optics constructed with multifaceted 95% reflective material. Available in forward throw and wide throw distributions.





**ORDERING INFORMATION**

Example: **AW-150PS-277-WT-L-PC-WH**

Series	Lamp Wattage / Type	Ballast	Beam Spread	Options
<b>AW</b>	<b>150PS</b>	<b>-QT</b>	<b>-WT</b>	<b>-L -PC -WH</b>
<b>AW</b> Alari® Wall Sconce	<b>Pulse Start Metal Halide †</b> Medium base <b>50PS, 70PS ED17</b> <b>100PS, 150PS ED17</b> <b>Probe Start Metal Halide</b> Medium base <b>§ 175MH BD17</b> <b>High Pressure Sodium</b> Medium base <b>35HP, 50HP, 70HP B17</b> <b>100HP, 150HP B17</b> <b>Compact Fluorescent</b> One Lamp, GX24Q Base <b>126CF, 132CF, 142CF</b> Two Lamps, GX24Q Base <b>226CF, 232CF, 242CF</b>	<b>MAGNETIC BALLAST</b> 35W & 50W HPS lamps <b>-120 120V</b> <b>-277 277V</b>  50W thru 150PS, 175W MHO, 70W thru 150W HPS <b>-QT ‡ -Quad Tap</b> 120V, 208V, 240V, 277V <b>-TT -Tri Tap</b> 120V, 277V, 347V  100W thru 175W lamps <b>-480 ‡ 480W</b>	<b>-WT</b> Wide Throw <b>-FT</b> Forward Throw	See option table below
		<b>ELECTRONIC BALLAST</b> 26W thru 2x42W CFL <b>-UN -120V/277V</b> <b>-E12 120V</b> <b>-E27 277V</b> <b>-E34 347V</b>		† Metal halide lamps EISA - pulse start MH; 150W wet location luminaires are EISA exempt. § Items are only available outside the United States, probe start metal halide does not meet EISA requirements. ‡ Lamp socket protector required in Canada when using 208V, 240V & 480V - Add suffix "-LSP".

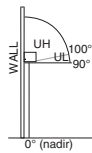
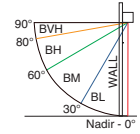
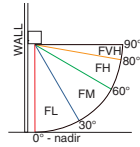


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**OPTIONS** Factory Installed

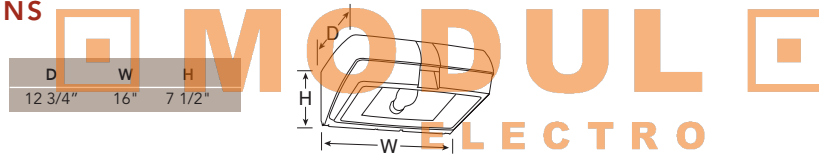
Available with Alari Wall Sconce	Suffix	Available with Alari Wall Sconce	Suffix
<b>Lamp</b> Clear H.I.D. Coated H.I.D. Compact Fluorescent	- L - CL By others	<b>Emergency Circuit, 120V Quartz Lamp</b> For use with HID & CFL luminaires Quartz lamp not included	
<b>Photocontrol</b> Replace "-QT", "-TT" & "-UN" with the line voltage suffix (Max 347V)	- PC	Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W - 100W use 100W quartz lamp.	
<b>Emergency Ballast, Dual Function Lamp</b> Specify line voltage, Available 120V (-E12) or 277V (-E27) For use with one or two CFL lamps.  The CF lamp(s) operate off the CF ballast, the lamp selected for dual function also operates off the emergency ballast.		Socket only, for external 120V emergency power supply	- ES
<b>Emergency Ballast, Dedicated Emergency Lamp</b> Specify line voltage, 120V or 277V For use with two CFL lamps  One lamp operates off the CF ballast and is dedicated to general lighting, the second lamp is dedicated to emergency lighting and operates off the emergency ballast.	- EMB - EMX	<b>Emergency Circuit, 12V MR11 Halogen Lamp</b> For use with HID & CFL luminaires MR11 lamp(s) included  Field aimable 2 pin G4 base MR11 lamp 35W lamp(s) supplied, requires external 12VDC supply	- DC12 - 2DC12
Minimum 0°C (32°F) Minimum -18°C (0°F)		With one MR11 lamp With two MR11 lamps	
	- EMBD - EMXD		

OPTIONS, Continued next page



Optical Assembly		Wide Throw	Forward Throw
Lamp		150PS	150PS
Lamp Lumens		12,000	12,000
<b>Forward Light</b>			
Luminaire Lumens		3,996	4,788
% Lamp Lumens		33.3%	39.9%
Low	FL (0° - 30°)	6.1%	6.3%
Mid	FM (30° - 60°)	16.8%	24.3%
High	FH (60° - 80°)	10.3%	9.3%
Very High	FVH (80° - 90°)	0.1%	0.0%
<b>Back Light</b>			
Luminaire Lumens		3,864	3,192
% Lamp Lumens		33.2%	26.6%
Low	BL (0° - 30°)	6.3%	6.0%
Mid	BM (30° - 60°)	16.1%	14.7%
High	BH (60° - 80°)	9.6%	5.8%
Very High	BVH (80° - 90°)	0.2%	0.1%
<b>Up Light</b>			
Luminaire Lumens		0	0
% Lamp Lumens		0.0%	0.0%
Low	UL (90° - 100°)	0.0%	0.0%
High	UH (100° - 180°)	0.0%	0.0%
<b>Trapped Light</b>			
Luminaire Lumens		4,140	4,020
% Lamp Lumens		34.5%	33.5%

**DIMENSIONS**



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**OPTIONS, Continued** Factory Installed

Available with Alari Wall Sconce	Suffix
<b>Auxiliary Quartz Lighting</b> Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W thru 100W use 100W quartz lamp. Quartz lamp not included.	
<b>For use with HID luminaires</b> Quartz Restrike with delay Hot Restrike only	- Q - HQ
<b>Color</b> Bronze (Standard) Black White Silver	No suffix -BL -WH -SL

**ACCESSORIES** Ordered and Shipped Separately

Description	Catalog #
Polycarbonate Guard	AW-PG
Wire Guard	AW-WG
Side Shield	AW-SS





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Printed in the U.S.A. LIT-ACCU-ALARI Rev. 10/09