

Product # \_\_\_\_\_ Type \_\_\_\_\_ Date \_\_\_\_\_

Project Name \_\_\_\_\_

Project Location \_\_\_\_\_ Prepared By \_\_\_\_\_

## EX D Series

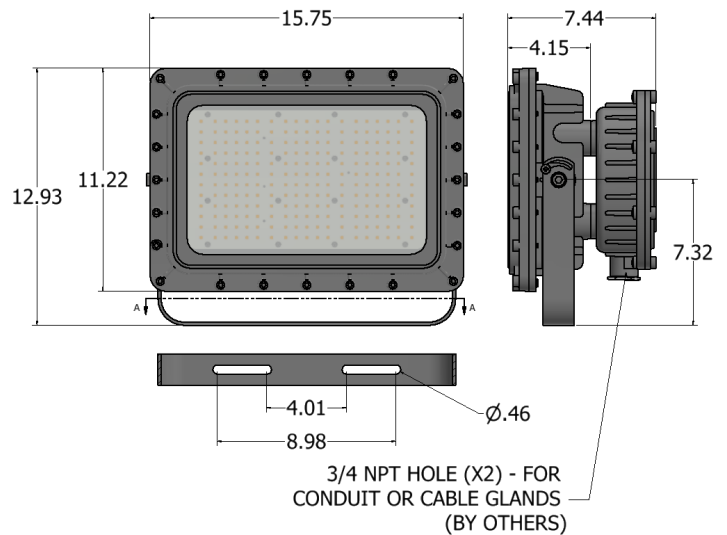
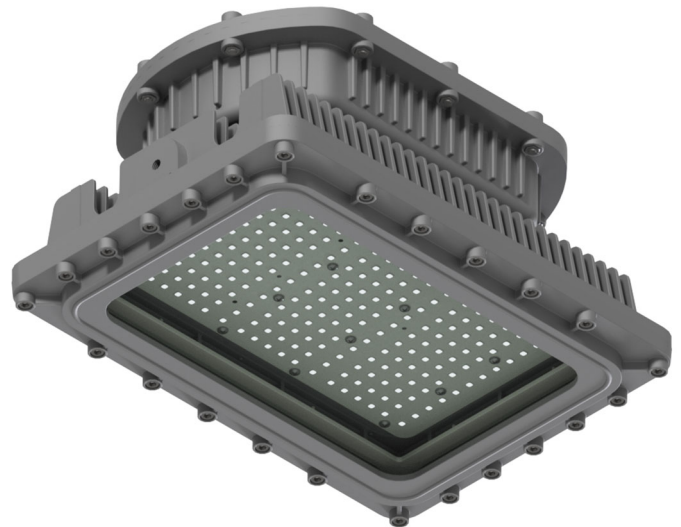
### Construction

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



*Due to continuing efforts to improve our products, North Star Lighting reserves the right to make changes to this product at any time without prior notice.*



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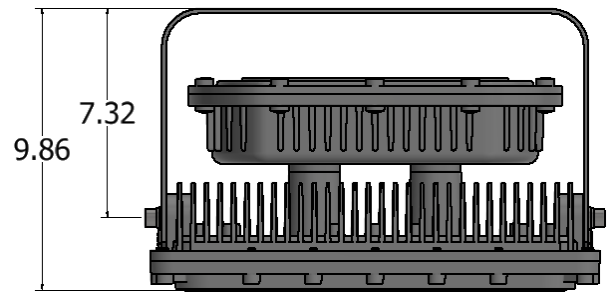
## Ratings and Certifications

- UL 1598/UL 1598A/UL 844
- CSA C22.2 No. 137/No. 250.0  
Class I, Division 1, Groups C, D  
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: >70
- LED CCT: 3000K, 4000K, 5000K
- Beam Distribution: 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
D	60	120-277/200-480	8400	140	3K/4K/5K	70	60/90/120
D	80	120-277/200-480	11200	140	3K/4K/5K	70	60/90/120
D	100	120-277/200-480	14000	140	3K/4K/5K	70	60/90/120
D	120	120-277/200-480	16800	140	3K/4K/5K	70	60/90/120
D	150	120-277/200-480	21000	140	3K/4K/5K	70	60/90/120
D	180	120-277/200-480	25200	140	3K/4K/5K	70	60/90/120
D	200	120-277/200-480	28000	140	3K/4K/5K	70	60/90/120
D	220	120-277/200-480	30800	140	3K/4K/5K	70	60/90/120

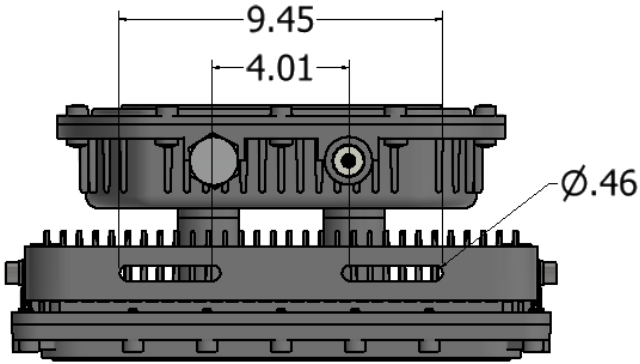
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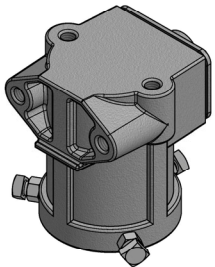
# EX D Series

## Mounting Options

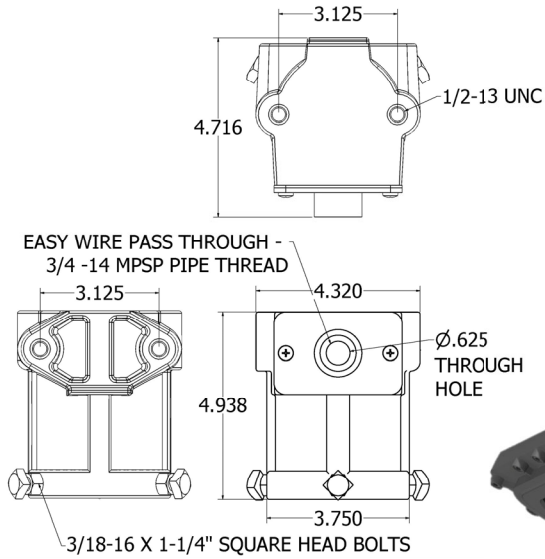
### Yoke Mounting (Y)



### 2 Inch Pipe Tenon Slip-fitter (SB-5)



FITS 2" TO 2-1/2"  
PIPE (2 3/8" TO  
2 7/8" OD)



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**NORTH STAR**  
LIGHTING

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# EX D 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	60W	D	D - Dimming	3 - 3000k	60 - 60 degrees	V1 - 120V - 277V	Y - Yoke	
	80W		N - Non-dimming	4 - 4000k	90 - 90 degrees	V2 - 200V - 480V	SB-5 - 2" Tenon Slipfitter	
	100W			5 - 5000k	120 - 120 degrees			
	120W							
	150W							
	180W							
	200W							
	220W							

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