

XP02

HAZARDOUS
LOCATION LED
LUMINAIRE



The XP02 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. Compact structure and small size, ideal for use in various places where spot light is required, such as mine, brewery, aisle, etc.

CONSTRUCTION: Copper-free aluminum housing for great corrosion resistance and cooling performance. Impact resistance is at IK08 (with glass cover). Tempered glass is standard.

CABLE ENTRIES: There are four cable entries at side wall of luminaire housing which are used to install M25, M20, NPT 1/2" or NPT 3/4" certified cable glands or stopping plugs with suitable IP code.

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 2, Group A, B, C, D UL 1598 Wet Locations, UL 1598A Marine Outside Type. UL 8750 LED Safety, UL 924 Emergency Lighting, DLC, ABS, IP66, IK08.

OPERATING TEMPERATURES: T6/T80°C: -40°C to +25°C (-40°F to +77°F)
T5/T95°C: -40°C to +40°C (-40°F to +104°F)
T4/T130°C: -40°C to +60°C (-40°F to +140°F)

MOUNTING: Ceiling, Pole, or Wall.

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

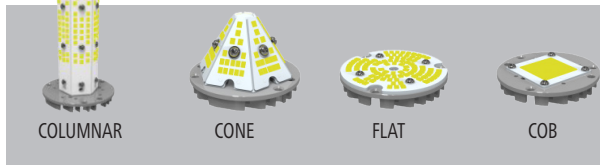
Ordering info on Next Page ►

ORDERING INFORMATION:

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

SERIES	WATTAGE/LUMENS			CCT	LIGHT SOURCE		DIMMING		LENS		OPTIONS		
XP02	10	10W	1000 Lumens	30	3000K	CO	Columnar	Y	Yes	SC	Short, clear	LS	Lamp Shade
	20	20W	2000 Lumens	40	4000K	CN	Cone	N	No	SF	Short, frosted	WG	Metal Guard (matched to height of lens)
	30	30W	3000 Lumens	65	6500K	FL	Flat			MC	Middle, clear glass	CMCI	Ceiling Mount Cap, interior
	40	40W	4000 Lumens			COB	COB			MF	Middle, frosted glass	CMCE	Ceiling Mount Cap, exterior
										LC	Long, clear glass	SA90	Stanchion Arm, 90 degrees, for junction box mounting
										LC	Long, frosted glass	PM	Pole Mounting Kit

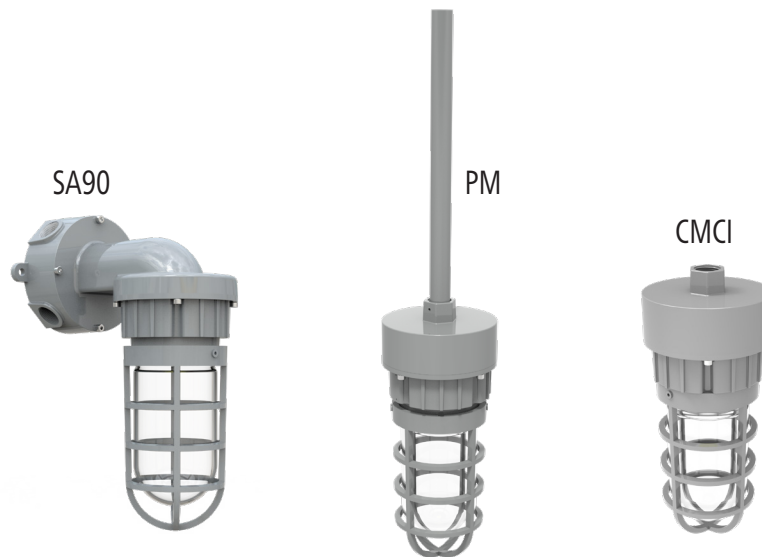
LIGHT SOURCE



LENS



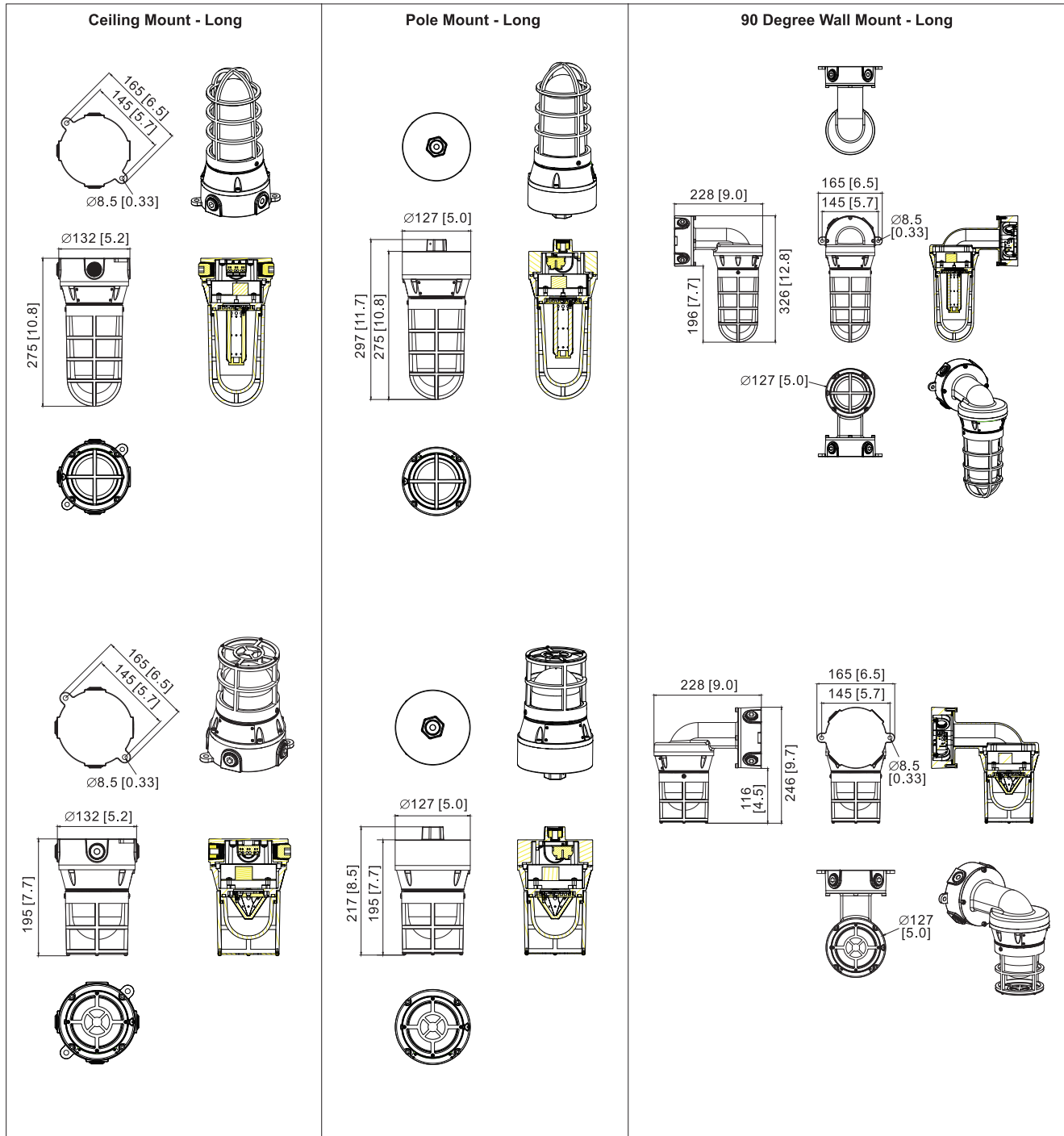
NOTE: Special order lights have a 90-day lead time and have user selectable CCT and wattage. Most special orders require an order of 50 or more units.



Dimensions on Next Page ►

DIMENSIONS:

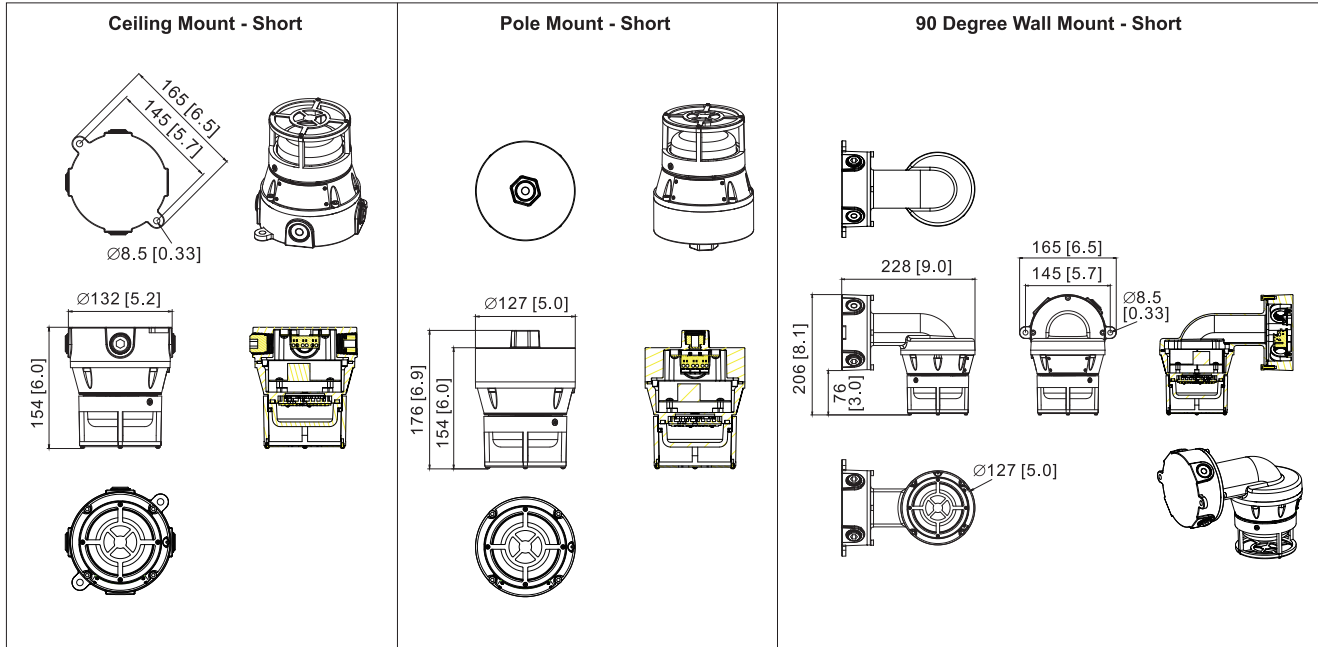
Product Dimensions (without Emergency): mm [inch]



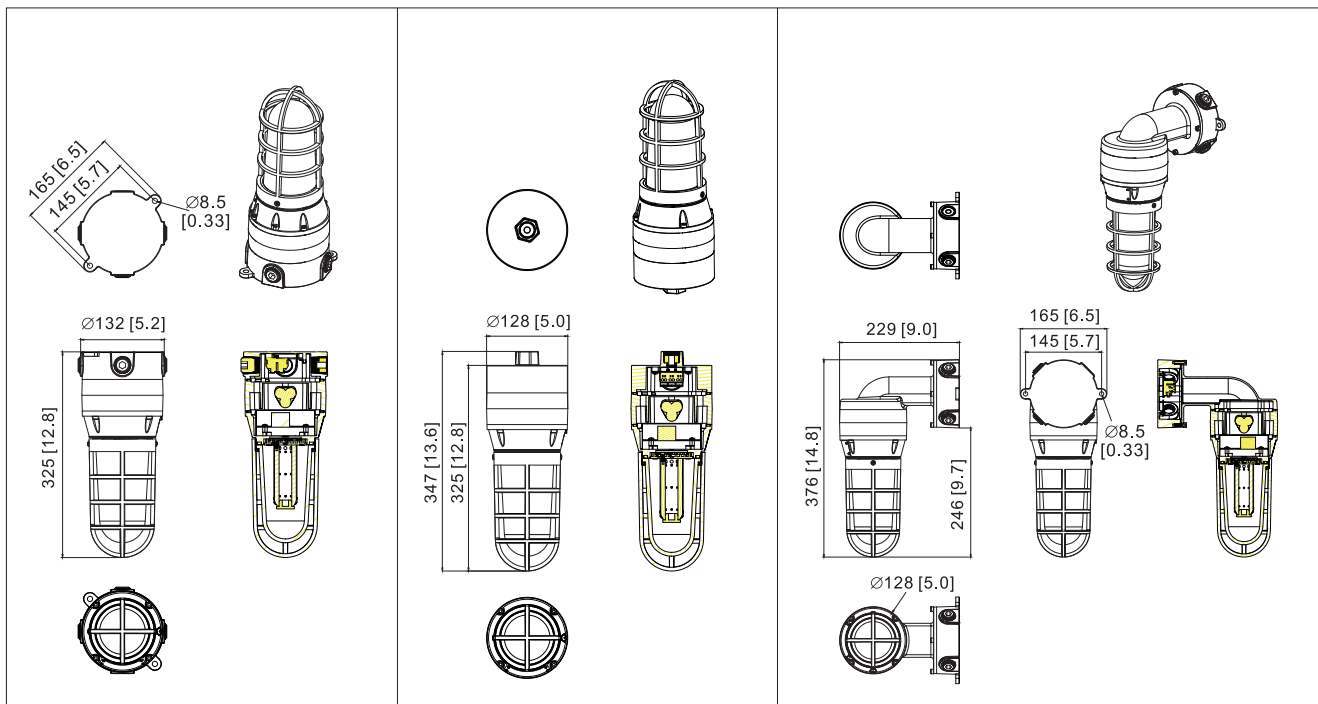
Option Examples on Next Page ►

DIMENSIONS:

Product Dimensions (without Emergency): mm [inch]

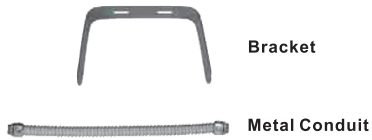


Product Dimensions (with Emergency): mm [inch]

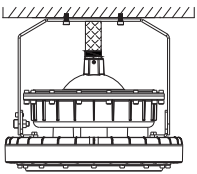


OPTION EXAMPLES:

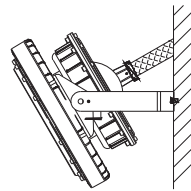
OptionKit: **CWM**



Ceiling Mounting

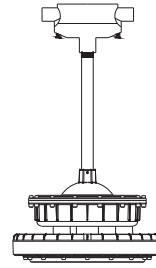


Wall Mounting



OptionKit: **PMV**

Pole Mounting (Vertical)



Includes:



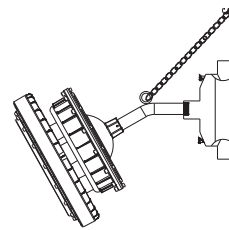
Junction Box



Pole
Straight Pipe

OptionKit: **PM**

Pole Mounting (Non-vertical)



Includes:



Junction Box
EX-HD51-KB1

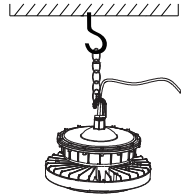


Pole
Bended Pipe

Pendant Chain

Option Kit: **HP**

Hook Pendant Mounting



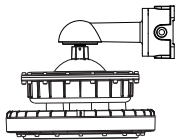
Hook



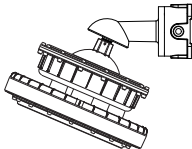
Pendant Chain

Options: **SA90 and SA25**

Wall Mounting with Junction Box



90 Degree



25 Degree



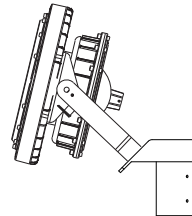
Stanchion Arm
SA90



Stanchion Arm
SA25

Option Kit: **TM**

Only for XPC-2



Includes:



EX-Slip
Fitter Mounting Kit