Alphalite Inc.

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. 120-277V input voltage for increased versatility. Comes equipped with quick disconnect for compliance with US code.

Mounting
Comes standard equipped with hook mounting. Optional pendant mount for outside diameter 3/4" threads stem, need to add the pendant mount kit RHXS-PMK, stem not provided.

Optics
One piece precision molded polycarbonate. High light reflectivity reflectors. 90º bean 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
cULus listed. DLC 5.1 Premium 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

RHXS-(150/100/75)/8A
RHXS-(240/200/150)/8A
RHXS-(150/100/75)/8A-WH

ORDERING INFORMATION

Sample Number: RHXS-(150/100/75)/8A

RHXS	150/100/75	8	A	(Blank)	(Blank)	(Blank)
Series	Lumen Package	CRI	CCT	Beam Angle	Lens	Finish
RHXS - LED IP Rated High Bay	**(150/100/75)** - 150/100/75W Adjustable **(240/200/150)** - 240/200/150W Adjustable	**8** - 80+ CRI	**A** - Adjustable CCT (5000/4000/3000K)	**(Blank)** - 90º **B120**- 120º option	**(Blank)** - Transparent **F**- Frosted lens	**(Blank)** - Black **WH** - White

Options

Accessories
RHXS-RAC - Aluminium Sliver Reflector Cone
RHXS-RPC - PC Reflector Cone
RHXS-PMK3/4 - Pendant mount kit for outside diameter 3/4" threads stem (Stem not provided)
RHXS-WG - Wire Guard

Controls
MMS-DC-PIR4T - Bi-level dimming PIR motion sensor and daylight switch, field install in 5 seconds (Required RC-100 Sensor Configuration Tool)
MMS-DC4T - Bi-level dimming microwave motion sensor and daylight switch, field install in 5 seconds (Required RC-100 Sensor Configuration Tool)
MPS06S - Bi-level dimming microwave motion sensor with daylight harvesting, field install in 5 seconds (Required RC-RM51 Sensor Configuration Tool)

Emergency Backup
EM-RM30W-GN - 40W emergency backup (Required RC-RN1 as remote control)

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Rev. RHXS_081125

SUMMARY

Input Voltage	120-277V
Input Fequency	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
	3000/4000/5000K Selectable
Operating Temp.	-22°F to +104°F (-30°C to +40°C)
Rated Life	70,000 hours

ENERGY PERFORMANCE DATA

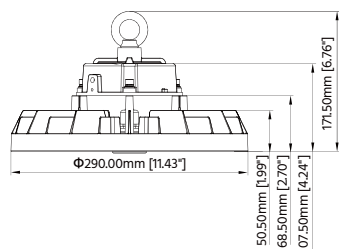| Part No.	Rated Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
RHXS-(150/100/75)/8A	150/100/75	22500/15000/11250	150
RHXS-(240/200/150)/8A	240/200/150	36000/30000/22500	150

*The delivered lumens above are based on highest wattage and 4000K.
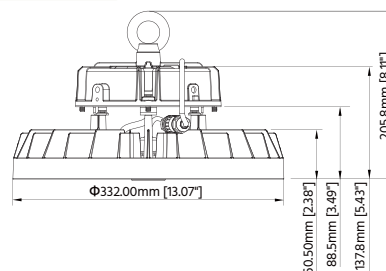**Default setting at time of shipping are highest wattage and highest CCT.

PHYSICAL PARAMETERS

DIMENSION

RHXS-150

Φ290.00mm [11.43"]
50.50mm [1.99"]
68.50mm [2.70"]
107.50mm [4.24"]
171.50mm [6.76"]

RHXS-240

Φ332.00mm [13.07"]
60.50mm [2.38"]
88.5mm [3.49"]
137.8mm [5.43"]
205.8mm [8.1"]

MOUNTING OPTION

Hook Mounting

Pendant Mount Kit

REFLECTOR OPTION

Aluminium Reflector Cone
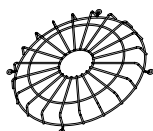

PC Reflector Cone

CONTROL OPTION

Wire Guard

Emergency Backup

MMS sensor

MMS-DC-PIR4T

RC-100

MMS-DC4T
OR
MPS06S

RC-RM51

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