Alphalite Inc.

LED IP RATED HIGH BAY

RWUX Series
High Bay

0 -10V Continuous
DIMMING

Wireless Control Enabled

c **UL** us LISTED

5 YEAR WARRANTY

DESCRIPTION

The Alphalite RWUX 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 and wireless controller.

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
- Field adjustable light output and CCT
- Field install sensor in 5 seconds

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. 6KV surge protection. Flicker percent less than 3%. Operate in humidity up to 90%. Comes equipped with quick disconnect and 6ft wire lead for compliance with US code. Built-in 3.5mm audio receptacle for sensor control.

Mounting
Comes standard equipped with treads hole for 1/2" threads stem (not provided) and attach a hook mount. Optional ring mount kit, surface mount, or add an adapter RWUX-PMK3/4 (1/2" to 3/4") for outside diameter 3/4" threads stem, stem not provided.

Optics
One piece precision molded polycarbonate. High light reflectivity reflectors. 85° 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
cULus listed for wet location rated. IP65 and NEMA 4X.

Warranty
5-year limited warranty. See complete warranty terms for details.

Quick Ship Product

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

ORDERING INFORMATION

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

Series	Lumen Package		CRI	CCT	Voltage
RWUX - LED IP Rated High Bay	**(150/100/75)** - 150/100/75W, 22500/15000/11250lm	**(240/200/150)** - 240/200/150W, 36000/30000/22500lm	**8 -** 80+ CRI	**A -** Adjustable CCT (5000/4000/3500K)	**(Blank) -**120-347V **480 -** 277-480V

Beam Angle	Lens Type	Finish	Control Option
(Blank) - 85° **B120 -** 120°	**(Blank) -** Transparent **F -** Frosted	**(Blank) -** Black **WH -** White	**OS -** Bi-level dimming PIR sensor and daylight switch, field install in 5 seconds (Required RC-100 Sensor Configuration Tool) **OS-BLE -** Wireless Bluetooth with PIR sensor

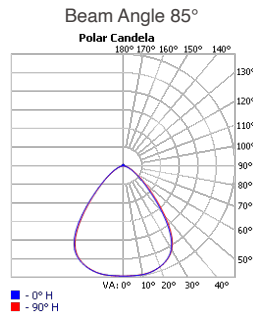| Emergency Backup	Accessories	
EM-RM40W-GN - 40W emergency backup (Required RC-RN1 as remote control)	**RWUX-RAL -** Aluminium sliver Reflector cone **RWUX-RPC -** PC Reflector cone **RWUX-SMK -** adjustabel Surface Mount Kit	**RWUX-PMK3/4 -** Pendant mount adapter for outside diameter 3/4" threads stem (Stem not provided) **RWUX-WG -** Wire Guard **RWUX-RMK -** Ring Mount Kit **RWUX-NSF -** NSF rated kit for food splash zone

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SUMMARY

Input Voltage	120-347V
Input Fequency	50/60 Hz
Power Factor	> 0.9
THD (Max.)	< 20%
Efficacy	150 LPW
Controls/ Dimming	Full Range 0-10V dimming standard
Dimming Range	10-100%
CRI	> 80
CCT	3500/4000/5000K Selectable
Operating Temp.	-40 to +122F° (-40 to +50C°)
Rated Life	70,000 hours
IP Grade	IP65 (NEMA 4X)

ENERGY PERFORMANCE DATA

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

OPTICS

Beam Angle 85°

PHYSICAL PARAMETERS

DIMENSION

RWUX-(150/100/75)

175±5mm 6.9±0.2"
276±3mm 10.9±0.12"
189±5mm 7.44±0.2"
276±3mm 10.9±0.12"

RWUX-(240/200/150)

184±5mm 7.2±0.2"
310±3mm 12.2±0.12"
199±5mm 7.8±0.2"
310±3mm 12.2±0.12"
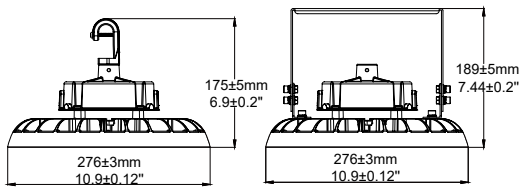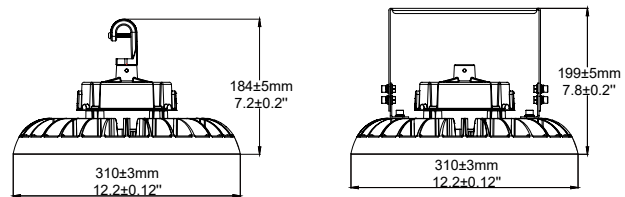
MOUNTING OPTION

RWUX-RMK	RWUX-SMK	RWUX-PMK3/4

REFLECTOR OPTION

RWUX-RAL	RWUX-RPC

CONTROL OPTION
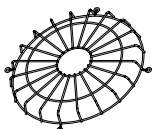
RWUX-WG	Emergency Backup	Sensor & Controller
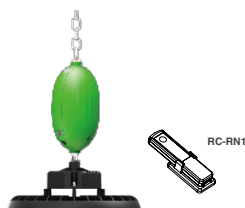
OS:MMS-DC-PIR4T
OS-BLE: MMS-PIR4T-BLE-SR

RC-RN1
RC-100

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