

HIGH BAY HOT SERIES

80°C HIGHBAY



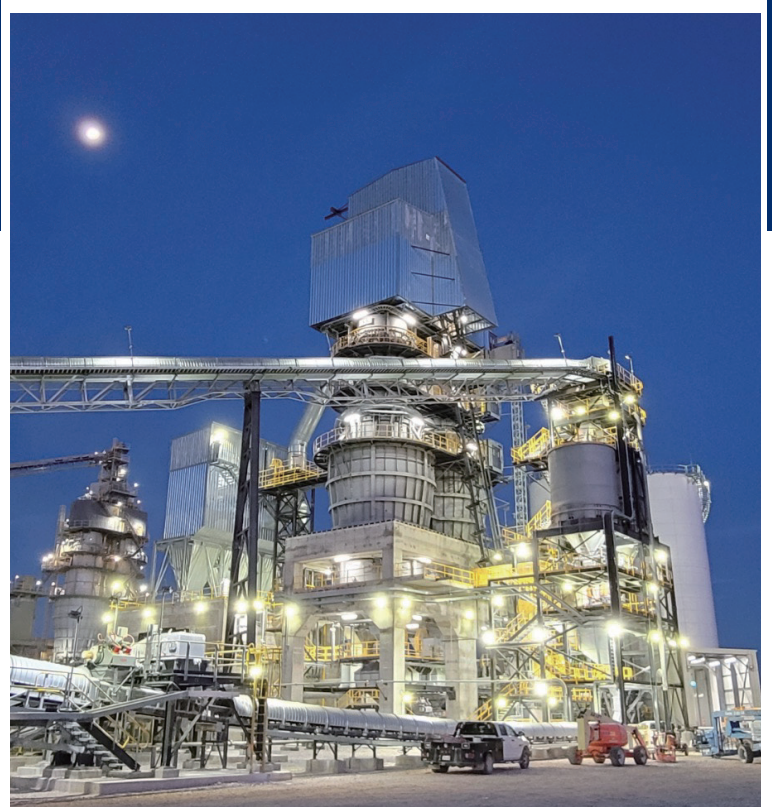
Reliable. Durable. Efficient.

22,158 lumen models

RED SKY
SERIOUSLY SAFE LIGHTS™

PIONEERING INDUSTRIAL ILLUMINATION FOR HARSH & HAZARDOUS CONDITIONS

- A leading manufacturer of premium LED lights for demanding work conditions
- Headquartered in California, products assembled in the USA
- Servicing global clients across 4 continents in metal processing, oil & gas, marine, manufacturing
- Renowned for quality, dependability, client care and uncompromising safety standards



WHY CHOOSE RED SKY

❧ SERIOUSLY SAFE LIGHTS

- Rigorously tested in our professional labs
- Surpassing industry certifications and safety protocols
- Crafted with highest grade components for maximum durability

❧ TOP-NOTCH SERVICES

- Team of experts for seamless support
- Energy audit services, lighting simulation services
- Hassle-free return policy and management

❧ FAST DELIVERY

- Majority of orders delivered within 14 days
- Same day shipping for products in stock
- Real-time order tracking for full transparency

❧ SUSTAINABLE SOLUTIONS

- High luminous efficacy LEDs for energy savings
- Conscious product design
- Recyclable materials for products and packaging



HIGH BAY HOT SERIES



Introducing the High Bay Hot Series by Red Sky Lighting, the lighting solution designed to excel in high temperature environments. This series has been rigorously tested and verified by UL, demonstrating an impressive lumen maintenance of up to 95.9% after 10,000 hours of continuous operation at an ambient temperature of 176°F (80°C).

Moreover, the longevity of High Bay Hot Series goes above and beyond, maintaining at least 70% of its original lumen level after an astounding 47,000 to 50,000 hours of continuous use at 176°F (80°C) ambient temperatures. This translates to over 5 years of life with 24/7 operation or over 10 years with 12 hours of daily use, providing unparalleled reliability for our valued customers.

Not only does this lighting series excel in high heat conditions, but it is also built to withstand the harshest environments. Featuring a heavy-duty anodized aluminum housing, our fixtures offer excellent resistance to corrosion, ensuring long-lasting durability. The innovative vertical cooling fin design and driver compartment further enhance performance in extreme heat environments commonly found in industries such as die casting, metalworks, ironmaking, steel production, power generation facilities, and chemical plants.

At Red Sky Lighting, we have full confidence in the durability and longevity of our products. That's why we proudly offer a comprehensive five-year, no-compromise warranty that covers the entire system, including the LEDs, driver, housing, and gaskets. Trust in Red Sky Lighting to provide you with exceptional lighting solutions that deliver exceptional performance and peace of mind.



HIGH BAY HOY SERIES

WISCONSIN, USA

FEATURES



High-Temperature performance with UL-V mark confirm

Operating ambient temperature up to 176°F, with LED Life L70>75,000 Hours@176°F
Over 10,000 hours of operation at 176°F ambient temperature with only 4.1% lumen output depreciation

**10,000 Hours
Projected Lumen
Maintenance At
176° F (80° C)**



Rugged Construction

IP67
Heavy-duty anodized aluminum housing for anti-corrosion

RATINGS

UL 1598 Wet Locations
5G vibration
IP66/IP67
IK08

CERTIFICATIONS

UL1598
UL8750
CSA C22.2 No. 250.0-08
CSA C22.2 No. 250.13-14
V-mark
DLC(Pending)

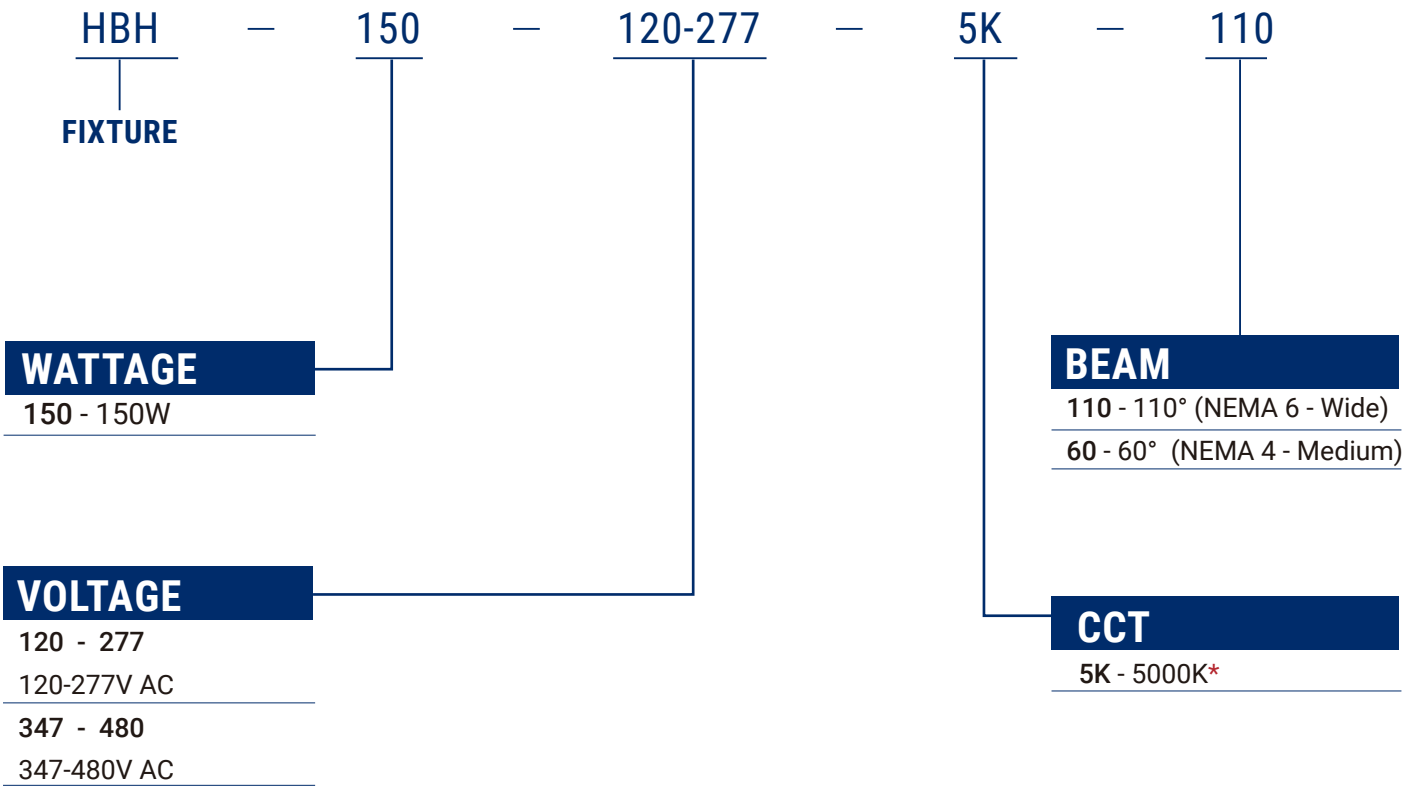
TECHNICAL PARAMETERS

Specification	HBH-150
Electrical Parameters	
Power	150W
Voltage/Frequency	120-277V AC, 347-480V AC 50/60Hz
Power Factor	>90%
THD	<20%
L70	75,000 Hours@176°F
Surge Protection	6KV
Warranty	Standard: 3 Years Extended: 5 Years
Optical Parameters	
Lumen Output*	22,158Lm(110°)/19,970Lm(60°)
Lumen Efficacy*	150Lm/W
Available Beam Angle	60° /110°
Correlated Color Temperature (CCT)	5000K
Color Rendering Index (CRI)	Ra≥70
Mechanical Parameters	
Finish	Thermoset Powdercoat
Hardware	Stainless steel 316
Lens Material	Tempered glass
Mounting Options	Hook, Yoke, Twin
Product Weight	23.8lbs/10.8kg
Wiring	5ft 3x18 AWG STW 600V Power cord
Product Dimensions(L×W×H)	Φ10.2×22.6in (Φ260×573mm)
Environmental Parameters	
Maximum Ambient Temperature	176°F (80°C)
Ambient Operating Humidity	10%~90% RH

* Value calculated based on 5000K 110°, varies to different spec.

ORDERING INFORMATION

EXAMPLE: HBH-150-120-277-5K-110



* For other CCT options, please contact your sales representative.

MOUNTING ACCESSORIES



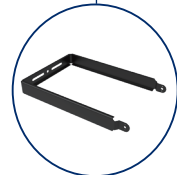
Hook



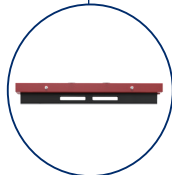
Yoke



Twin



HBH-YOKE



HBH-TWIN



HBH-ALR60

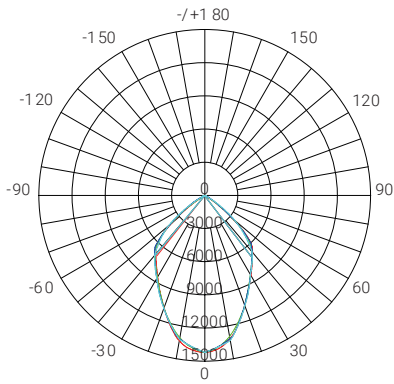
Mounting Method	PN	Description	MPN Code
Yoke	HBH-YOKE	YOKE Mount, Stainless Steel	310010054
Twin	HBH-TWIN	Twin Mounting Kit	309050313
	HBH-ALR60	Aluminum Reflector 60deg	101050004

LUMEN TABLE

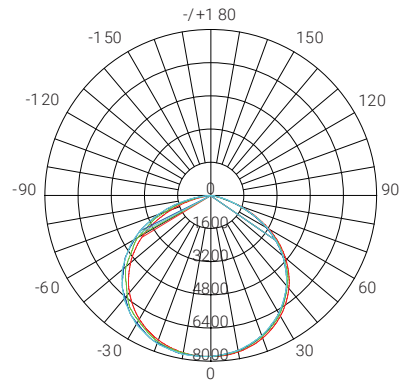
Part Number	Wattage (W)	CCT	Beam	Lens	Lumen Output (Lm)	Efficiency (Lm/W)
Voltage 120-277V AC						
HBH-150-120-277-5K-110	150	5000K	110°	Clear Glass	22,158	153
HBH-150-120-277-5K-60	150	5000K	60°	Clear Glass	19,970	138
HBH-150-120-277-4K-110	150	4000K	110°	Clear Glass	22,589	152
HBH-150-120-277-4K-60	150	4000K	60°	Clear Glass	20,214	137
Voltage 347-480V AC						
HBH-150-347-480-5K-110	150	5000K	110°	Clear Glass	22,388	158
HBH-150-347-480-5K-60	150	5000K	60°	Clear Glass	20,005	139
HBH-150-347-480-4K-110	150	4000K	110°	Clear Glass	22,292	158
HBH-150-347-480-4K-60	150	4000K	60°	Clear Glass	20,200	142

For additional information, please contact your sales representative.

PHOTOMETRIC



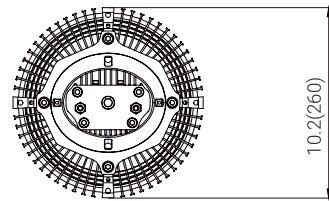
60°
NEMA 4 - Medium



110°
NEMA 6 - Wide

DIMENSIONS

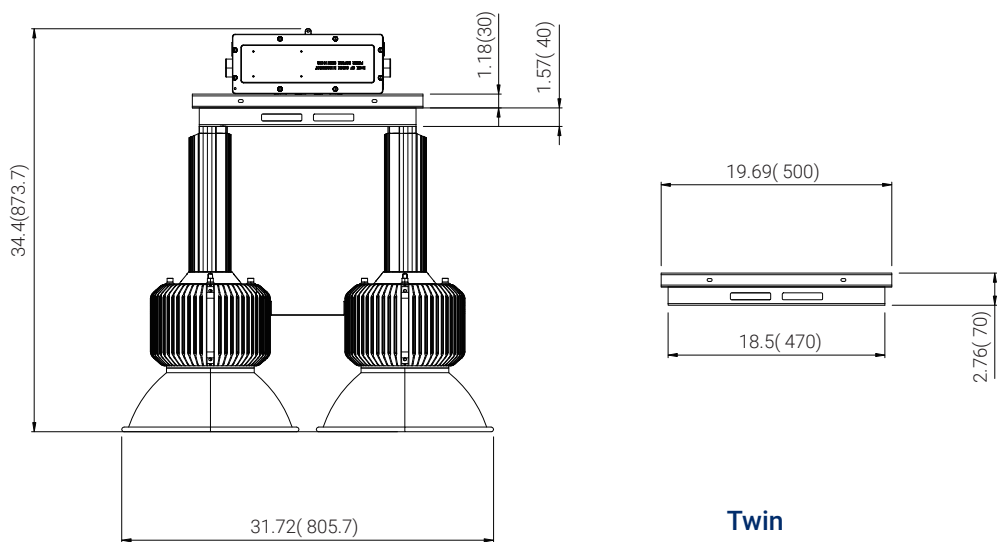
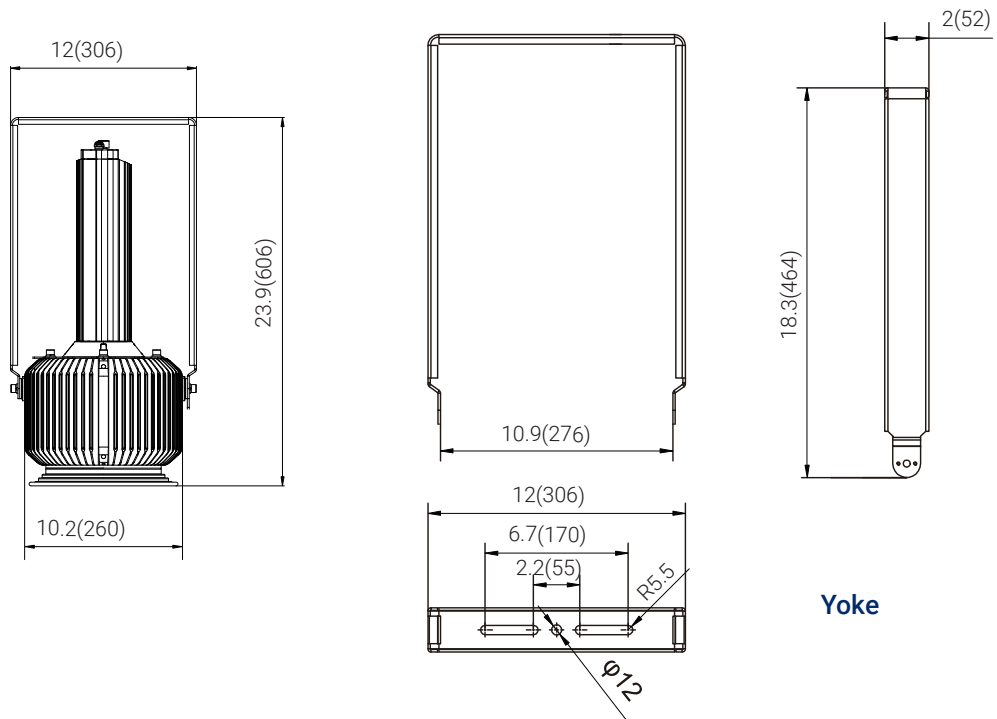
unit: in(mm)



Hook

DIMENSIONS

unit: in(mm)





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Disclaimer

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