

XPA

EXPLOSION-PROOF
LIGHTS FOR MARINE
AND HAZARDOUS
APPLICATIONS



The XPA Series LED luminaire is the ideal choice for marine and hazardous applications. They can be used in locations where moisture, dirt, dust, corrosion and vibration may be present, or areas where wind, water, snow or high ambient can be expected.

CONSTRUCTION: Die-cast aluminum Tempered glass is standard.

BEAM ANGLE: All units are available in 40, 60, 90 and 120 degrees. 120 degrees is standard.

ELECTRICAL SYSTEM: High luminous efficacy - Up to 140 lumens per watt, and 0-10V dimming is standard. LED lumen Maintenance: L70> 150,000 Operation Hours @ 55°C. CRI 70, and 5000K CCT. Power factor >0.95. Input voltage: 100-277/200-480VAC

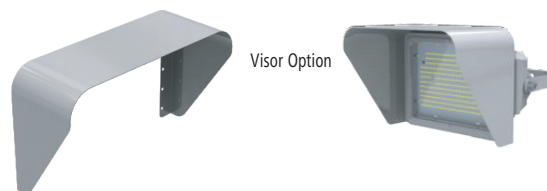
LISTINGS: Approved to CSA, ETL AND UL standards. ATEX Standard: II 3G Ex ec IIC T6-T3 and Gc II 2D, Ex tb IIIC T85, T103, Db IECEx Standard: Ex ec IIC T6, T3 Gc Ex tb IIIC T85°C-T100°C Dbm Zone 2, 21, 22 CB (Ref. Certif. No.: DE 2-038462-M1), NSF, UL 844 Hazardous Locations, Class I Division 2, Group A, B, C, D Class II Division 1, Group E, F, G Class II Division 2, Group F, G Class III, Class I, Zone 2, Group IIC, Class II, Zone 21, Group IIIC, UL 1598 Wet Locations, UL 1598A Marine Outside Type, UL 924 Emergency Lighting ETL (ATM for Report 105342415DAL-001), ABS, NSF, IP66, IK08, 1000 hours salt spray, IK10 (with wire guard), and tested to 1000 hours salt spray.

OPERATING TEMPERATURES: XPA-1: 40°C to +40°C (-40°F to +104°F), XPA-2: 40°C to +50°C (-40°F to +122°F), XPA-3: -40°C to +40°C (-40°F to +104°F), XPA-4 (max 300W): -40°C to +55°C (-40°F to +131°F), XPA-4 (400W): -40°C to +40°C (-40°F to +104°F)

MOUNTING: Can be mounted in a variety of ways.

WARRANTY: 5-Year Limited Warranty. Complete warranty and terms located at www.aelnow.com/warranty.

Ordering info on Next Page ►



ORDERING INFORMATION:

Example: XPA-1-4-250-50-N-60-HM

SERIES	BODY	WATTAGE	CCT	DIMMING	BEAM ANGLE	OPTIONS		
XPA	1	60 60W	50 5000K Factory Preset	Y Yes N No	Blank 120° (Standard)	LGC Long glass cover (2)	WM25 25° Wall mounting kit with junction box	
		80 80W				WG Wire Guard (3)		
		100 100W				CWM Ceiling / Wall Mounting Kit		
	2	20 20W	User selectable CCT order via special order (4)		60 60° (4)	SA90 Stanchion Arm, 90 degrees, for junction box mounting	PMV Pole Mounting, Vertical	
		40 40W			90 90° (4)	SA25 Stanchion Arm, 25 degrees, for junction box mounting	PM Pole Mounting Kit, non-vertical	
	3	150 150W			HM Hook mounting kit	TM Trunnion Mounting Kit		
		180 180W			WM90 90° Wall mounting kit with junction box	EMB Emergency battery (90 minutes) (1)		
		200 200W				VS Visor		
	4	250 250W						
		300 300W						

SEE LAST PAGE FOR KIT EXAMPLES

NOTES: (1) Only available on XPA-3 and XPA-4. (2) Required for IK8. (3) Required for IK10 rating. (4) Special Order only. In-stock lights are preset at 5000k CCT and not user adjustable. Special order lights have a 90-day lead time and have user selectable CCT and wattage. Most special orders require an order of 50 or more units.

LUMEN CHART

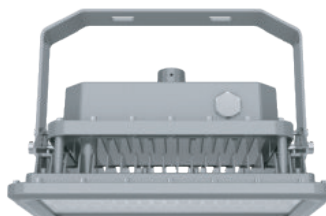
XPA-1	8,400 Lumens (60W)	11,200 Lumens (80W)	14,000 Lumens (100W)			
XPA-2	2,800 Lumens (20W)	5,600 Lumens (40W)				
XPA-3	21,000 Lumens (150W)	25,200 Lumens (180W)	28,000 Lumens (200W)			
XPA-4	35,000 Lumens (250W)	42,000 Lumens (300W)				



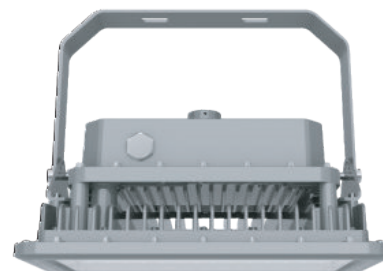
XPA-1



XPA-2



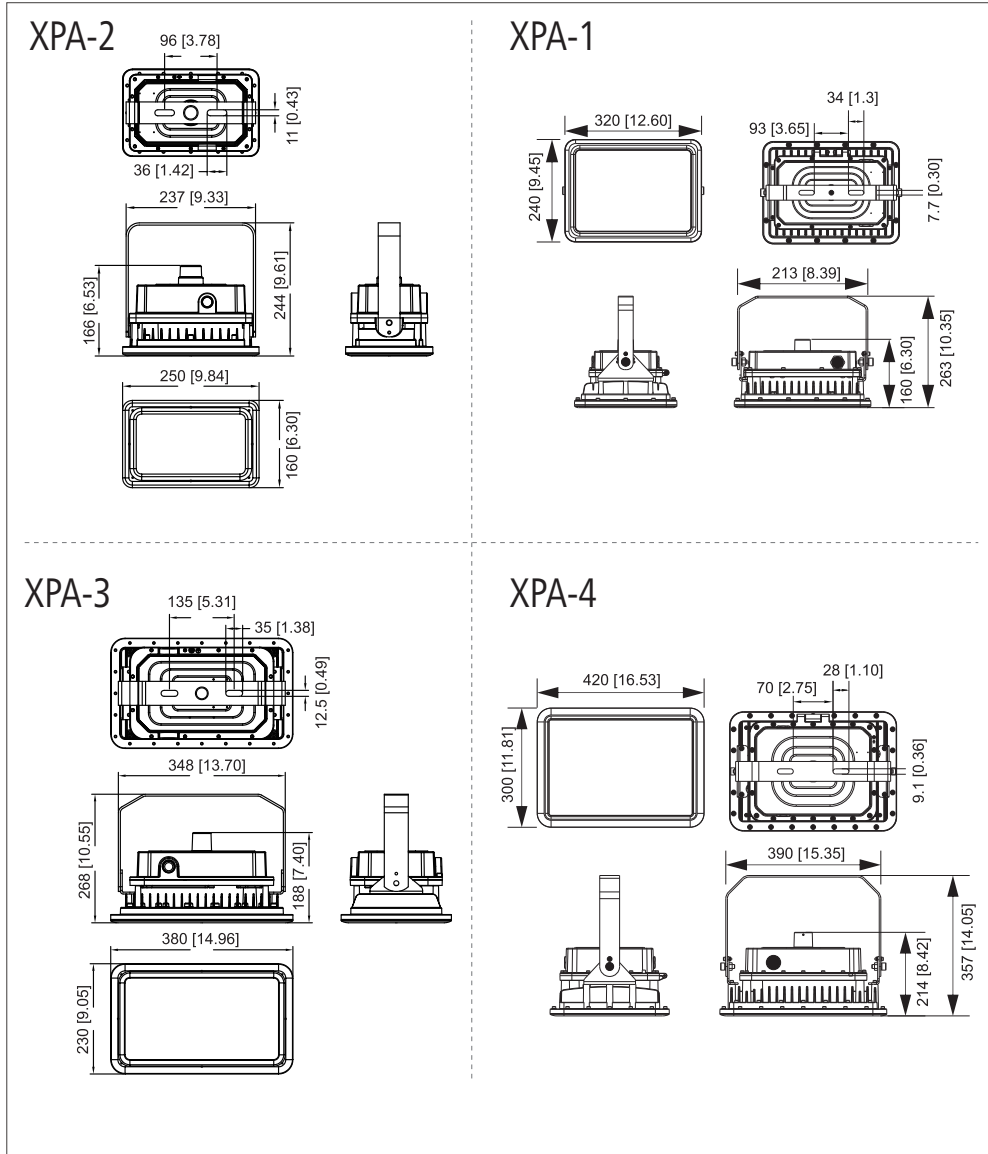
XPA-3



XPA-4

Dimensions on Next Page ►

DIMENSIONS:

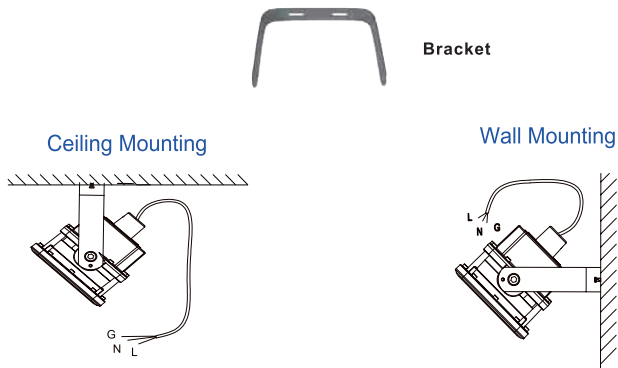


PACKING INFORMATION				
Model	Net Weight*	Gross Weight*	Quantity/ Carton	Package Dimensions (LxWxH)
XPD-1	6.95 kg/15.32 lb	7.90 kg/17.42 lb	1 pc	375x340x215 mm/14.76x13.39x8.46 inch
XPA-2	4.15 kg/9.15 lb	5.30 kg/11.68 lb	1 pc	365x270x305 mm/14.37x10.63x12.01 inch
XPD-3	8.30 kg/18.30 lb	10.30 kg/22.71 lb	1 pc	485x340x365 mm/19.09x13.39x14.37 inch
XPA-4	15.1 kg/33.29 lb	15.80 kg/34.83 lb	1 pc	510x480x350 mm/20.08x18.90x13.78 inch

Option Examples on Next Page ►

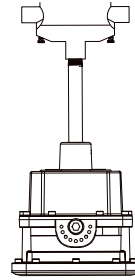
OPTION EXAMPLES:

OptionKit: **CWM**



OptionKit: **PMV**

Pole Mounting (Vertical)



Includes:

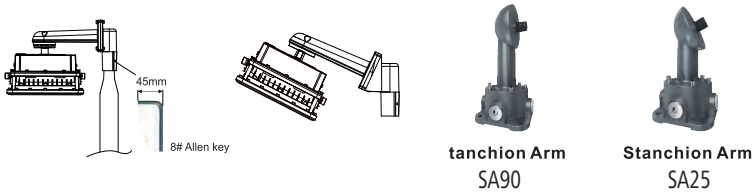
Junction Box



Pole
Straight Pipe

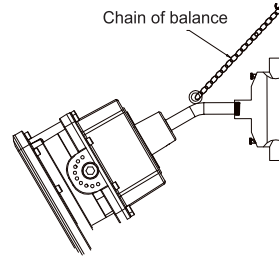
Options: **SA90 and SA25**

Wall Mounting with Junction Box



OptionKit: **PM**

Pole Mounting (Non-vertical)



Includes:

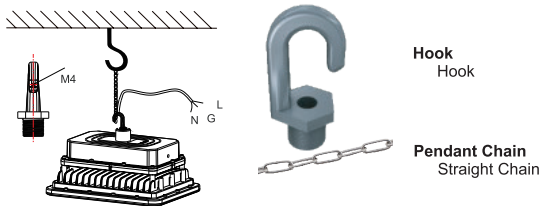
Junction Box
EX-HD51-KB1



Pole
Bended Pipe

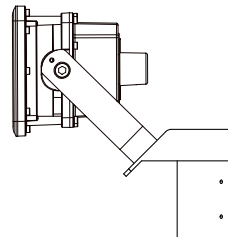
Pendant Chain

OptionKit: **HM**



Option Kit: **TM**

Only for XPA and XPA-2



Includes:

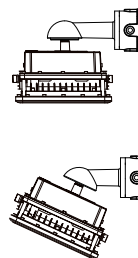
EX-Slip
Fitter Mounting Kit

OptionKit: **SM**

Stanchion wall mount



Options: **WM90 and WM25**



Stanchion wall mount,
90° or 25°



Stanchion Arm



Stanchion Arm