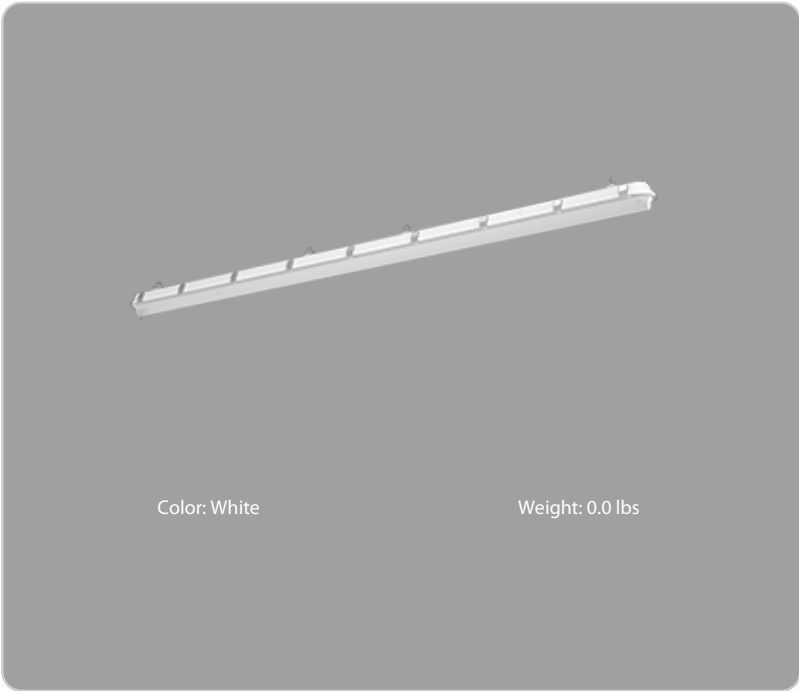




Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	100/80/60W
120V	N/A	Color Temp	3500/4000/5000K
208V	N/A	Color Accuracy	84-86 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	8,722-13,474 lm
Input Watts	58.9-97.2W	Efficacy	129.2-153.7 lm/W

Technical Specifications

Lightcloud

Lightcloud Blue Sensor Installed:

Lightcloud Blue is a Bluetooth Mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patented Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach.

DLC system - N1XMLOEATBA (Interior);
NHCZ2BIA17L (Exterior)

Learn more at www.lightcloud.com.

Compliance

UL Listed:

Suitable for wet locations

UL 746C:

F1 weatherability rating for UV resistance, water exposure, and extreme temperature conditions.

NSF:

NSF Certified by Public Health and Safety

NEMA Rating:

4X, protected against corrosion

IP Rating:

Ingress protection rating of IP66 for dust and water

Electrical

Driver:

Constant Current, Class 2, 480V, 50/60 Hz:
60W: 0.14A
80W: 0.17A
100W: 0.21A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:

17.73% at 480V

Power Factor:

93.5% at 480V

Surge Protection:

2.5 kV

Construction

Housing:

IK09 impact-resistant polycarbonate with 5VA flame rating*

1/2" openings for conduit and bushing/cord entry

*Polycarbonate is affected by cleaning agents or other liquids containing partial solvents such as low molecular weight aldehydes and ethers, ketones, esters, aromatic hydrocarbons and perchlorinated hydrocarbons. [Click here for a detailed list of damaging chemicals.](#)

Lens:

Diffuse polycarbonate lens for low glare and maximum protection

Maximum Ambient Temperature:

Suitable for use in up to 104°F (40°C)

Cold Weather Starting:

The minimum starting temperature is -40°F (-40°C)

Green Technology:

Mercury and UV free. RoHS-compliant components.

Finish:

Formulated for high durability and long-lasting color

Technical Specifications (continued)

Installation

Mounting:

Quick-mount, surface, stainless steel spring clips supplied. 4 additional mounting accessory kits available.

LED Characteristics

LEDs:

Long-life, high-efficacy, surface-mount LEDs

Color Stability:

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

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.

Performance

Lifespan:

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

Sensor Settings

Operating Voltage:

12V DC

Operating Current:

≤25mA

Detection Area:

25%/50%/75%/100%

Maximum Mounting Height:

20 ft

Customizable Detection Area:

10, 50, 75 or 100%

Hold Time:

5s, 30s, 1min, 3min, 5min, 10min, 20min, 30min

Cut-Off Period:

0s/10s/30s/1min/5min/10min/30min/+∞

Cut-Off Dimming Level:

10,20,30,50%

Cut-Off Power:

≤0.5W

Daylight Threshold:

2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

Sensor Principle:

High Frequency

Microwave Frequency:

5.8GHz +/- 75MHz

Microwave Power:

<0.3mW

Max Detection Range:

46 ft

Operating Temperature:

-4°F to + 140°F (-20°C to +60°C)

Remote Control:

Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

IP Rating:

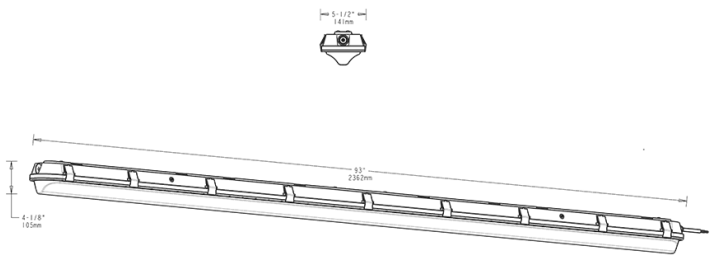
Ingress protection rating of IP65 for dust and water

Other

5-Year, No-Compromise Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Dimensions



Features

- Impact-resistant linear washdown
- Ideal for tunnels and stairwells
- Mounting options: Chain, junction box, angled surface mount or vandal-resistant surface mount
- IP66 Rating protects against dust & water ingress
- 5-Year, No-Compromise Warranty
- 100,000-Hour LED lifespan

Ordering Matrix

Family	Size/Wattage	Mounting	Color Temp	Finish	Driver	Options
SHARK	8				/480	/LCBS/MVS
	2M = 2ft (25/20/15W) Marine Listed 4 = 4ft (50/40/30W) 4M = 4ft (50/40/30W) Marine Listed 8 = 8ft (100/80/60W) 8M = 8ft (100/80/60W) Marine Listed 2 = 2ft (25/20/15W)	Blank = Metal Bracket with hooks	Blank = 3500/4000/5000K	Blank = White	/480 = 480V, 0-10V Dimming Blank = 120-277V, 0-10V Dimming	Blank = No Option /E = Battery Backup /LC = Lightcloud /MVS = Microwave Occupancy Sensor /PIR = Passive Infrared Occupancy Sensor /LCBS = Lightcloud Blue w/PIR Sensor /LCBS/MVS = Lightcloud Blue w/MVS Sensor /MVS/E = Microwave Occupancy Sensor w/Battery Backup /PIR/E = Passive Infrared Occupancy Sensor w/Battery Back Up /LCBS/E = Lightcloud Blue w/PIR Sensor & Battery Backup /LCBS/MVS/E = Lightcloud Blue w/MVS Sensor & Battery Backup