



PROJECT NAME

CATALOG NO.

TYPE

DATE

NOTE

IP RATED LED HIGH BAY

RHX Series
IP Rated LED Round High Bay

DESCRIPTION

The Alphalite RHX Series IP Rated LED High Bay delivers high lumen output, long life, economic solution, and no restrike time. This energy-efficient LED luminaire offers one-to-one replacement of existing HID or fluorescent high bays. Precision-formed reflectors delivers adequate light in high mounting applications. Modular driver and LED arrays. Economic solution to optimize payback. Capable of being operated with occupancy sensor



APPLICATION

Various commercial industrial applications with high ceilings: warehouse, manufacturing facilities, retail, gymnasiums, grocery.



SPECIFICATION FEATURES

Benefits

- Attractive ROI
- Lower energy costs
- High quality light for a more productive space

Construction

Rugged die-cast aluminum housing withstands environments without climate control. Outer surface treated with durable powder coating to provide resistance to corrosion, rust, weathering, and UV degradation. Performance-engineered, integral heat dissipation fins and LED thermal substrate provides superior thermal management for long life and reliability.

Electrical

Luminaire utilizes long life, high efficacy LEDs and a highly efficient, reliable LED driver. 120V-277V input voltage for increased versatility. Comes equipped with quick disconnect for compliance with US code.

Mounting

Comes standard equipped with hook mounting. Various mounting options available: J-box, pendant.

Optics

One piece precision molded thick borosilicate glass. High light reflectivity reflectors. 110° beam angle comes in standard.

Finish

Outer surface treated with durable powder coating in black color to provide resistance to corrosion, rust, weathering, and UV degradation.

Certifications / Regulatory

UL listed. DLC QPL listed. All components have safety approvals. Wet location listed. IP65 rated. NSF certified for food processing and food safe environments.

Warranty

7-year limited warranty. See complete warranty terms for details.

Quick Ship Product

- RHX-100/850
- RHX-150/840
- RHX-150/850
- RHX-200/850

ORDERING INFORMATION

Sample Number: RHX-150/850

RHX	150	8	50	(Blank)	(Blank)	(Blank)
Series	Form Factor	CRI	CCT	Input Voltage	Dimming	Beam Angle
RHX - LED IP Rated High Bay	100 - 100W 150 - 150W 200 - 200W 240 - 240W	8 - 80+ CRI	40 - 4000K 50 - 5000K	(Blank) - 120V-277V	(Blank) - 0-10V Continuous Dimming	(Blank) - 110° B90- 90°

Options

Accessories

- WG = Wire Guard
- RHX-RAC = Aluminium Reflector Cone
- RHX-RPC = PC Reflector Cone

Controls

- MMS - Integrated step dimming
- Microwave occupancy sensor

SUMMARY

Input Voltage	120V-277V
Input Frequency	50/60 Hz
Power Factor	> 0.95
THD (Max.)	20%
Efficacy	> 130 LPW
Controls/ Dimming	Full Range 0-10V dimming standard
Dimming Range	10-100%
CRI	80+, R9 > 0
CCT	4000K and 5000K
Operating Temp.	-4 to +122F° (-20 to +55C°)
Rated Life	70,000 hours

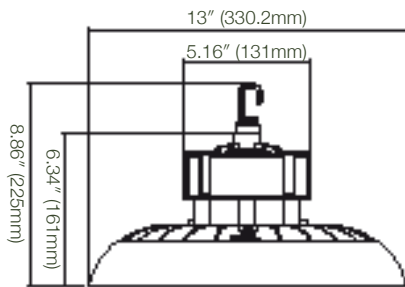
ENERGY PERFORMANCE DATA

Part No.	Rated Wattage (W)	Tested Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
RHX-100/840	100	101	13241	131
RHX-100/850			13392	133
RHX-150/840	150	151	19493	129
RHX-150/850			19665	131
RHX-200/840	200	197	25681	130
RHX-200/850			26588	132
RHX-240/840	240	240	31200	130
RHX-240/850			31440	131

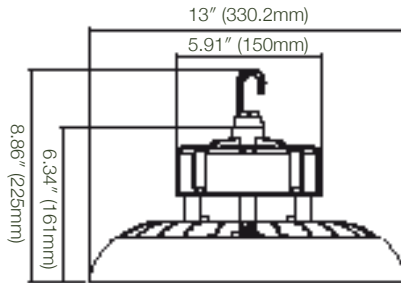
PHYSICAL PARAMETERS

DIMENSION

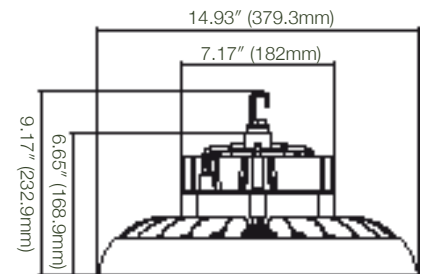
RHX-100



RHX-150

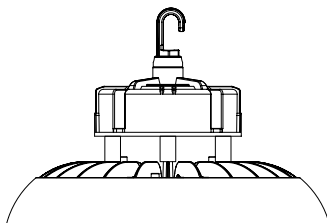


RHX-200 & 240

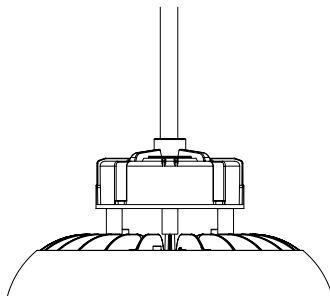


MOUNTING OPTION

Hook Mounting



Pendant Mounting



REFLECTOR OPTION

Aluminium Reflector Cone



PC Reflector Cone

