



PROJECT

TYPE

DATE

ITEM NO.

NOTE

**LED IP RATED HIGH BAY****RHX Series**  
High / Low Bays**DESCRIPTION**

The Alphalite RHX Series LED IP Rated 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: Pendant mount with 3/4" pole.

**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. All components have safety approvals. Wet location listed. IP65 rated.

**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**

Series	Form Factor		CRI	CCT	Input Voltage	Dimming
RHX - LED IP Rated High Bay	<b>100</b>	<b>200</b>	8 - 80+ CRI	40 - 4000K 50 - 5000K	(Blank) - 120V-277V	(Blank) - 0-10V Continuous Dimming
	-100W, 13241lm	-200W, 25681lm				
	<b>150</b>	<b>240</b>				
	-150W, 19493lm	-240W, 31200lm				

Beam Angle	Accessories	Control Options
(Blank) - 110° B90- 90°	WG - Wire Guard	MMS - Microwave motion sensor and daylight sensor

**SUMMARY**

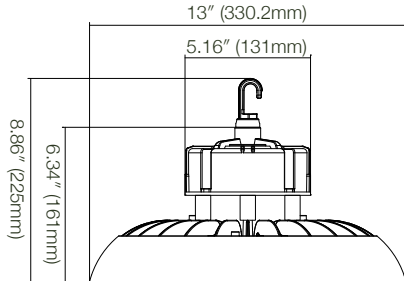
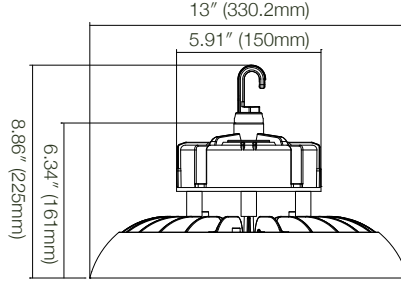
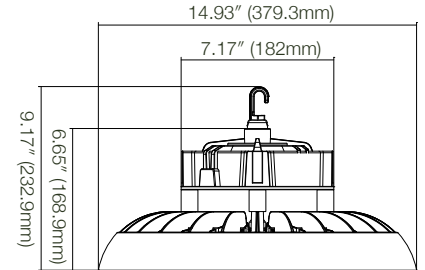
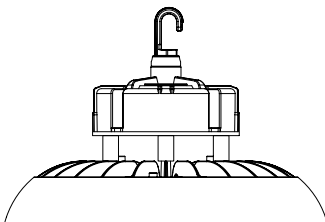
Input Voltage	120V-277V
Input Frequency	50/60 Hz
Power Factor	> 0.95
THD (Max.)	20%
Efficacy	> 130 LPW
Controls/ Dimming	Full Range 0-10V dimming standard
Dimming Range	10-100%
CRI	80+, R9 > 0
CCT	4000K and 5000K
Operating Temp.	-4°F~122°F (-20°C~55°C)
Rated Life	70,000 hours
IP Grade	IP65 rating

**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				
RHX-150/840	150	151	19493	129
RHX-150/850				
RHX-200/840	200	197	25681	130
RHX-200/850				
RHX-240/840	240	240	31200	130
RHX-240/850				

\*The delivered lumens above are based on highest wattage and 4000K.

\*\*Default setting at time of shipping are highest wattage and highest CCT.

**PHYSICAL PARAMETERS**
**DIMENSION**
**RHX-100**

**RHX-150**

**RHX-200 & 240**

**MOUNTING OPTION**
**Hook Mounting**

**Pendant Mounting 3/4"**
