Star Series

Hazardous Location LED Highbay

Project:	
Type:	
Catalog # :	

FME Lighting | 877 - 234 - 8460 | info@fmelighting.com

FEATURES

- High efficacy: up to 140lm/W
- IP66
- Input Voltage 120–277V or 347–480V, 12-24V DC
- Ambient Temp
  - 120V = -40°C - 40°C
  - 277V = -40°C - 55°C
- L70 Rating of 150,000 hours
- Variable optics: 40° 60° 90° 120° (for uniform illumination)
- Lumen Output: 2800lm - 39,200lm
- **Standard Pendant Mt**
- Copper free aluminum
- **Standard U-Bracket**
- Battery Back up (100-280W)

  Standard 2ft cable out of 3/4" threaded hub on top
- 5-year and 10-year warranties available. Please specify when selecting a part number.

  Note: Actual performance may differ as a result of end-user environment and application.
- Emergency back up available, no additional space required

CLASSIFICATION

Marking:

- UL 844 Hazardous Locations
- UL 1598 Wet Locations
- UL 1598A Marine Outside
- UL 8750 LED Safety

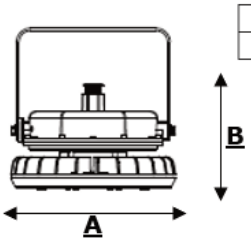
UL844 Marking (North American)

- Class I, Division 1, Groups C & D
- Class I, Division 2, Groups A, B, C & D
- Class II, Division 1, 2, Groups E, F & G
- Class III

Other Ratings:

- CSA C22.2 No. 250.0-08
- CSA C22.2 No. 137-M1981
- IP66
- DLC Listed
- CNEX
- ATEX
- IECEX
- ATEX

DIMENSIONS



Model	A	B
Star Series	16"	12.7"

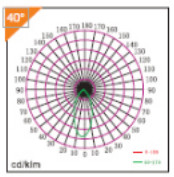
5 Year and 10 Year Warranties Available

BAA and TAA available. Contact factory for more information and pricing.

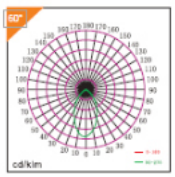
For Stock Options:
Please click here or visit: https://www.fmelighting.com/Inventory.html

PHOTOMETRICS

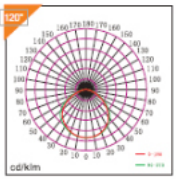
40°



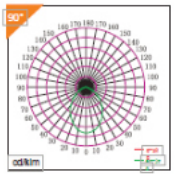
60°



120° - STANDARD



90°



MOUNTING CONFIGURATION

Ceiling Mounted Bracket (Standard)

Side View Top View

Ceiling mounted bracket comes standard with the Moon, Star, and Mars Series.**

Explosion Proof Junction Box (OPEB)

** OPEB can be used with the Moon, Star, and Mars Series.**

Conduit 47(in)

Stanchion Mounts

25° Stanchion (OPPS25)

90° Stanchion (OPPS90)

Stanchion mount can be used with the Moon, Star, and Mars Series.

Wall Mounts

25° Wall Mount (OPWA25)

90° Wall Mount (OPWA90)

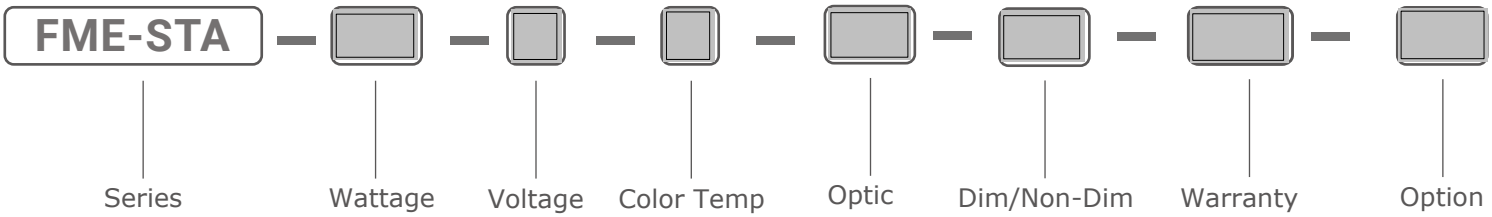
wall mount can be used with the Moon, Star, and Mars Series.

TECHNICAL PARAMETERS

Item No.	FME-STA-6	FME-STA-8	FME-STA-10	FME-STA-15	FME-STA-20	FME-STA-22
Power	60W	80W	100W	150W	200W	220W
Input Voltage	120-277V OR 347-480V					
Lumen	8,400	11,200	14,000	21,000	28,000	30,800
Light Efficency	140lm/W					
CCT	4000K / 5000K					
CRI	>70					
IP	IP66					
Certification	ETL listed, UL844, UL 1598, UL 1598A, CSA standard, ABS, ATEX, IECEx certified, IP66					

ORDERING INFORMATION

ORDERING GUIDE



SERIES

FME-STA

WATTAGE

4 = 40W
6 = 60W
8 = 80W
10 = 100W
15 = 150W
20 = 200W
25 = 250W
28 = 280W

VOLTAGE

A = AC100-277V
B = AC277-480V
C = 12-48 vdc

COLOR TEMP

I = 4000K
C = 5000K (std)
K = 6000K

OPTIC

M =40°
N = 60°
O = 90°
P = 100°
Q = 110°
R = 120° (std)

DIM/NON-DIM

D = Dimmable
ND = Non-Dimmable (std)

WARRANTY

5Y = Five Year Std
10Y* = Ten Year Warranty*
**Please contact factory for 10yr option.*

OPTION

OPPS25 = 25° Stanchion
OPPS90 = 90° Stanchion
OPWA25 = 25° Wall Mount
OPWA90 = 90° Wall Mount
OPEB = Junction Box
OPC = 47'Conduit
OPGG = Globe & Wire Guard
OPDR = Dome Reflector
OPAR =Angle Reflector
EM = Battery Backup (100-280W)
BAA** = Buy American Act Compliant**
TAA** = Trade Agreements Act Compliant**
***Please contact factory for BAA and TAA options.*

For Stock Options:
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Class I locations are those in which inflammable gases or vapors are or may be present in sufficient quantities to produce explosive or flammable mixtures.

CLASS I, DIVISION 1
Class I, Division 1 locations are where hazardous atmosphere may be present during normal operations. It may be present continuously, intermittently, periodically or during normal repair or maintenance operations, or those areas where a breakdown in processing equipment releases hazardous vapors with the simultaneous failure of electrical equipment.

CLASS I, DIVISION 2
Class I, Division 2 locations are those in which volatile flammable liquids or gases are handled, processed or used. Normally they will be confined within closed containers or in closed systems from which they can escape only in the case of rupture or deterioration of the containers or systems.

Class II Locations

Class II locations are those that are hazardous because of the presence of combustible dust.

CLASS II, DIVISION 1
Class II, Division 1 locations include areas where combustible dust may be in suspension in the air under normal conditions in sufficient quantities to produce explosive or ignitable mixtures (Dust may be emitted into the air continuously, intermittently or periodically), or where failure or malfunction of equipment might cause a hazardous location to exist and provide an ignition source with the simultaneous failure of electrical equipment, included also are locations in which combustible dust of an electrically conductive nature may be present.

CLASS II, DIVISION 2
Class II, Division 2 locations are those in which combustible dust will not normally be in suspension nor will normal operations put dust in suspension, but where accumulation of dust may interfere with heat dissipation from electrical equipment or where accumulations near electrical equipment may be ignited.

Class III Locations

Class III locations are those considered hazardous due to the presence of easily ignitable fibers of flyings, which are in quantities sufficient to produce ignitable mixtures.

CLASS III, DIVISION 1
Locations in which easily ignitable fibers or materials producing combustible flyings are handled, manufactured or used.

CLASS III, DIVISION 2
Locations where easily ignitable fibers are stored or handled.