HOT SERIES

High Temperature High Bay
HOT-FME Series

Product description

The HOT-FME Series LED Luminaire combines optical performance, energy efficiency, and outstanding versatility to meet the requirements of high temperature lighting applications up to 80C. The HOT fixtures is designed to hold up in high-temperature, dust, and corrosive environments. A wide range of light outputs are offered to eplace 400W-800W HID / HPS / Metal halide and four-to-eight lamp T5/T8 high intensity fluorescent fixtures. HOT-FME Series offers higher efficacy for increased energy savings, lower maintenance costs and shorter paybacks.

Features

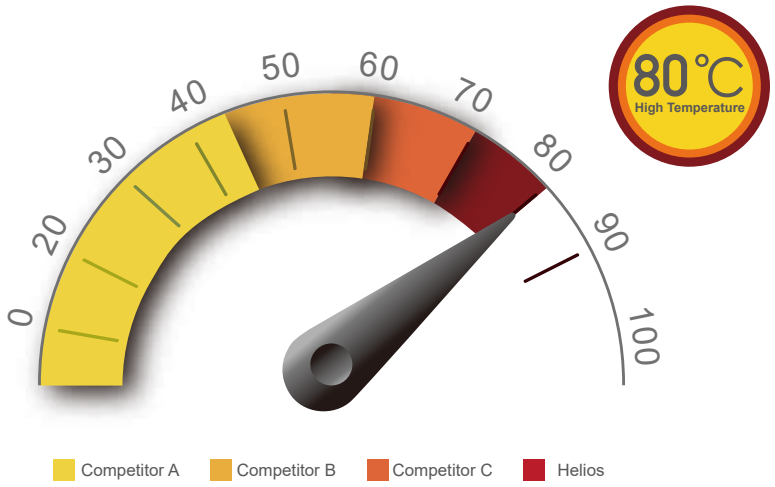
- Innovative design with excellent heat dissipation
- Heat-sinking technology ensures long lifespan and low lumen depreciation
- IP67 Rated
- Tempered Glass Lens
- Heavy Duty Anodized Die-cast aluminum housing and corrosion resistant coating
- Temperature range from -40C to +80C (-40F to 176F).

Compliance

UL1598 / DLC4.2 / FCC
CE / RoHS
IP67

Application

Steel plant
Aluminum smeltery
High-temperature, dust,
corrosive gas environment



Warranty

2-Year Standard Warranty

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

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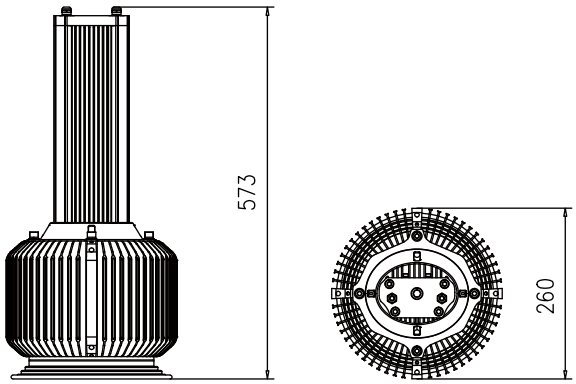
Product Dimensions



Model	Net weight	Dimensions (L×W×H)	Gross weight	Dimensions (L×W×H)
HOT-FME-15W	11.0kg/22.3lbs	Φ260×573mm Φ10.2×22.6in	12.2g/26.9lbs	632×309×315mm 24.9×12.2×12.4in

Mounting

Hanging Ring | Pendant | Junction Box NPT 3/4′ | Twin Mount

Technical Parameter

Electrical

Specification	FME-HOT-150S-V01
Rated Power	150W
Input Voltage	AC 120-277V (200~480V Coming soon)
Input Frequency	50/60Hz
Power Factor	≥0.95
Driver Efficiency	≥90%
Dimmable	0/1~10V

Optical

Specification	FME-HOT-150S-V01
Lumen Output	22500Lm
Lumens Per Watt	150Lm/W
Beam Angle	60° /110°
Correlated Color Temperature (CCT)	4000K/5000K/5700K
Color Rendering Index (CRI)	Ra≥70

Environmental

Specification	FME-HOT-150S-V01
Ambient Operating Humidity	10%～90% RH
Ambient Operating Temperature	-40°C ～+80°C
Optimal Operating Temperature	25°C (77°F)

Mechanical

Specification	FME-HOT-150S-V01
Housing Material	Aluminum
Lens Material	Tempered glass
Mounting Options	Pendant / Hanging Ring / Junction Box

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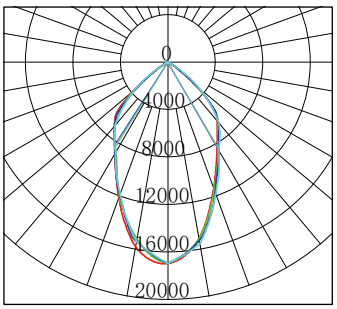
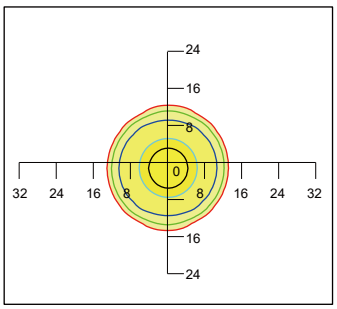
Photometric

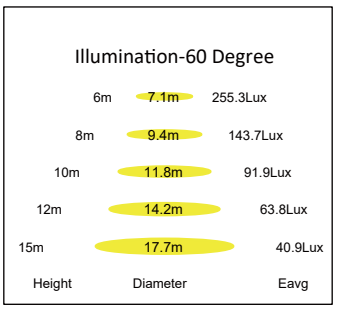
60 Degree



C0/180,61.1°
C30/210,61.6°
C60/240,62.7°
C90/270,62.2°

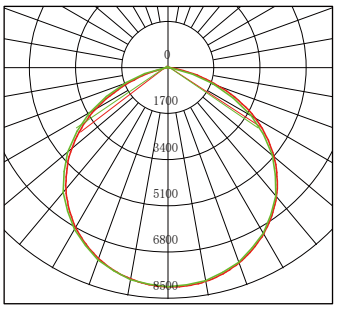


Mounting Height 33'(10m), 0 Tilt

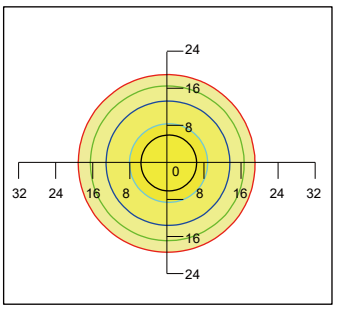


Flux out: 10424 lm

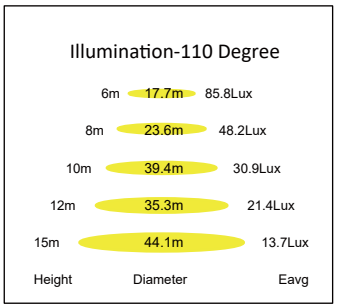
110 Degree



V 0.0DEG PLAN,111.8
H 0.0DEG PLAN,112.2



Mounting Height 33'(10m), 0 Tilt



Flux out: 21319 lm

Ordering Information

HOT-FME – 150S – B – M – 6 – B – XX

Series	Wattage	Voltage	Color Temp	Beam Angle	Dimming	Option

SERIES
HOT

WATTAGE
15W=150W

VOLTAGE
L=AC120-277V
H= AC347-480V

COLOR TEMP
S= 4000K
I= 5000K
C= 5700K

BEAM ANGLE
*6D=60°
110D=110°

DIMMING
B=0/1-10V

OPTION
JB = Junction Box NPT 3/4"
SP = 10KV Surge Protector
SC = Stainless Steel Safety Cable kit
TWN = Twin Mount

* 60 Degree Optic requires stainless steel reflector