Alphalite Inc.

LED IP RATED HIGH BAY

RWUX Series
High Bay

DESCRIPTION

The Alphalite RWUX Series Slim Round LED High Bay delivers high lumen output, long life, economic solution. 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 (PIR an Microwave) 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
- 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. Standard with 6ft wire lead. 120-347V input voltage for increased versatility. Comes equipped with quick disconnect for compliance with US code.

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. 90° 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. IP65 and NEMA 4X.

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

7 YEAR WARRANTY · **c(UL)us LISTED** · **Wireless Control Enabled** · **Wet Location**

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
RWUX - LED IP Rated High Bay	**(150/100/75)** -150/100/75W, 22500/15000/11250lm	**(240/200/150)** -240/200/150W, 36000/30000/22500lm	**(300/240/200)** -300/240/200W, 45000/36000/30000lm	**8** - 80+ CRI

CCT	Voltage	Beam Angle	Lens Type	Color	Control Option
A - Adjustable CCT (5000/4000/3500K)	**(Blank)** -120-347V **480** - 277-480V	**(Blank)** - 90° **B120** - 120°	**(Blank)** - Transparent **F** - Frosted	**(Blank)** - Black **WH** - White	**MMS-DC-PIR4T** - PIR motion sensor and daylight sensor, field install in 5 seconds (Required RC-100 Sensor Configuration Tool) **MMS-DC4T** - Microwave motion sensor and daylight sensor, field install in 5 seconds (Required RC-100 Sensor Configuration Tool)

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

Alphalite Inc.

11920 Altamar Place, Santa Fe Springs, CA 90670
Tel: 888.287.9228 | Fax: 888.258.9183 | support@alphalite.com | www.alphalite.com

Page 1 of 2
Rev. RWUX_082025

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.	-22°F to +122°F (-30°C to +50°C)
Rated Life	70,000 hours
IP Grade	IP65 (NEMA 4X)

ENERGY PERFORMANCE DATA

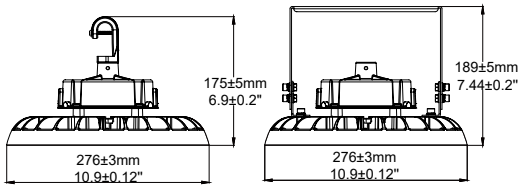| Part No.	Rated Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
RWUX-(150/100/75)/8A	150/100/75	22500/15000/11250	150
RWUX-(240/200/150)/8A	240/200/150	36000/30000/22500	150
RWUX-(300/240/200)/8A	300/240/200	45000/36000/30000	150

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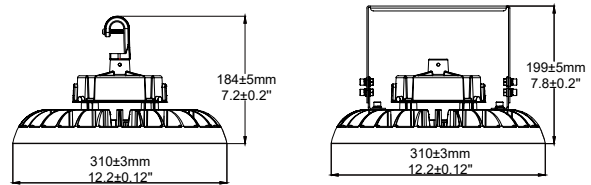**Default setting at time of shipping are highest wattage and highest CCT.
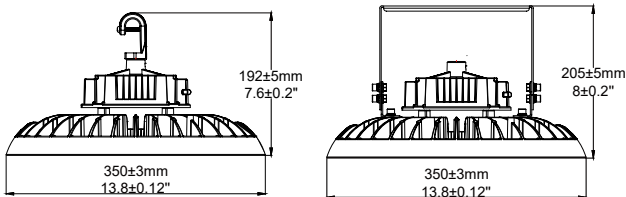
PHYSICAL PARAMETERS

DIMENSION

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"

RWUX-(300/240/200)

192±5mm 7.6±0.2"
350±3mm 13.8±0.12"
205±5mm 8±0.2"
350±3mm 13.8±0.12"

MOUNTING OPTION

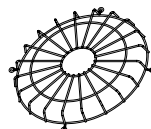| RWUX-RMK	RWUX-SMK	RWUX-PMK3/4

REFLECTOR OPTION

RWUX-RAL	RWUX-RPC

CONTROL OPTION

RWUX-WG	Emergency Backup	Sensor

RC-RN1

MMS-DC-PIR4T

MMS-DC4T

RC-100

Alphalite Inc.

11920 Altamar Place, Santa Fe Springs, CA 90670
Tel: 888.287.9228 | Fax: 888.258.9183 | support@alphalite.com | www.alphalite.com