

Product # _____ Type _____ Date _____
 Project Name _____
 Project Location _____ Prepared By _____

EX B Series

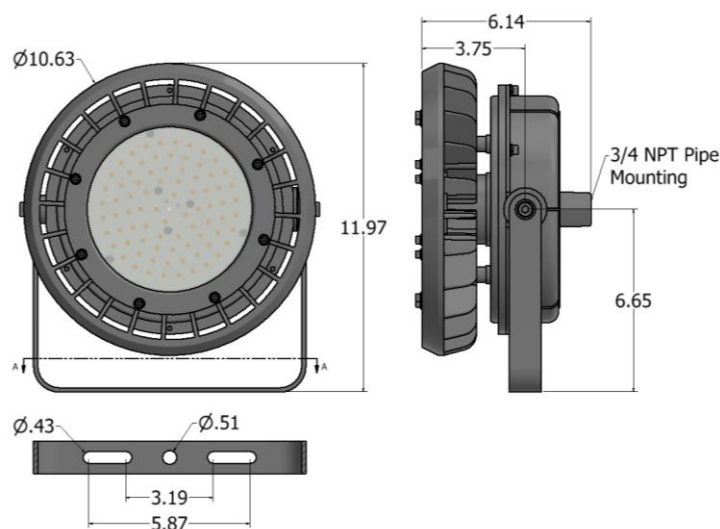
Construction

The copper free aluminum alloy body is powder coated for added durability and an attractive aesthetic appearance. Special heat dissipating design in conjunction with LED technology helps this fixture to achieve an excellent 50,000 hour rated life span with 80% lumen retention. Light weight and a low profile make this unit an attractive alternative to larger and heavier older fixtures and require less hardware to install.

Applications

This Luminaire can be utilized as a High Bay or Flood Light and can be Pole, wall or Ceiling Mounted. Recommended for Locations with high humidity, temperature and large amounts of Vapor and dust particles. Such as:

- Petroleum Production & Refining
- Petroleum loading & Transport
- Petroleum Storage & Retail
- Paint Facilities
- Pumping Stations
- Metal Smelting, Foundry and Fabrication
- Mining Operations & Service
- Ocean Platform Operational Facilities & Structure
- Aerospace clean Room and Production
- Chemical Production & Storage
- Ocean Vessel Operations
- Military Spec. Conditions
- Flour & Fine Particle Production and Storage
- Food & Distilling Production
- Electrical Power Generation & Stations



EX Type B Size Specifications

TYPE	Diameter (In)	Height (In)	Depth (In)
B	10.63	11.97	6.14
B2	9.06	10.20	6.70
B3	14.57	16.41	7.76
B4	18.90	21.28	9.51

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EXB CUTSHEET-REVB-2022-06-12

EX B Series

Ratings and Certifications

- UL 1598/UL 1598A/UL 844
- CSA C22.2 No. 137/No. 250.0
Class I, Division 2, Groups A, B, C, D
Class II, Division 1, Groups E, F, G
Class II, Division 2, Groups E, F, G
Class III
- Marine and Wet Locations
- NEMA 4X, IP66, IK10
- IECEX
- ATEX

Performance

- Luminaire Efficiency: 140 Lumens/Watt
- Input Voltage: 120-277/200-480 VAC
- Power Factor: >0.9
- LED CRI: >80
- LED CCT: 3000K, 4000K, 5000K
- Beam Distribution: 40°, 60°, 90°, 120°
- L70 Rating: More than 150,000 Hours
- Ambient Temp: -40° C to 50° C

Product Specifications

Model	Power (W)	Input Voltage	Lumens	Lumens/Watt	CCT	CRI	Beam Angle
B2	20	120-277	2800	140	3K/4K/5K	80	40/60/90/120
B2	40	120-277	5600	140	3K/4K/5K	80	40/60/90/120
B	60	120-277/200-480	8400	140	3K/4K/5K	80	40/60/90/120
B	80	120-277/200-480	11200	140	3K/4K/5K	80	40/60/90/120
B3	100	120-277/200-480	14000	140	3K/4K/5K	80	40/60/90/120
B3	120	120-277/200-480	16800	140	3K/4K/5K	80	40/60/90/120
B3	150	120-277/200-480	21000	140	3K/4K/5K	80	40/60/90/120
B3	200	120-277/200-480	28000	140	3K/4K/5K	80	40/60/90/120
B4	250	120-277/200-480	35000	140	3K/4K/5K	80	40/60/90/120
B4	300	120-277/200-480	42000	140	3K/4K/5K	80	40/60/90/120
B4	350	120-277/200-480	49000	140	3K/4K/5K	80	40/60/90/120
B4	400	120-277/200-480	56000	140	3K/4K/5K	80	40/60/90/120

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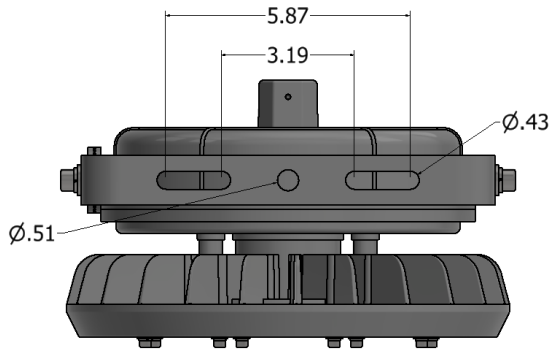
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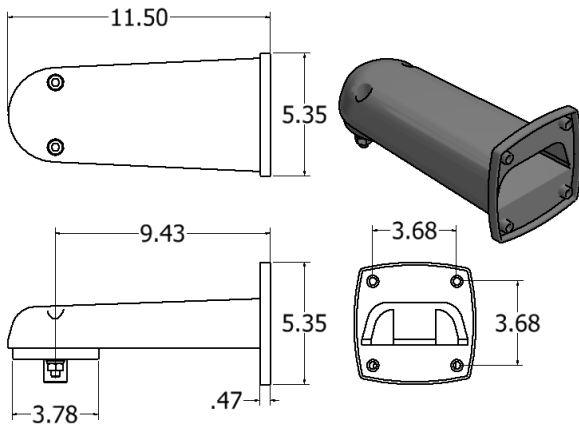
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Mounting Options

Yoke Mounting (Y)



Wall Mount Bracket 90 degrees (WM90)



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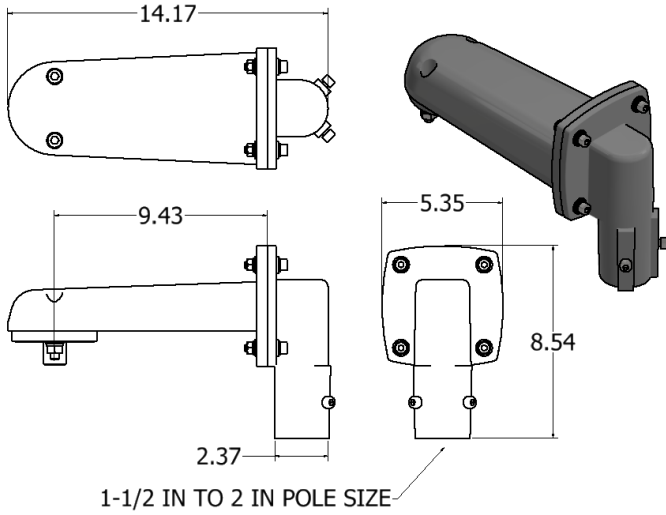


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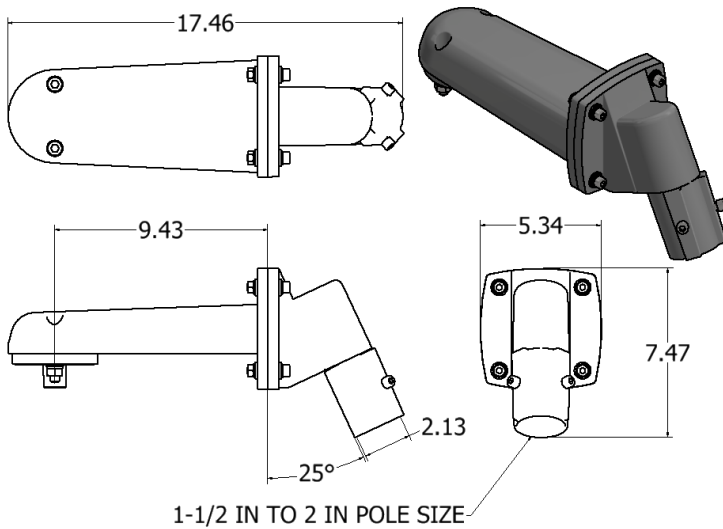
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EX B Series

Pole Stanchion 90 Degrees (S90)



Pole Stanchion 25 Degrees (S25)



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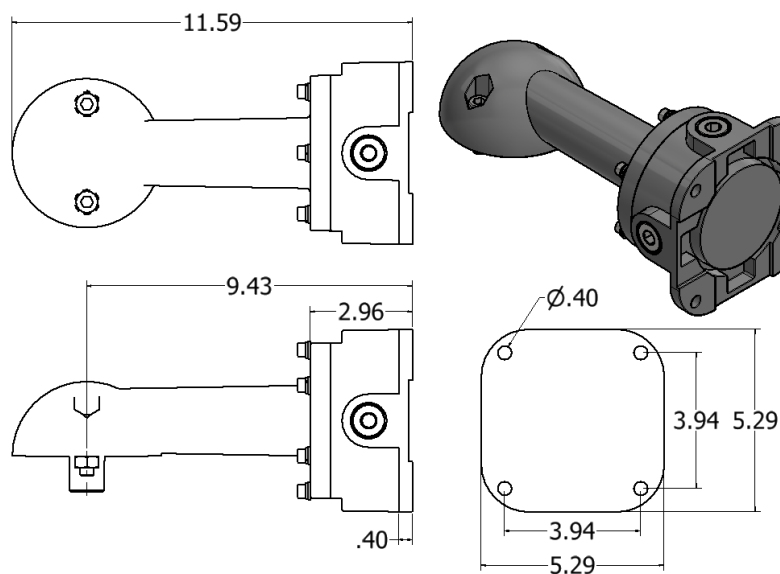


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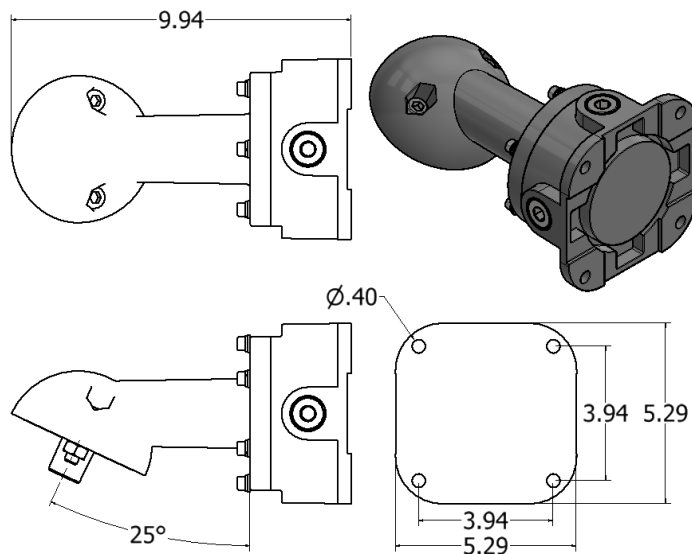
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EX B Series

J-Box Stanchion Mounting 90 Degrees (JS90)



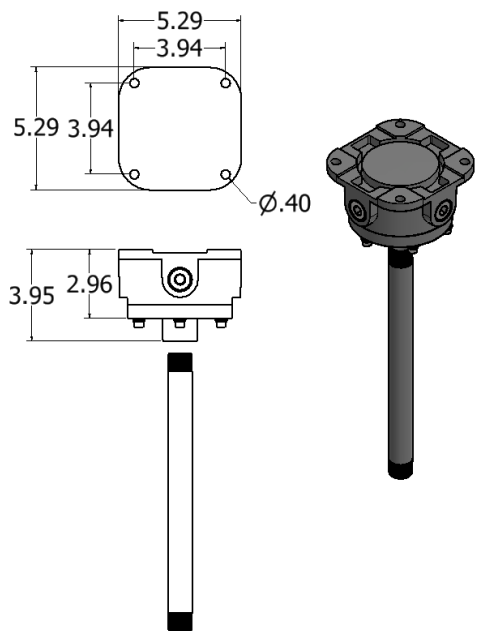
J-Box Stanchion Mounting 25 Degrees (JS25)



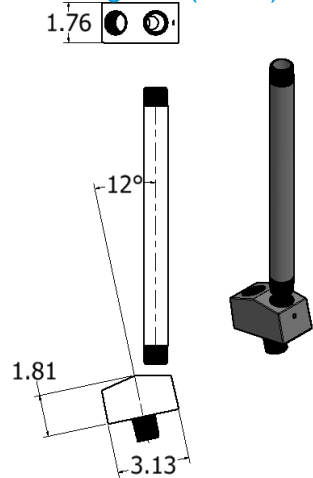
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J-Box Pendant Mounting (JBP)



Pendant Adapter 12 Degrees (PA12)



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EX B Series

Ordering Guide

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Luminaire Catalog Number			Catalog Adder				Options	
Model Number	Power Consumption (Watts)	Product Series	Dimming or Non-Dimming	LED CCT	Beam Distribution	Input Voltage	Luminaire Mounting	Accessories
EX	20W	B2	D - Dimming	3 - 3000k	40 - 40°	V1- 120V - 277V	Y - Yoke	BP - Integral 90-Minute Emergency Battery Pack**
	40W		N - Non-dimming	4 - 4000k	60 - 60°	V2 - 200V - 480V*	P - Pendant	
	60W	B		5 - 5000k	90 - 90°		S90 - Stanchion 90°	MS - Integral Motion Sensor with 360° View
	80W				120 - 120°		S25 - Stanchion 25°	
	100W						JS90 - J-Box Stanchion 90°	
	120W	B3					JS25 - J-Box Stanchion 25°	
	150W						JBP- J-Box Pendant Mounting	
	200W						PA12 - Pendant Adapter 12°	
	250W	B4						
	300W							
	350W							
	400W							

*Product size B2 **not** available with V2 option.
**Ambient operating temperature not to exceed 35°C.

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Revision Table		
Revision	Description	Date
-	Original Release	6/4/19
A	New Beam Distributions	6/27/19
B	Added Size B4 and removed Glass Jar accessory	6/12/22
C	Added Emergency Battery and Motion Cell accessories.	6/10/25

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