



BLAZE™ GST

High Temperature Lighting

Withstand up to 194°F (90°C) ambient temperature, the GSH series LED luminaire offers exceptional efficacy of 160lm/W and low maintenance cost to meet the demand of hot industrial environments. From 16,000 to 72,000 lumen output, it ideally replaces 250W-1000W HID fixtures.

Compliance

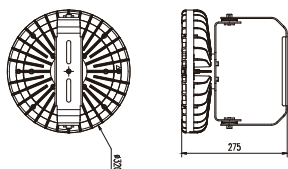
- CE
- UL 1598 Wet Location
- UL 8750 LED Safety
- IP67
- IK09

Features

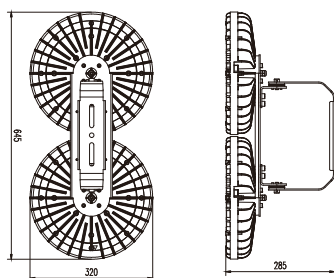
- Operation temperature up to 90°C
- Wattage range from 100W (16,000lm) to 450W (72,000lm)
- Luminous efficiency up to 160lm/W
- 120V / 220V / 277V AC
- 20,000hrs @90°C (2 years)
- 30,000hrs @80°C (3 years)
- limited system warranty

Dimensions

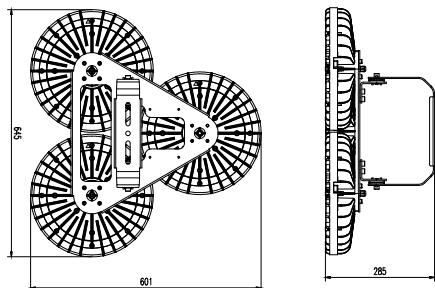
Dimensions in millimeters(mm)



1 module



2 modules



3 modules

Technical Data

Electric

Rated Power	100 / 150 / 200 / 300 / 450W
Input Voltage	120V / 220V / 277V AC
Input Frequency	50/60Hz
Power Factor	> 0.90
Driver Efficiency	≥ 90%
DC output Ripple & Noise	< 200mVP-P

Optical

Lumen Output	16,000lm ~ 72,000lm
Luminous Efficacy (Lumens per Watt)	160lm/W
Beam Angle	Type V
Correlated Color Temperature (CCT)	2700K 3000K 4000K 5000K
CRI	Ra>70

Environmental

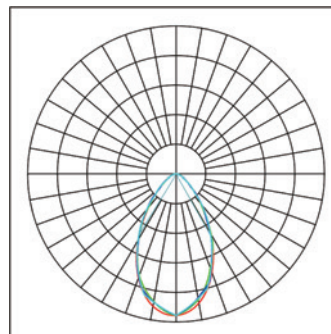
Ambient Operating Temperature	-40°C~+90°C
Ambient Operating Humidity	10%~90% RH

Technical

Lens Material	Glass
Mounting Options	Hanging
Net Weight	5kg

Beam Distribution

Tipo V



Ordering Information and Mounting Accessories

GST	16	U1	T5	NW	TG	HR	BL	XX
Model GST	Lumens	Voltage	Optics	Color Temp	Lens	Mount Style	Color	Accessories
	16 - 16,000 lm (100w) 24 - 24,000 lm (150W) 32 - 32,000 lm (200w) 48 - 48,000 lm (300W) 72 - 72,000 lm (450w)	U1 - 120V U2 - 220V U3 - 277V	T5 - Tipo V	WW - 2700K (Warm white) SW - 3000K (Soft white) NW - 4000K (Neutral white) CW - 5000K (Cool white)	TG - Transparente glass	HR - Hanging ring HE - Malleable Hook TB4 - Trunnion Bracket	BL - Black	HR - Hanging ring HE - Hanging Malleable hook SC - Safety cable TJB - Twin-mount Junction Box

Mounting Options



Trunnion Bracket

Accessories



HR
Hanging Mount-A
Hanging Ring



HE
Hanging Mount-B
Malleable Hook



SC
Stainless steel
safety cable



TJB
Twin-mount
Junction Box