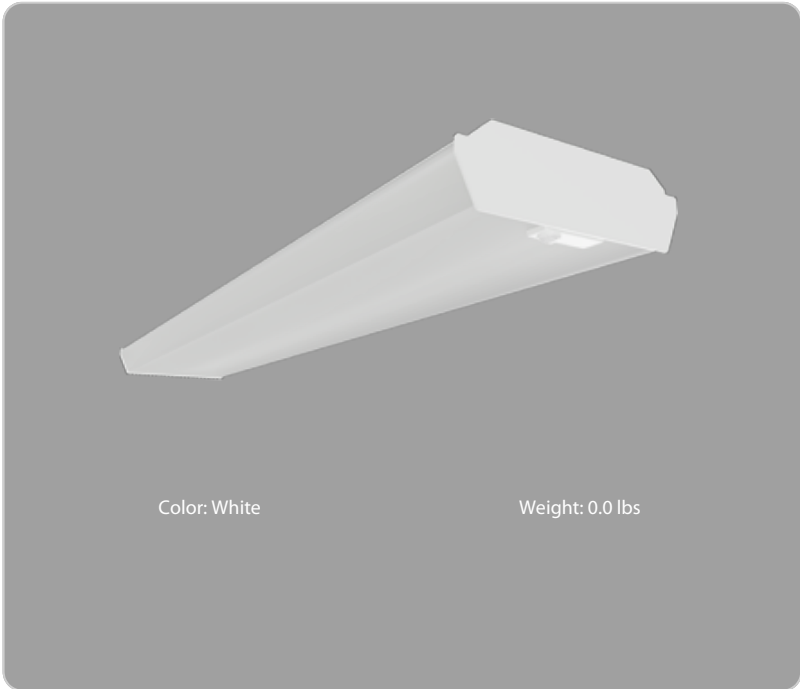




Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant
120V	0.42A/0.33A/0.25A
208V	0.24A/0.19A/0.16A
240V	0.21A/0.17A/0.14A
277V	0.18A/0.15A/0.12A
Input Watts	29.2-51.2W

LED Info

Watts	50/40/30W
Color Temp	3000/3500/4000/5000/6500K
Color Accuracy	82-86 CRI
L70 Lifespan	100,000 Hours
Lumens	4424-7332 lm
Efficacy	141-154.7 lm/W

Technical Specifications

Lightcloud

Lightcloud Blue Controller:
PIR-IN2/LCB

Lightcloud Blue:
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.rablighting.com/feature/new-lightcloud-blue.

Gateway Required:
No

Communication Protocol:
Bluetooth Mesh

Range:
Indoor: Up to 60 feet between standard building materials. Building materials such as brick, concrete, and steel construction may require additional Lightcloud Blue devices to extend around an obstruction; Up to 200 feet clear line of sight.

Outdoor: Up to 60 feet clear line of sight; Up to 18 feet around corners.

Spacing Criteria:
Lightcloud Blue devices should be placed within the specified range to communicate within the Bluetooth Mesh network.

Sensor Settings
Sensor Connection Type:
Integrated

Max Mounting Height:
20 ft

Detection Range:
26 ft diameter at 20 ft mounting height

Sensor Technology:
Passive Infrared (PIR)

Default Setting:
Uncommissioned State:
Motion Sensitivity: High
Brightness when triggered : 100%
Hold time: 20 minute
Standby to dim: 20%
Standby time: 1 minute
When vacant: Off
Daylight: Disabled

Commissioned State:
Once pair, the sensor will default to disabled. Once enabled the following settings apply:
Motion Sensitivity: High
Brightness when triggered: Last on status
Hold time: 20 minute
Standby to dim: 20%
Standby time: 1 minute
When vacant: Off
Daylight: Disabled

Adjustable Sensor Settings?:
Yes, using the Lightcloud Blue mobile app

Sensing Type:
Occupancy, Vacancy

Occupied Actions:
On or On at a Dim Level

Vacant Actions:
Off or On at a Dim Level

Technical Specifications (continued)

Occupancy Timeout:

1 minute to 240 minutes

Daylight Sensing:

Dim levels will continuously adjust based on the daylight threshold level set in the Lightcloud Blue mobile app.

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:

50/40/30W (factory default 50W)

Color Temperature Adjustable:

3000K, 3500K, 4000K, 5000K and 6500K(factory default 4000K)

Compliance

UL Listed:

Suitable for damp locations

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at [designlights.org](https://www.designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

Electrical

Dimming Driver:

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

Aux Power Supply:

Yes

Dim to Off:

Yes

Surge Protection:

2 kV + 4 kV

Battery Backup:

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

Performance

Lifespan:

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

LED Characteristics

LEDs:

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

Light Distribution:

115°

Construction

Cold Weather Starting:

The minimum starting temperature is 32°F/0°C

Maximum Ambient Temperature w/Battery

Backup:

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

Housing:

Iron

Reflector Material:

Iron

Lens:

Bio-based Polymethy Methacrylate (PMMA) lens

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

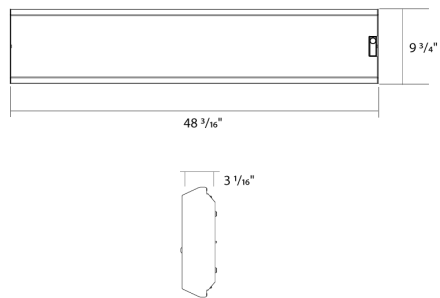
Surface mount. Can be mounted with v-hooks (ordered separately).

Other

5-Year 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.

Dimensions



Features

- Affordable, easy to use LED wrap fixture
- 0-10V dimming, standard
- 100,000-Hour LED lifespan
- 5-Year, limited warranty

Ordering Matrix

Family	Size/Wattage	Color Temp	Finish	Driver	Controls
GUS	4				/LCBS
	2 = 2 ft (25/20/15W) 4 = 4 ft (50/40/30W)	Blank = 3000/3500/4000/5000/6500KCCT Adjustable	Blank = White	Blank = 120-277V, 0-10V Dimming	Blank = None /MVS = Microwave Occupancy Sensor /PIR = Passive Infrared Occupancy Sensor /LCBS/MVS = Lightcloud Blue w/MVS Sensor