

XPC

EXPLOSION-PROOF
LIGHTS FOR MARINE
AND HAZARDOUS
APPLICATIONS



With Glass Cover



The XPC 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. Designed for use in heavy industrials storage, paper mills, wastewater treatment plants, loading docks, offshore environments, chemical processing, power plants, petrochemical processing, metallurgical, coal mine, food and the alcohol manufacturer industry.

CONSTRUCTION: Copper-free aluminum housing for great corrosion resistance and cooling performance. Impact resistance is at IK08 (with glass cover) and IK10 (with wireguard) certified. 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 >0.65. Input voltage: 100-277/200-480VAC

LISTINGS: Approved to CSA, ETL AND UL standards. UL 844 Hazardous Locations, Class I Division 1, Group C, D, 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 1, Group IIB, Class II, Zone 21, Group IIIC, UL 1598 Wet Locations, UL 1598A Marine Outside Type, UL 924 Emergency Lighting, CSA C22.2#137:2018 Ed.2, CSA C22.2#250.0:2021 Ed.5, ETL (ATM for Report 105342415DAL-001/003), ABS, IP66, IK08 (glass cover), IK10 (with wire guard), and tested to 1000 hours salt spray.

OPERATING TEMPERATURES: -40°C to 60°C (-40°F to 140°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:

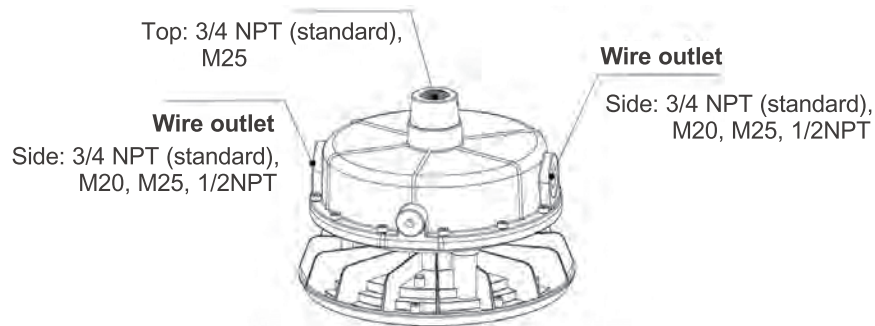
Example: XPC-1-100-50-Y-40-LGC-WM

SERIES	BODY	WATTAGE		CCT	DIMMING	BEAM ANGLE	OPTIONS			
XPC	1	100	100W	50 5000K Factory Preset	Y Yes N No	Blank 120° (Standard)	LGC	Long glass cover (1)	PMV	Pole Mounting, Vertical
		150	150W				WG	Wire Guard (2)	PM	Pole Mounting Kit, non-vertical
	2	20	20W	User selectable CCT order via special order (4)		40 40° (4) 60 60° (4) 90 90° (4)	CWM	Ceiling or Wall Mounting Kit	TM	Trunnion Mounting Kit (3)
		40	40W				HP	Hook Pendant Mounting Kit	EMB	Emergency battery (90 minutes)
		60	60W				SA90	Stanchion Arm, 90 degrees, for junction box mounting		
		80	80W				SA25	Stanchion Arm, 25 degrees, for junction box mounting		
	3	200	200W							
		250	250W							
		280	280W							
	SEE LAST PAGE FOR KIT EXAMPLES									

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FOR KIT EXAMPLES

NOTES: (1) Required for IK8. (2) Required for IK10 rating. (3) XPC-2 only. (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				
XPC-1	14,000 Lumens (100W)	21,000 Lumens (150W)		
XPC-2	2,800 Lumens (20W)	5,600 Lumens (40W)	8,400 Lumens (60W)	11,200 Lumens (80W)
XPC-3	28,000 Lumens (200W)	35,000 Lumens (250W)	39,200 Lumens (280W)	

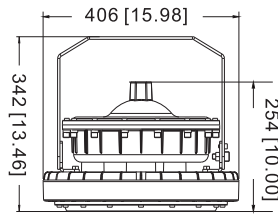


Compatible with NPT1 thread with an adapter (provided by others)

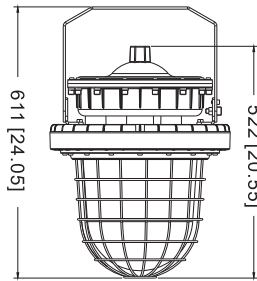
Dimensions on Next Page ►

DIMENSIONS:

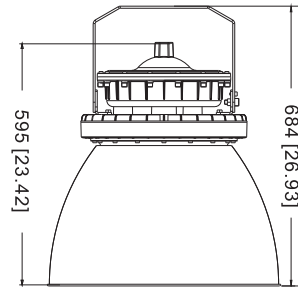
XPC-1



Flat glass

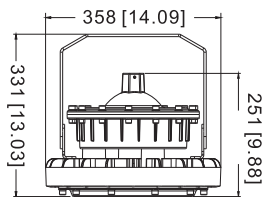


with drop lens and wire guard

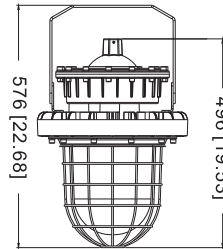


with lamp shade

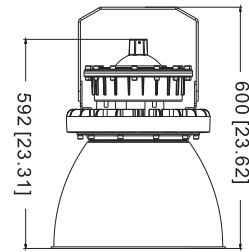
XPC-2



Flat glass

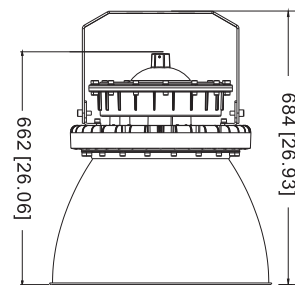
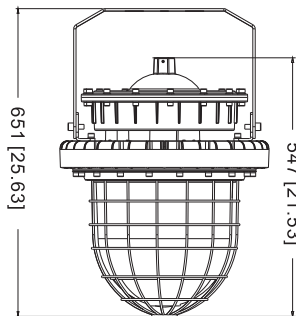
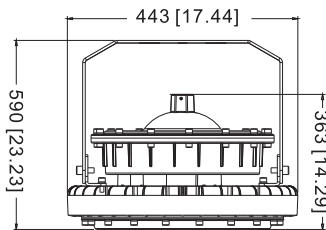


with drop lens and wire guard



with lamp shade

XPC-3

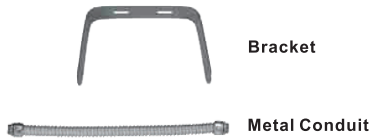


PACKING INFORMATION				
Model	Net Weight*	Gross Weight*	Quantity/Carton	Package Dimensions (LxWxH)
XPC-1	38.36 lb	41.89 lb	1 pc	21.65x20.47x14.17 inch
XPC-2	30.86 lb	35.27 lb	1 pc	18.50x18.50x13.58 inch
XPC-3	46.30 lb	55.12 lb	1 pc	21.85x21.85x13.58 inch

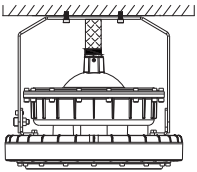
Option Examples on Next Page ►

OPTION EXAMPLES:

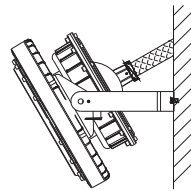
OptionKit: **CWM**



Ceiling Mounting

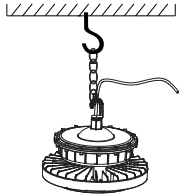


Wall Mounting



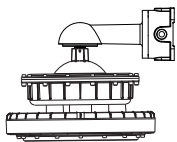
Option Kit: **HP**

Hook Pendant Mounting

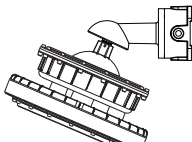


Options: **SA90 and SA25**

Wall Mounting with Junction Box



90 Degree



25 Degree



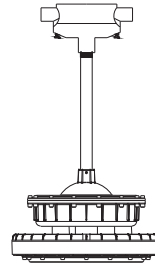
Stanchion Arm
SA90



Stanchion Arm
SA25

OptionKit: **PMV**

Pole Mounting (Vertical)



Includes:



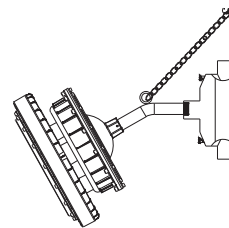
Junction Box



Pole
Straight Pipe

OptionKit: **PM**

Pole Mounting (Non-vertical)



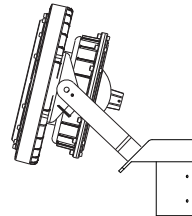
Includes:
Junction Box
EX-HD51-KB1



Pole
Bended Pipe
Pendant Chain

Option Kit: **TM**

Only for XPC-2



Includes:



EX-Slip
Fitter Mounting Kit