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 in high-temperature, dust, corrosive

gas enviroment, delivers a wide range of light outputs that replace 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 performance
- Heat-sinking technology ensures long lifespan and low light decline
- IP67 protection for wet locations
- Imported tempered glass lens, non-yellowing and non-cracking for long term application
- Heavy Duty Anodized Die-cast aluminum housing and corrosion resistant coating
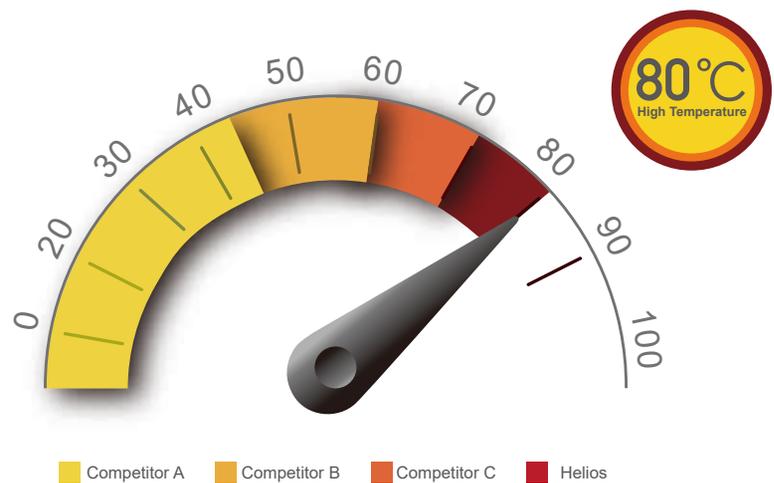- Temperature range from -40C to +80C (-40F to 176F).

Compliance

UL1598 / DLC4.2 / FCC
CE / RoHS
IP67

Application

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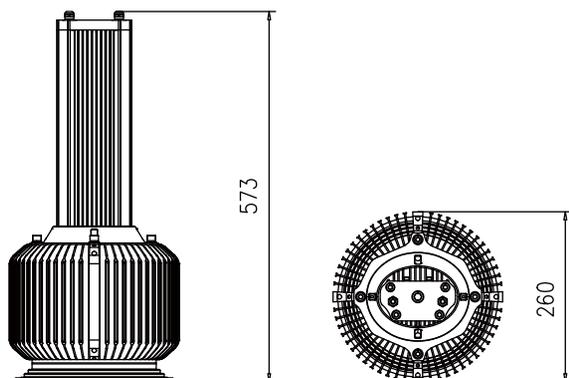High-temperature, dust, corrosive gas environment

80°C
High Temperature

Competitor A   Competitor B   Competitor C   Helios

Warranty

2-Year Standard Warranty

HOT SERIES

Product Dimensions

Model	Net weight	Dimensions (L×W×H)	Gross weight	Dimensions (L×W×H)
HOT-FME-150S	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'

Technical Parameter

Type your text

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

Typ

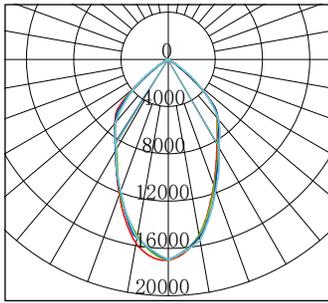| Specification	FME-HOT-150S-V01
Ambient Operating Humidity	10%～90% RH
Ambient Operating Temperature	-40°C ～+80°C
Optimal Operating Temperature	25°C (77°F)

Mechanical

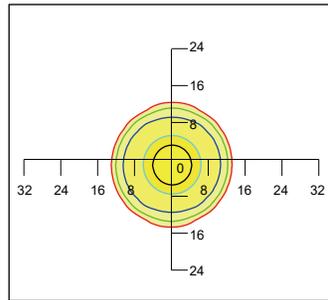| Specification	FME-HOT-150S-V01
	Type your text
Housing Material	Aluminum
Lens Material	Tempered glass
Mounting Options	Pendant / Hanging Ring / Junction Box

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

Illumination-60 Degree
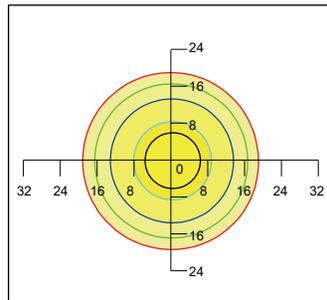
Height	Diameter	Eavg
6m	7.1m	255.3Lux
8m	9.4m	143.7Lux
10m	11.8m	91.9Lux
12m	14.2m	63.8Lux
15m	17.7m	40.9Lux

Flux out: 10424 lm

110 Degree
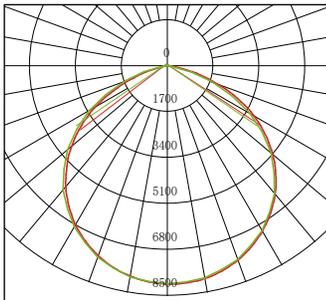
- V 0.0DEG PLAN,111.8
- H 0.0DEG PLAN,112.2

Mounting Height 33'(10m), 0 Tilt

Illumination-110 Degree

Height	Diameter	Eavg
6m	17.7m	85.8Lux
8m	23.6m	48.2Lux
10m	39.4m	30.9Lux
12m	35.3m	21.4Lux
15m	44.1m	13.7Lux

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
150S=150W

VOLTAGE
B=AC120-277V
N= AC347-480V

COLOR TEMP
L= 4000K
Z= 5000K
M= 5700K

BEAM ANGLE
6=60°
B=110°

DIMMING
B=0/1-10V

OPTION
JB02=Junction Box NPT 3/4"
SP01=10KV Surge Protector
SC01=Stainless Steel Safety Cable kit