

Technical Specifications

Compliance

UL Listed:

Suitable for damp locations

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements. DLC Product Code: P0QH55ZN

Performance

Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

LED Characteristics

LEDs:

Multi-chip, high-output, long-life LEDs

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Construction

Operating Temperature: -20°C (-4°F) to 50°C (122°F)

Housing:

22 gauge die formed with white powder coat finish. Y Hooks included for easy chain or cable mounting.

Reflector: White painted, reflective, die formed painted steel

Lens: Polycarbonate lens

Mounting:

V hooks and optional pendant mounting. AEROBAY® comes with two 42" chains.

Cord & Plug:

8 ft cord and NEMA L5-15P straight blade plug for 120V only.

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and longlasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Electrical

Driver: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 1.32A, 208V: 0.77A, 240V: 0.67A, 277V: 0.58A

Proje	ect:	Туре:		
Prep	ared By:	Date:		
Driver Ir	nfo	LED Info		
Туре	Constant Current	Watts	160W	

Туре	Constant Current	Watts	160W
120V	1.32A	Color Temp	5000K (Cool)
208V	N/A	Color Accuracy	83 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	23,276 lm
Input Watts	5 159.5W	Efficacy	145.9

THD: 3.84% at 120V, 6.36% at 277V

Power Factor: 99.9% at 120V, 97.2% at 277V

Battery Backup: Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120-277V.

Battery Backup Light Loss Factor:

0.159

Surge Protection:

2.5kV For areas prone to surges, upgrade to 10kV surge protection available

Other

Replacement:

Replaces 8-lamp T8, 6-lamp T5HO, or 400W MH

5 Yr Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Technical Specifications (continued)

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Sensor Specifications

Passive Infrared Occupancy and Daylight Sensor: PIR sensor with IR remote capability. High/Low bay passive infrared occupancy and daylight sensor.

UL Listed: Indoor use only

Operating Temperature: 32°F to 158°F (0°C to 70°C)

Operating Humidity: 5% to 96%, noncondensing

Line Voltage: LineVage for direct connection to load

Voltage:

120, 277, 347V, 60Hz or 230V, single phase, 50Hz operation

Power Consumption: 0.2W

Maximum Versatility: Adjustable time delay and sensitivity Adjustable hold-off daylighting level

Weight:

6.4 oz (181 g)

Hardware: UL listed snap-in mounting hardware

Mounting:

Easy mounting using knockout at end of linear high bay luminaire

Lens:

Lens (attached) designed for mounting heights from 15 to 40 feet

Rotatable Mask:

Snap-on rotatable mask for aisleway applications (included)

Coverage:

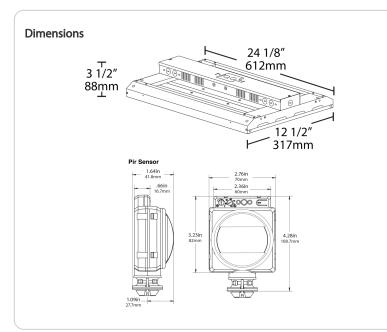
Covers a 100-foot diameter area whem mounted at height of 40 feet

Factory Default:

15 minutes time delay Max sensitivity 300 footcandle light level

Handheld Wireless Configuration Tool:

Adjust settings using handheld wireless configuration tool (catalog# WSREM). Only available with 0-10V dimming driver options. <u>Handheld</u> wireless configuration tool available here.

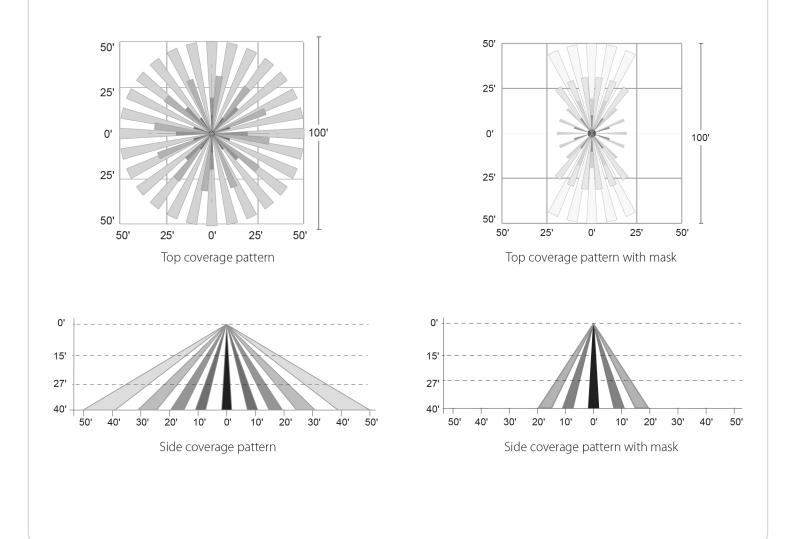


Features

High efficiency. Low price. Ideal for industrial warehouse spaces 100,000 hour LED lifespan 5-Year, limited warranty

Coverage Pattern

Coverage Pattern



RAB

160 95 = 95W 120 = 120W 145 = 145W 160 = 160W	Blank = 5000K Cool N = 4000K Neutral	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	/PIR Blank = No Options /PIR = 120-277V, Passive Infrared Occupancy Sensor /LC = Lightcloud® Control /LCS = 120-277V, Lightcloud® Motion Sensor	/E2 Blank = No Options /E2 = 120-277V, Battery	/8CP Blank = No Options /SP10 = 10kV Surge Protection /8C = 8' Cord only ² /8CP = 8' Cord, Straight
120 = 120W 145 = 145W	Cool N = 4000K	0-10V Dimming / 480 = 480V, 0-10V	/PIR = 120-277V, Passive Infrared Occupancy Sensor /LC = Lightcloud® Control /LCS = 120-277V, Lightcloud®		/SP10 = 10kV Surge Protection /8C = 8' Cord only ² /8CP = 8' Cord, Straight
					Blade Plug 120V, NEMA 5-15P ³ /8CP2 = 8' Cord, Straight Blade Plug 277V, NEMA 7-15P ³ /8CPT = 8' Cord, Twistlock Plug 120V, NEMA L5-15P /8CPT4 = 8' Cord, Twistloc Plug 277V, NEMA L7-15P /8CPT4 = 8' Cord, Twistloc Plug 480V, NEMA L8-20P
		² For cord only (8C	² For cord only (8C) models, a 5 conducto	² For cord only (8C) models, a 5 conductor cable will be used to make dim	¹ For battery backup models with cord and plug dimming is not possible ² For cord only (8C) models, a 5 conductor cable will be used to make dimming possible ³ For cord and plug (8CP, 8CP2, 8CPT, 8CPT4) models 0-10V dimming is not possible