



PROJECT NAME

CATALOG NO.

TYPE

DATE

NOTE

LED IP RATED HIGH BAY

RHXS Series
High Bay

DESCRIPTION

The Alphalite RHXS Series Slim Round 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. Standard with 6ft wire lead. 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 polycarbonate. High light reflectivity reflectors. 90° 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 splash zone and non food zone.

Warranty

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

Quick Ship Product



ORDERING INFORMATION

Sample Number: RHXS-150/850

RHXS	150	8	50	(Blank)	(Blank)	(Blank)	(Blank)
Series	Form Factor	CRI	CCT	Input Voltage	Dimming	Beam Angle	Lens
RHXS - LED	100 - 100W	8 - 80+ CRI	40 - 4000K	(Blank) - 120V-277V	(Blank) - 0-10V Continuous Dimming	(Blank) - 90°	(Blank) - Transparent
IP Rated	150 - 150W		50 - 5000K	120V-277V		B120 - 120° (only available for 150 & 200 & 240W)	F- Frosted lens
High Bay	200 - 200W 240 - 240W (150/100/75) - 150/100/75W Tunable (240/200/150) - 240/200/150W Tunable		A - 5000/4000/3000K	C- 120-347V			

Options

Accessories

- RHXS-RAC - Aluminium Sliver Reflector Cone
- RHXS-RPC - PC Reflector Cone
- RHXS-PMK - Pendant mount kit for 3/4" pole

Controls

- MMS - Integrated step dimming microwave motion sensor

Emergency Backup

- EM30W - 30W EM driver

SUMMARY

Input Voltage	120V-277V
Input Frequency	50/60 Hz
Power Factor	> 0.95
THD (Max.)	20%
Efficacy	> 150 LPW
Controls/ Dimming	Full Range 0-10V dimming standard
Dimming Range	10-100%
CRI	80+
CCT	3000/4000/5000K
Operating Temp.	-22 to +104F° (-30 to +40C°)
Rated Life	70,000 hours

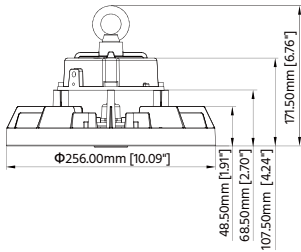
ENERGY PERFORMANCE DATA

Part No.	Rated Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
RHXS-100/840	100	15000	150
RHXS-100/850			
RHXS-150/840	150	22500	150
RHXS-150/850			
RHXS-(150/100/75)/8A	200	30000	150
RHXS-200/840			
RHXS-200/850	240	36000	150
RHXS-240/840			
RHXS-240/850	240	36000	150
RHXS-(240/200/150)/8A			

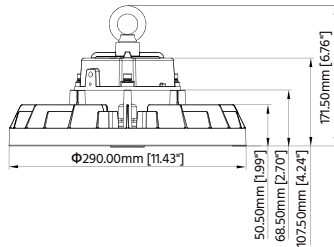
PHYSICAL PARAMETERS

DIMENSION

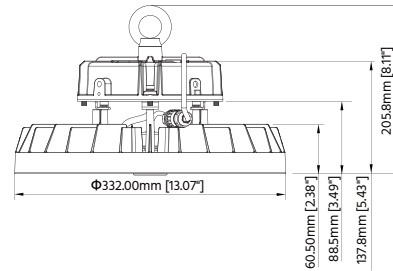
RHXS-100



RHXS-150



RHXS-200-240



MOUNTING OPTION

Hook Mounting



Pendant Mounting 3/4"



REFLECTOR OPTION

Aluminium Reflector Cone



PC Reflector Cone



CONTROL OPTION

MMS



Emergency Backup

