Pan American
Professional Lighting Manufacturer

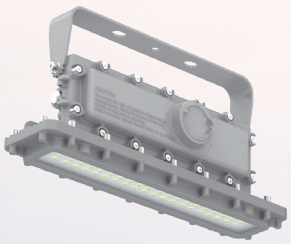
HAZARDOUS LOCATIONS LED LUMINAIRE

I SERIES

FLAT/RM 1205, 12/F, TAI SANG BANK BUILDING,
130-132 DES VOEUX ROAD CENTRAL, HK



UL CERTIFIED SAFETY US-CA SÛRETÉ US-CA
DNV TYPE APPROVED PRODUCT DNV.COM/AF
3G Vibration
NEMA Type 4X
IP 66
IK08
DIMMABLE
5 YEARS WARRANTY
130 lm/W



I2



I4

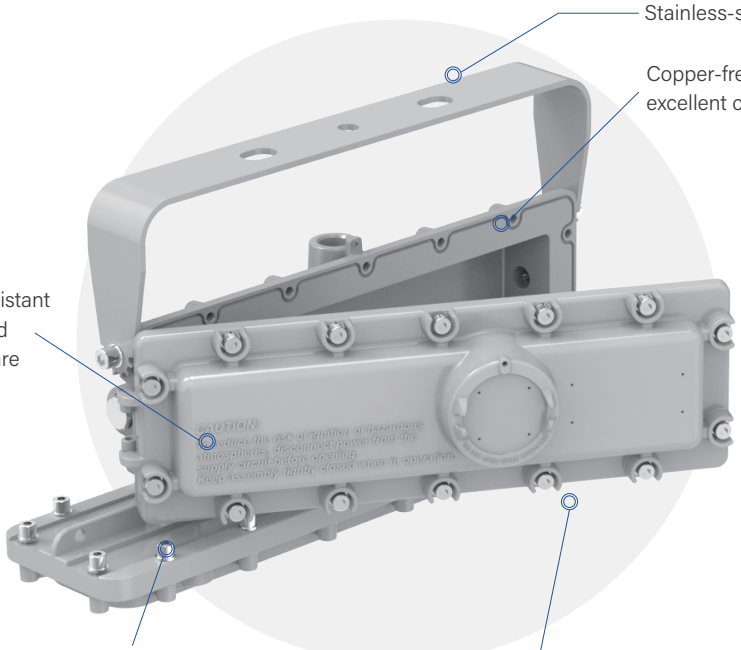
Product Description

The EX-I Series LED luminaire is the ideal choice for marine and hazardous applications where a linear design is required. Featuring the design of structure, the power box can be opened from the side by opening the M75 circular cover, without the need to loosen multiple screws, easy and convenient for installation and maintenance. It is widely applicable for heavy industrial storage facilities, paper mills, chemical processing facilities, power plants, petrochemical plants, offshore environments, wastewater treatment plants, food and alcohol industry.

Compliance

- UL 844 Hazardous Locations
  - Class I, Division 1, Groups C and D;
  - Class I, Division 2, Groups A, B, C and D;
  - Class II, Division 1, Groups E, F and G;
  - Class II, Division 2, Groups F and G;
  - Class III
- UL 1598 Wet Locations
- UL 1598A Marine Type
- DNV
  - Vibration 3G
  - NEMA Type 4X
  - IP66
  - IK10

Benefits & Features



Stainless-steel hardware, great anti-corrosion

Copper-free aluminum housing,
excellent corrosion resistance and cooling performance

UV-stable and impact resistant
clear or diffused tempered
glass lens to minimize glare

Available in two lengths: 2 feet, 4 feet

Power box can be opened from the side by opening the M75 circular cover, convenient for installation and maintenance, significantly saving manpower and installation time

Technical Parameter

• Electrical

Model	EX-xxxW I2	EX-xxxW I4
Rated Power	20/30/40/50/60/70/80/90/100/120W	20/40/60/80/100/120/150/180/200W
Input Voltage	120-277VAC/ 120-347VAC /277–480VAC ; 120-400VDC/ 12-30VDC	
Frequency	50/60Hz	
Power Factor	0.95	
Emergency	Optional	
Emergency Time	1.5 hours	

• Optical

Model	EX-xxxW I2	EX-xxxW I4
Lumens Per Watt	130 lm/W	130 lm/W
Lumen Output	2600 lm-15600 lm	2600 lm-26000 lm
CCT	2000K/3000K/4000K/5000K/5700K/6000K/6500K/7500K	
CRI	>70	
Beam Angle	30°/45°/60°/90°/120°/T2/T3/T5	
Dimming	0-10V dimming optional	

• Mechanical

Model	EX-xxxW I2/I4
Housing	Copper-free aluminum
Diffuser	Tempered glass
Hardware	Stainless steel
Protection	IP66/IK08
Mounting	Ceiling Mount (Included); Pendant Mount (Purchase separately) ; Pole Mount (Purchase separately) ; Wall Mount (Included)
Cable Entries	Top: 3/4 " NPT (standard), Both sides: M20 (standard), Optional M25, 3/4 NPT, 1/2 NPT.
Warranty	5 years

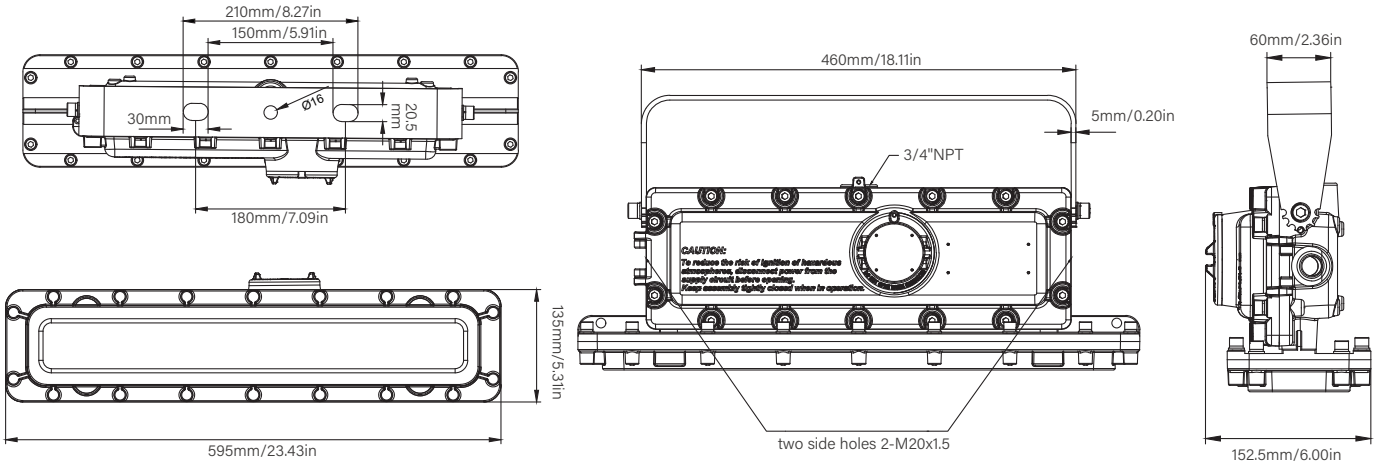
• Ambient Temperature

Model	Power Model	Temperature Class
EX-20W I2	XLG-50-AB, EX-40W-48B	T6: -40°C to +55°C/ T5: -40°C to +65°C
EX-60W I4	SS-75VA-56BHL, XLG-75-H-AB	T6:-40°C to +55°C/ T5:-40°C to +65°C
	EX-60W-48BH, VA-65V-054B	

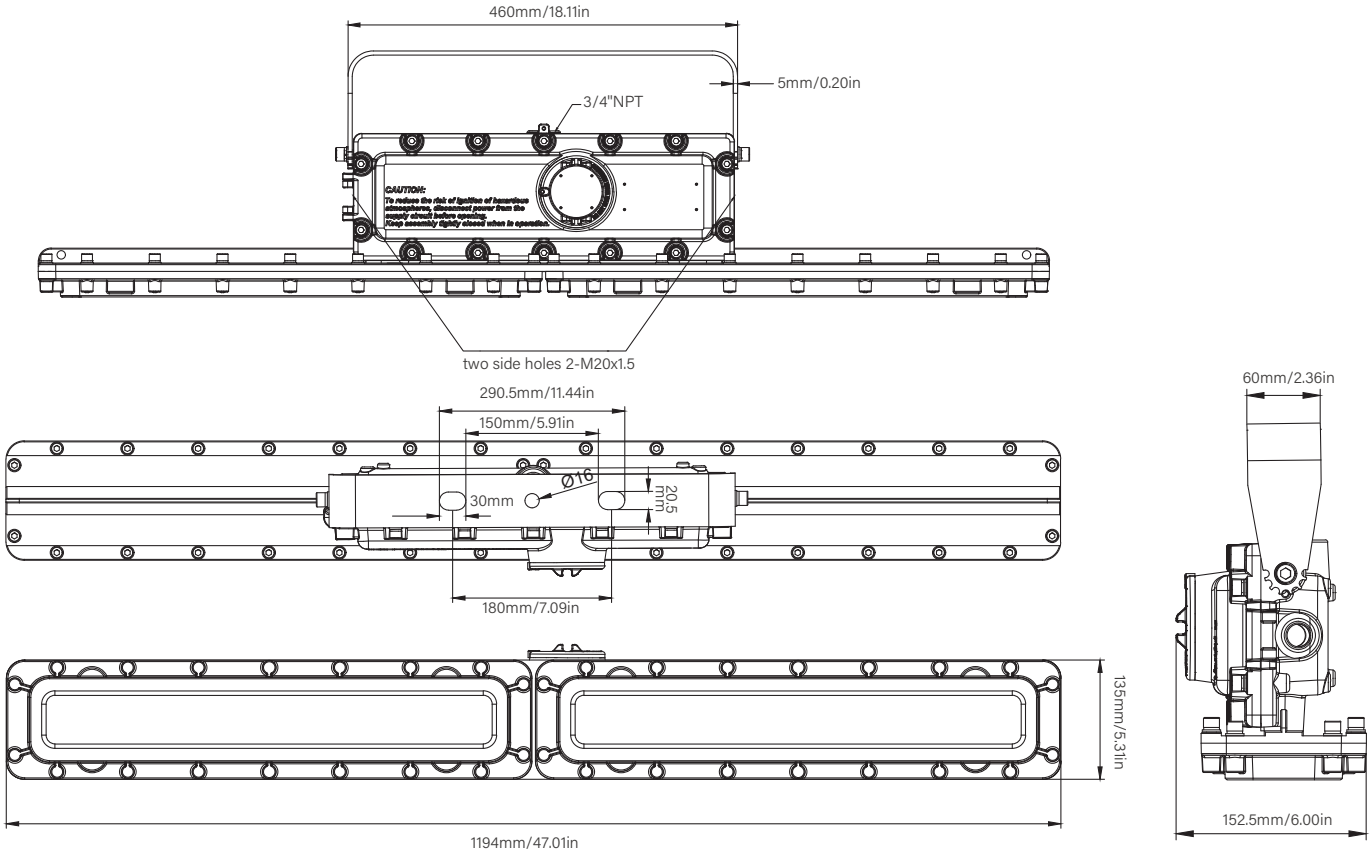
NOTE: Refer the UL certificate for exact temperature and T-code information.

» Product Dimensions Unit: mm[inch]

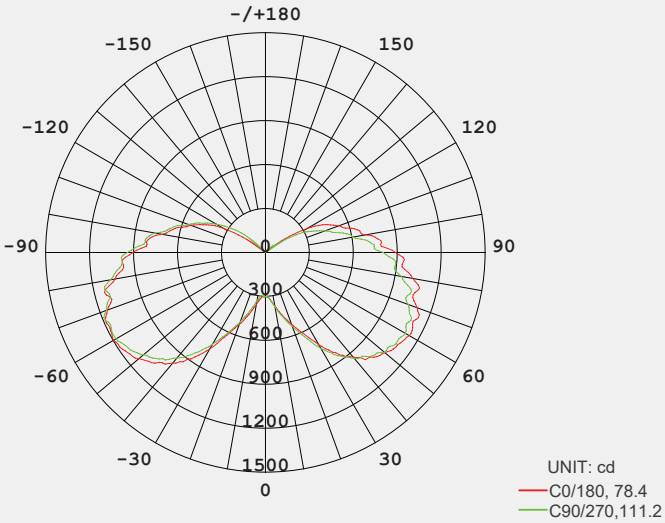
• I2



• I4



Photometric



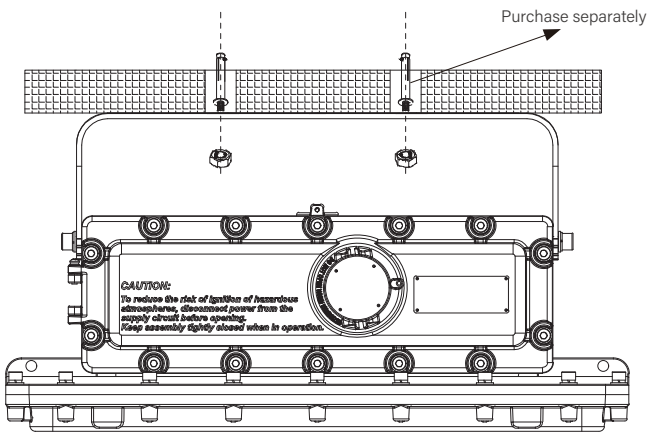
AVERAGE BEAMANGLE(50%): 94.8DEG

Packing Information

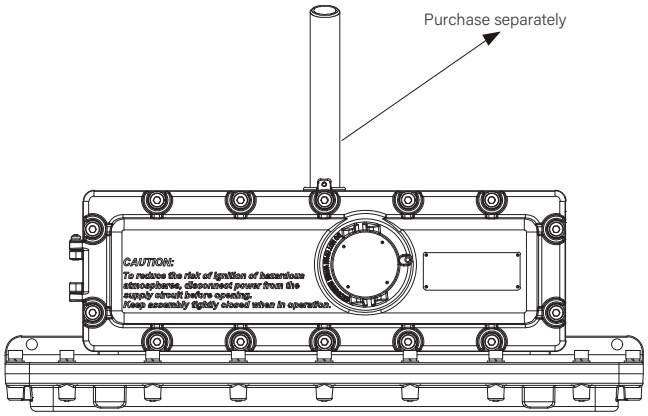
Model	Package Dimensions	Net Weight	Gross Weight	Quantity/Carton
I2	75x255x392mm/26.57×10.04×15.43inch	12.5kg/27.56 lb	13.7 kg/ 30.20 lb	1 pc
I4	1269x255x392mm/49.96×10.04×15.43inch	18.2kg/40.12 lb	19.6 kg/43.21 lb	1 pc

Mounting Methods

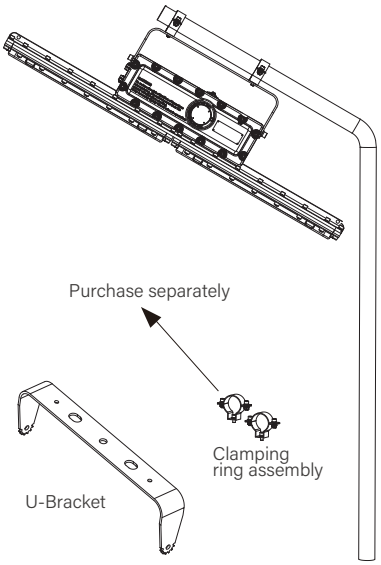
- Option 1: Ceiling Mounting



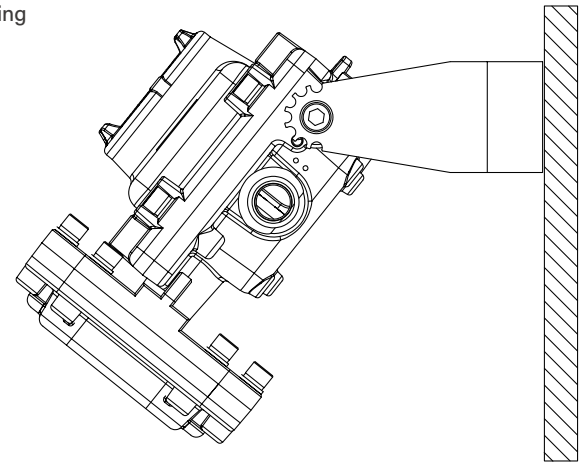
- Option 2: Pendant Mounting



- Option 3: Pole Mounting



- Option 4: Wall Mounting



» Ordering Guide

EX -	xxxW	I2/I4	D	30	D30	*	*	*	1	H	H65	*	*
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭

1.EX — Basic Model Series: EX- for all luminaires

2.xxxW — Input Wattage:
I2: 20W/30W/40W/50W/60W/70W/80W/90W/100W/120W
I4: 20W/40W/60W/80W/100W/120W/150W/180W/200W

3.I2/I4 — Lamp Enclosure Heatsink: I2 = Heatsink (I2), I4 = Heatsink (I4)

4.D — Dimming Function: D = Dimmable

5.30 — CCT:
20=2000K 22=2200K 30=3000K 40=4000K 50= 5000K
57= 5700K 60= 6000K 65= 6500K 75= 7500K

6.D30 — Beam Angle:
D30 = 30 degrees D45 = 45 degrees D60 = 60 degrees D90 = 90 degrees
D120 = 120 degrees T2 = 60 degrees T3 = 90 degrees T5 = 120 degrees

7. * — Diffuser Type: Blank – Clear Flat glass

8. * — Driver Housing Types:
Blank = Driver Housing B

9. * — Lens Cover Type:
Blank = Lens Cover A

10.1 — LED Type: 1 = 5050 LED, 2= 2835 LED, Blank – 2835 tunable LED Board

11.H — Input Voltage:
H = 277–480VAC Blank = 120-277VAC M = 120-347VAC
DCH = 120-400VDC DC - 12-30VDC

12.H65 — Driver series: *Please refer to the report for detailed data*

13. * — Dual Tunable or not:
Blank = Without Tunable
T = With CCT/Wattage Tunable TW = With Wattage Tunable

14. * — Backup Power Source:
BLANK = Without Backup Power
-E = With Backup Power