

EX706 LED Linear Explosion Proof Light

EX706 Linear Explosion Proof Light is designed to deliver reliable and high-performance illumination in demanding environments. Engineered with superior waterproof, dustproof, anti-corrosion, and anti-vibration properties, this luminaire is an ideal solution for various harsh and hazardous applications. Additionally, it features an emergency lighting function, providing up to 90 minutes of illumination in the event of a power failure, ensuring both personnel safety and the uninterrupted operation of critical facilities.

APPLICATIONS

- Oil & Gas Refineries
- Drilling Rigs
- Petrochemical Facilities
- Food & Beverage Facilities
- Power Generation
- Waste & Sewage Treatment
- Paint Spray Booths
- Hazardous Locations

FEATURES

- IP66 and IK08 double protection, with super reliability
- Well sealed with special structure and materials
- Wattage tunable
- 1-10V dimming standard
- Compact and lightweight design w/ Fiberglass reinforced polycarbonate
- Various installation methods
- Emergency lighting 9W 1.5 hours

DIMENSIONS AND MOUNT

Power		20W	30W	40W	50W	60W	70W	80W	100W
Outlook Dimensions	Ceiling Mount	618x150x202mm (24.33"x5.91"x7.96")				1232x150x202mm (48.50"x5.91"x7.96")			
	Trunion Mount	618x120x202mm (24.33"x4.73"x7.96")				1232x120x202mm (48.50"x4.73"x7.96")			
	Pendant Mount	618x120x178mm (24.33"x4.73"x6.99")				1232x120x178mm (48.50"x4.73"x6.99")			
	Loop Mount	618x120x218mm (24.33"x4.91"x8.57")				1232x125x218mm (48.50"x4.91"x8.57")			
	Hoop Mount	618x125x114mm (24.33"x4.91"x8.84")				1232x125x225mm (48.50"x4.91"x8.84")			
	Recessed Mount	618x170x114mm (24.33"x6.69"x4.85")				1232x170x114mm (48.50"x6.69"x4.85")			
Luminaire Net Weight	Ceiling Mount	3.4kg (7.48 lbs)				5.0kg (11 lbs)			
	Trunion Mount	3.5kg (7.7 lbs)				5.1kg (11.22 lbs)			
	Pendant Mount	3.3kg (7.26 lbs)				4.9kg (10.78 lbs)			
	Loop Mount	3.4kg (7.48 lbs)				5.0kg (11 lbs)			
	Hoop Mount	3.5kg (7.7 lbs)				5.1kg (11.22 lbs)			
	Recessed Mount	3.4kg (7.48 lbs)				5.0kg (11 lbs)			

Product	
Catalog No.	
Fixture Type	Notes

SPECIFICATION SUMMARY

Category	Specification	Data
Category Performance	Wattage	20W, 30W, 40W, 50W, 60W, 70W, 80W, 100W
	Delivered Lumens	3,200 ~ 16,000 lm
	Lumen Efficacy	~160 lm/W
	Color Temperature	5000K (3000K, 4000K optional)
	CRI (Ra)	>70
	Beam Angle	100°
	Lens Option	Clear Polycarbonate, Diffused Polycarbonate
Electrical	Input Voltage	100-277V, 277-480V
	Power Factor	>0.9
	Dimming	1-10V
Physical	Housing	Fiberglass reinforced polycarbonate
	Operation Temperature	-32 to 131°F
	Weight	10.78 lbs
	Dimension	48.50"x4.73"x6.99"
	IP Rating	IP66
	IK Rating	IK08
	Surge Protection	4kV line-line, 6kV line-earth (20-50W); 6kV line-line, 10kV line-earth (60-100W)
	Mounting Options	Loop / Hoop / Recessed
		Ceiling / Trunion / Pendant/

LIFESPAN AND WARRANTY

Rated Life	50,000 Hrs
Warranty	5 Years
Certification	Class I Div 2 (A, B, C, D) / Class I Zone 2 (IIC) /
	Class II Div 1 (E, F, G) / Class II Div 2 (F, G) / Class III/
	Zone 20, 21, 22 / Wet Locations / Marine Locations / Type 4X / IP66

CERTIFICATION



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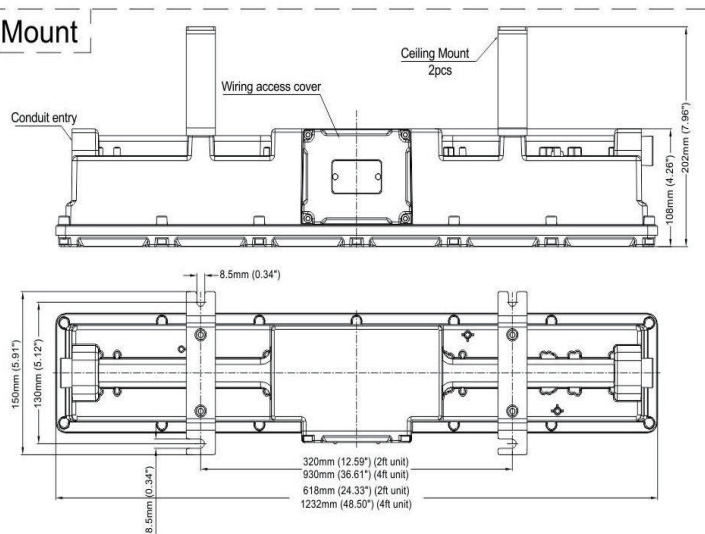
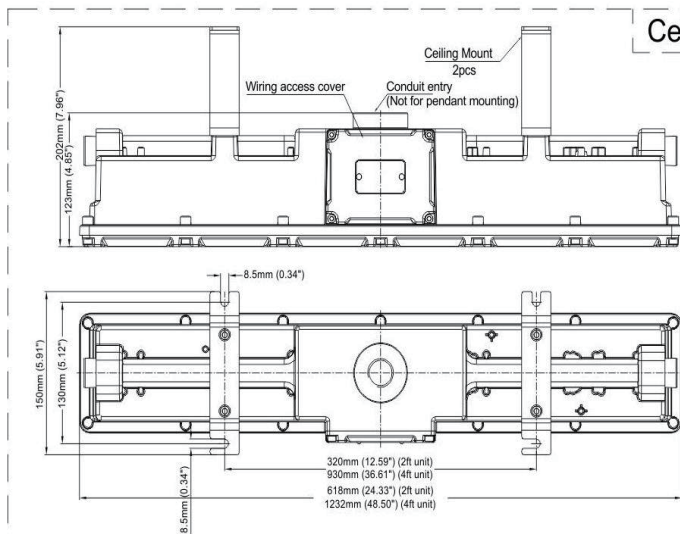
DIMENSIONS

Cable entry from the top

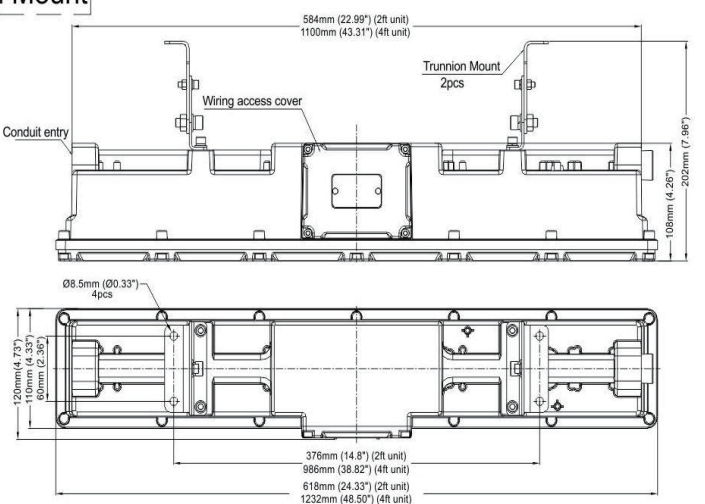
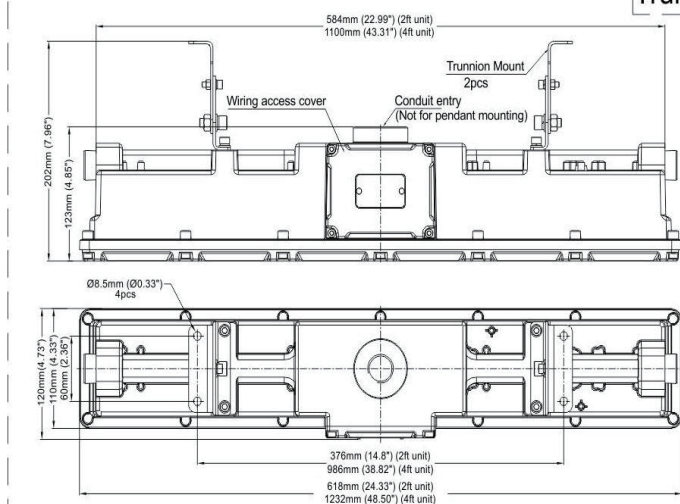
Cable entry from the side

Unit: mm(inch)

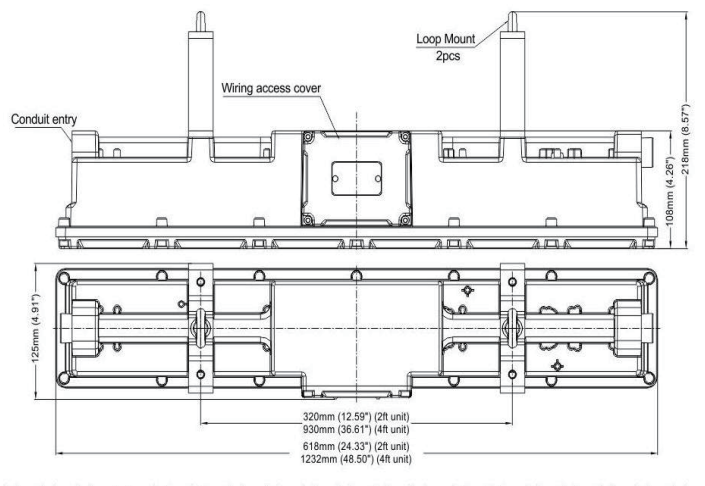
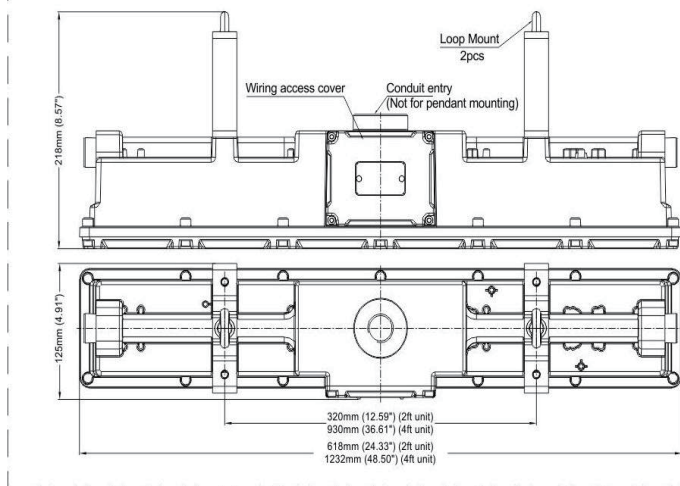
Ceiling Mount



Trunnion Mount



Loop Mount



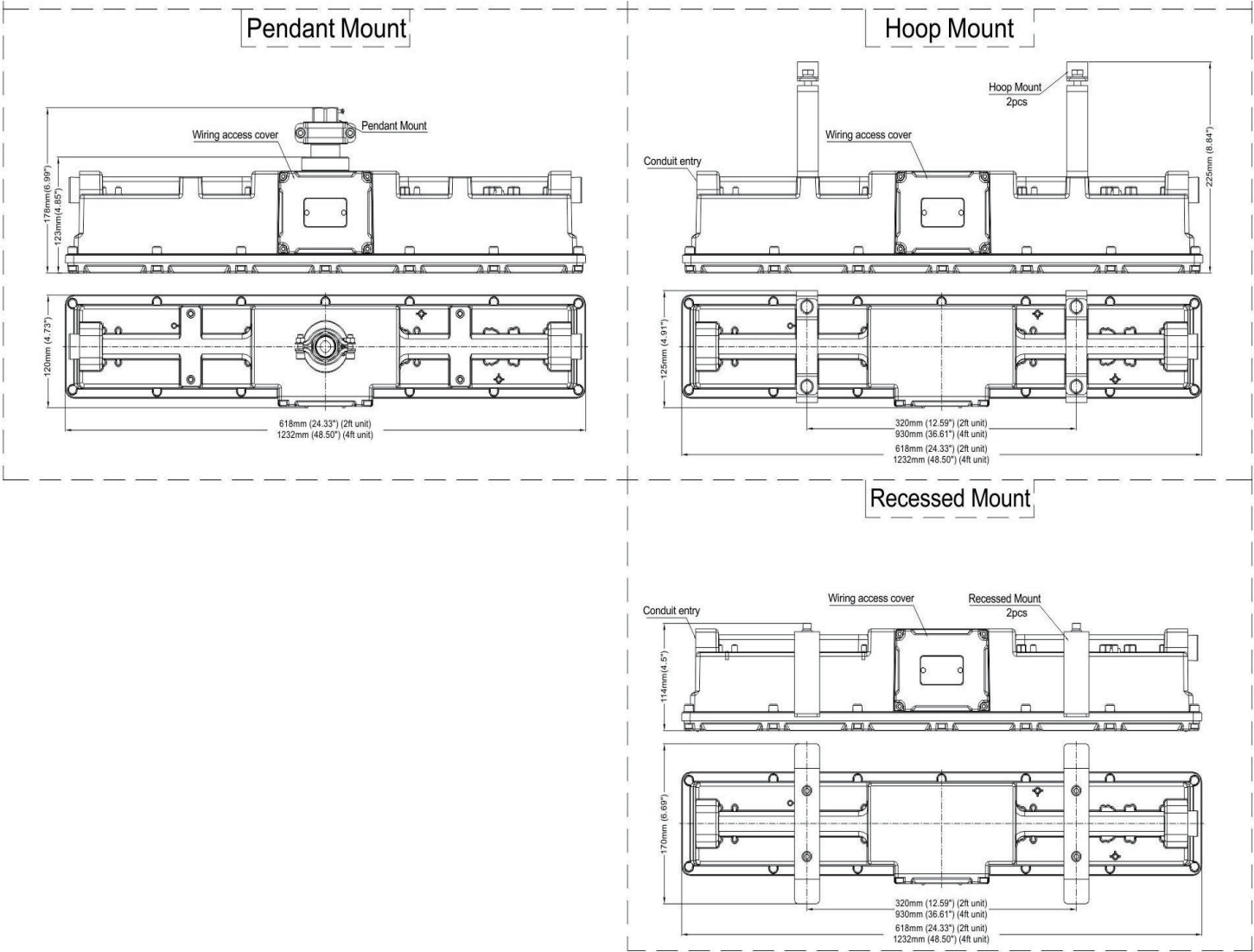
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DIMENSIONS

Cable entry from the top

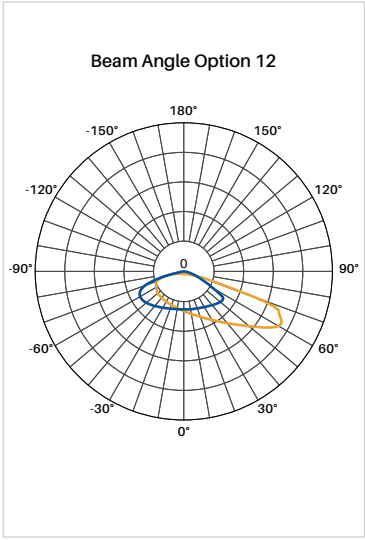
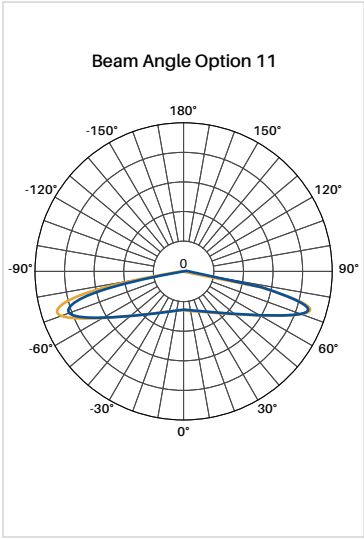
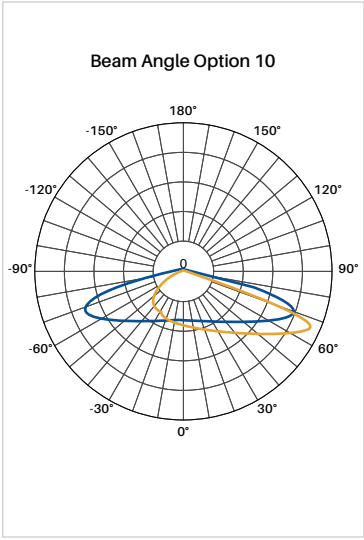
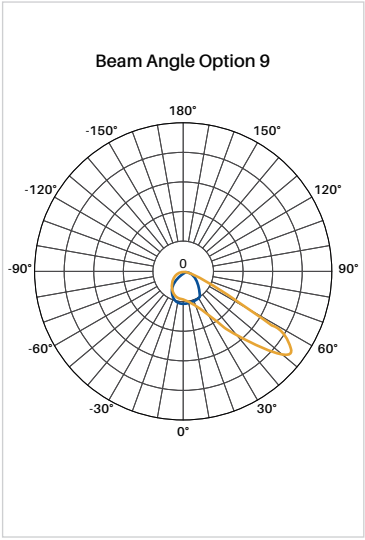
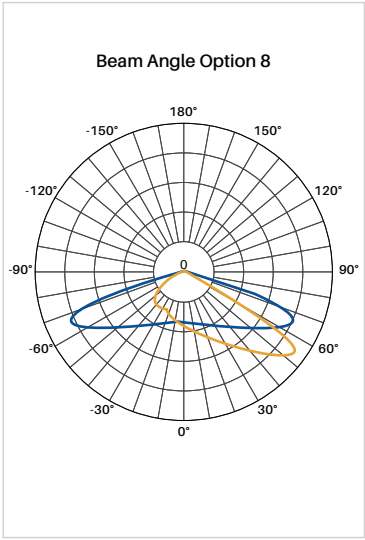
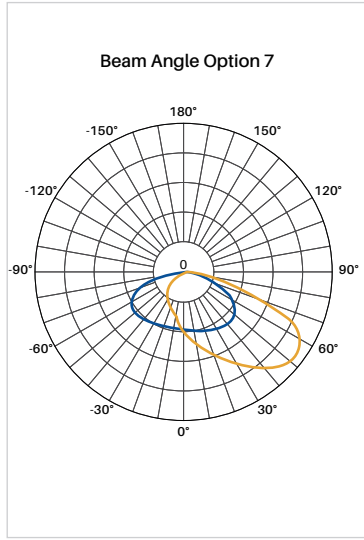
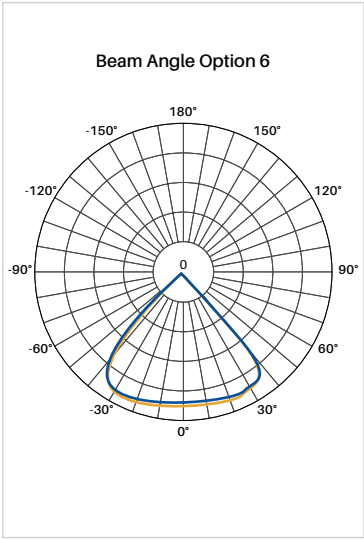
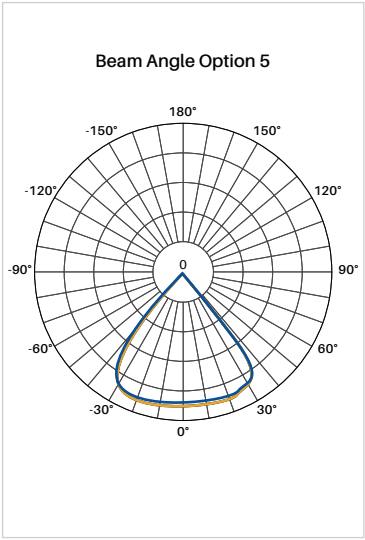
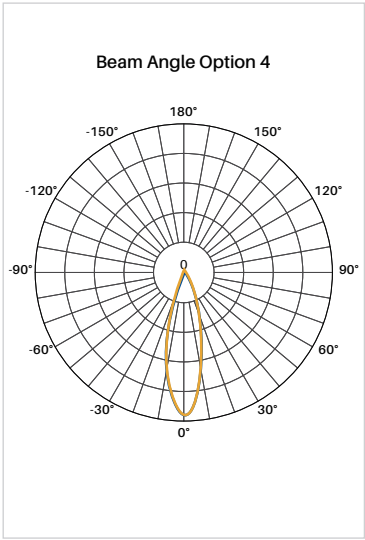
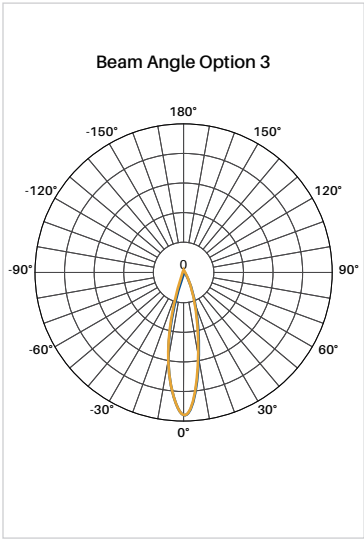
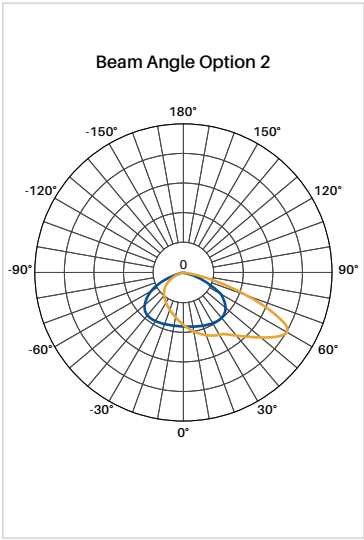
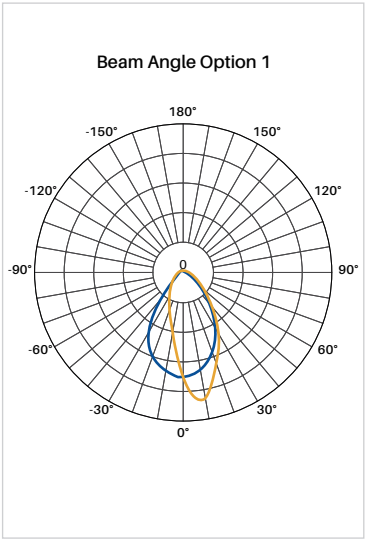
Cable entry from the side

Unit: mm(inch)



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PHOTOMETRY



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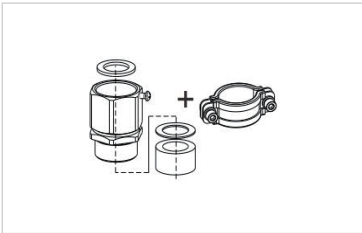
Accessories



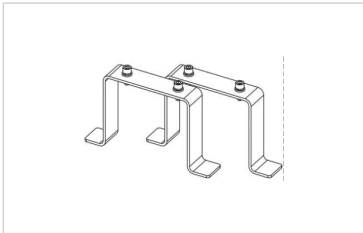
Celing Mount



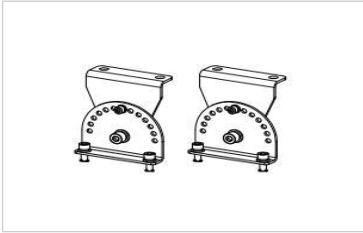
Hoop Mount



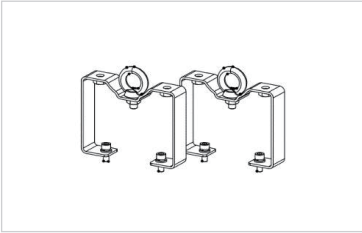
Pendant Mount



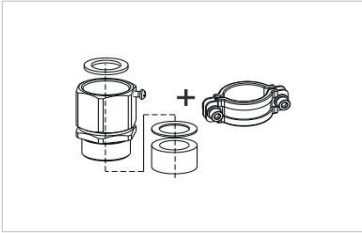
Recessed Mount



Trunnion Mount

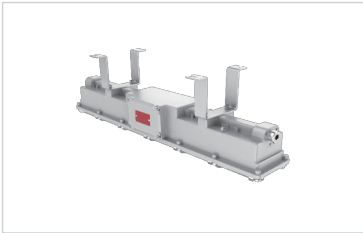


Loop Mount

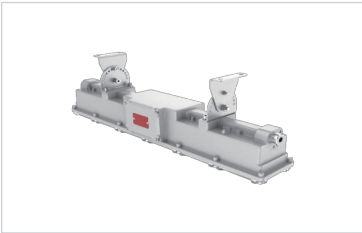


Pendant Mount

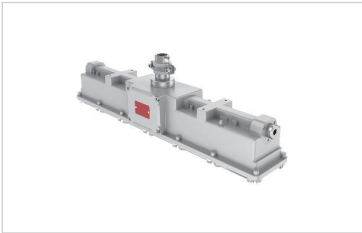
Mounting Options



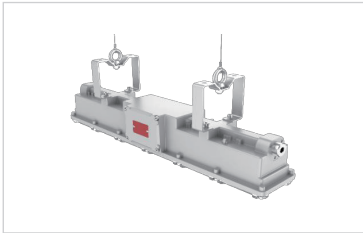
Celing Mount



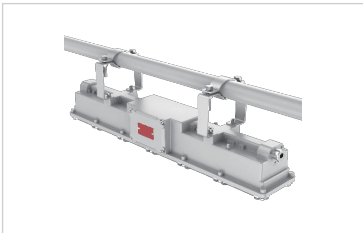
Trunnion Mount



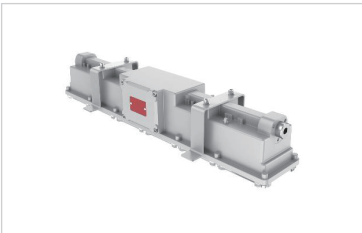
Pendant Mount



Loop Mount



Hoop Mount



Recessed Mount

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ORDERING INFORMATION

EX706						
Series SKU	Wattage	Voltage	Lens	CCT	Mounting (Optional)	Option (Optional)
EX706	020: 20W 030: 30W 040: 40W 050: 50W 060: 60W 070: 70W 080: 80W 100: 100W	U: 120-277V H: 277-480V	C: Clear F: Frost	30: 3000K 40: 4000K 50: 5000K	C: Ceiling T: Trunnion P: Pendant L: Loop H: Hoop R: Recessed	EM: Emergency Battery

Example: EX706-50UF50CEM
Lead times will vary depending on options selected.
Consult with your sales representative.

MISCELLANEOUS

NOTE

CONSTRUCTION:
INSTALLATION:
OPTICS:
LISTINGS:
ELECTRICAL:
GOVERNMENT PROCUREMENT: