

EX B Series

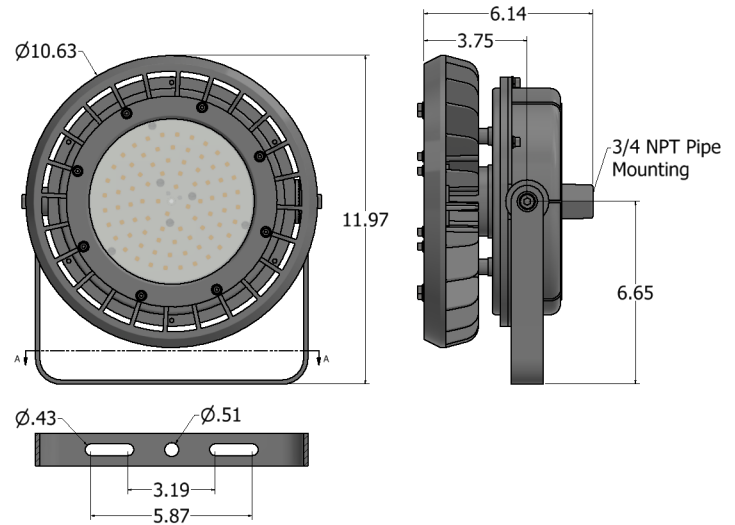
Construction

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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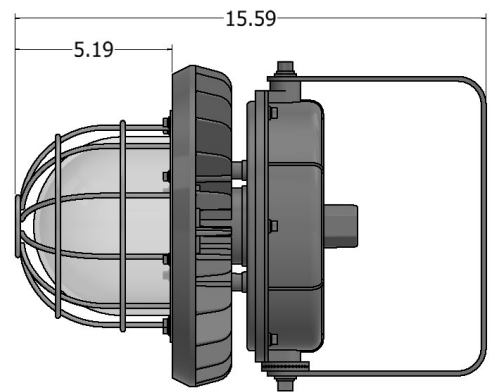
Ratings and Certifications

- 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
- 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



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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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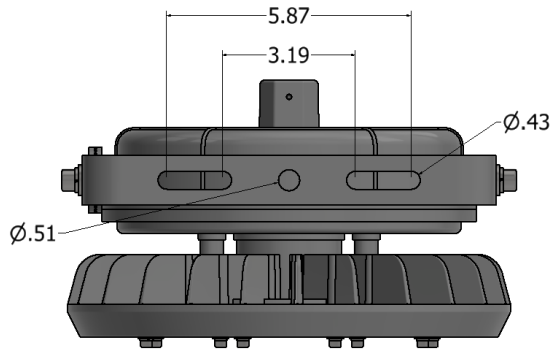
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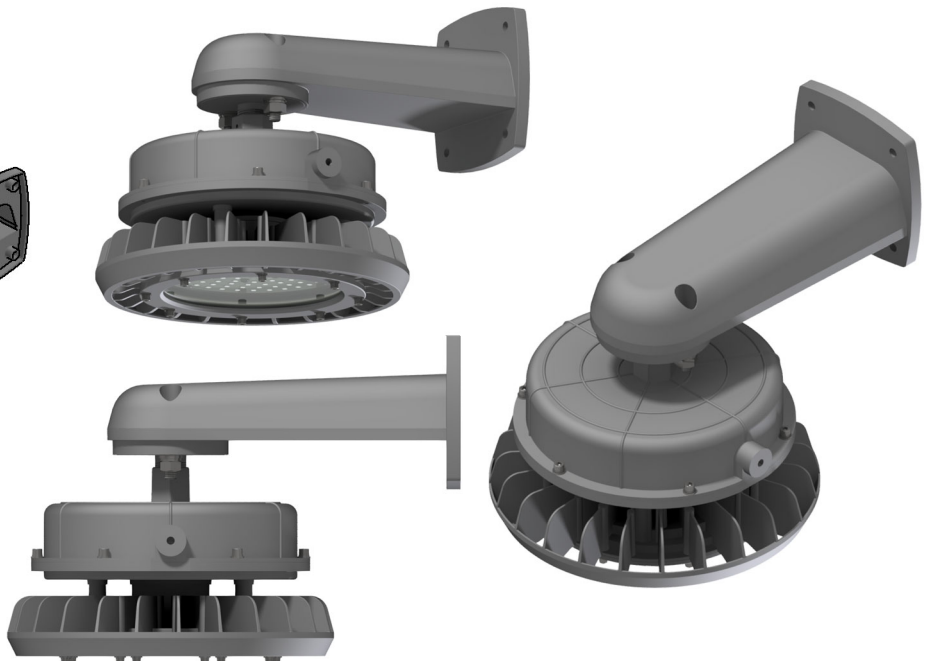
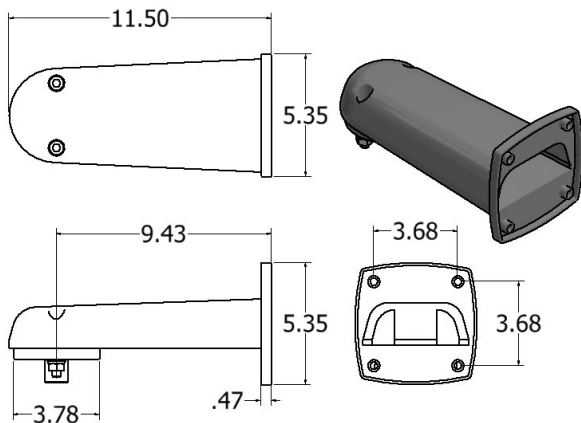
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Mounting Options

Yoke Mounting (Y)



Wall Mount Bracket 90 degrees (WM90)



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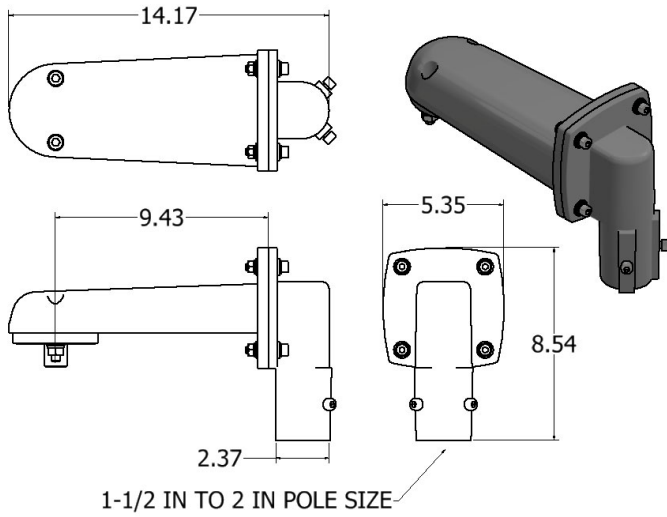


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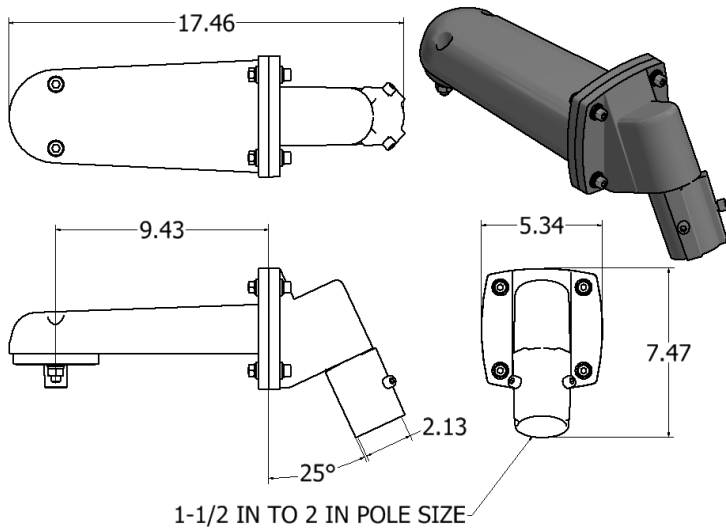
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Pole Stanchion 90
Degrees (S90)



Pole Stanchion 25
Degrees (S25)



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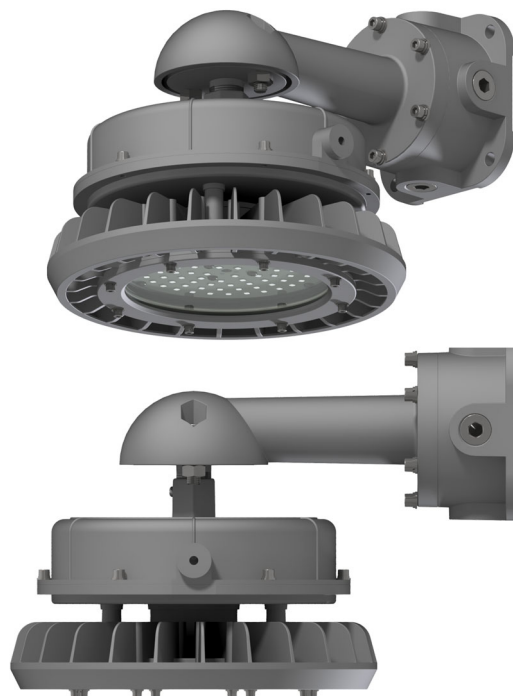
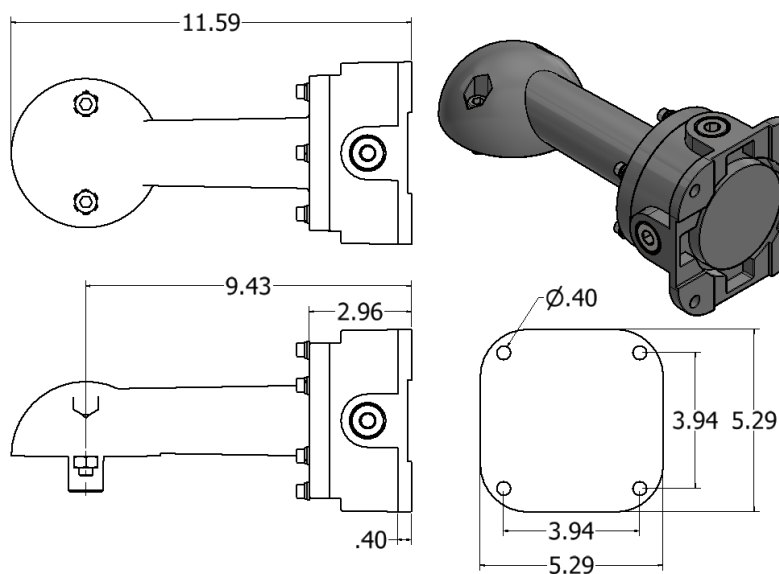


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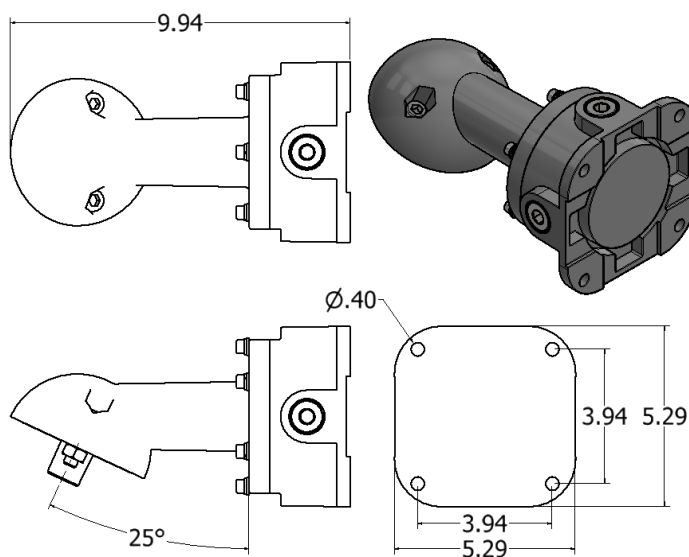
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J-Box Stanchion Mounting 90
Degrees (JS90)



J-Box Stanchion Mounting 25
Degrees (JS25)



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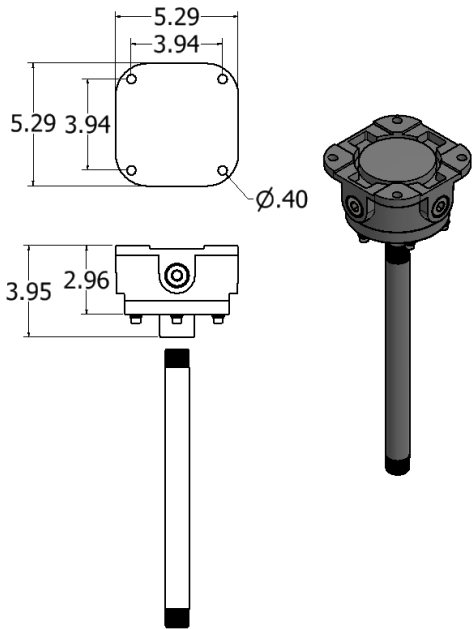


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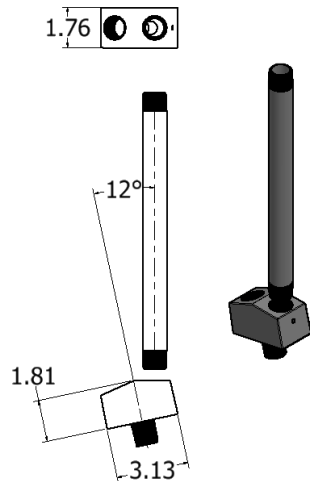
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J-Box Pendant Mounting (JBP)



Pendant Adapter 12 Degrees (PA12)



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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 degrees	V1- 120V - 277V	Y - Yoke	
	40W		N - Non-dimming	4 - 4000k	60 - 60 degrees	V2 - 200V - 480V	P - Pendant	
	60W	B		5 - 5000k	90 - 90 degrees		S90 - Stanchion 90-degree	
	80W				120 - 120 degrees		S25 - Stanchion 25-degree	
	100W						JS90 - J-Box Stanchion 90-degree	
	120W	B3					JS25 - J-Box Stanchion 25-degree	
	150W						JBP- J-Box Pendant Mounting	
	200W						PA12 - Pendant Adapter 12 degrees	
	250W	B4					Note: Size B2 is not available in V2 Voltage option	
	300W							
	350W							
	400W							

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