TSLED2/LCB

RAB®

Project:	Type:
Prepared By:	Date:

Color: White   Weight: 3.7 lbs

Driver Info

Type	Constant Current	**LED Info**	
120V	0.21A/0.17A/0.13A	Watts	25/20/15W
208V	0.12A/0.10A/0.07A	Color Temp	3500/4000/5000K
240V	0.10A/0.08A/0.06A	Color Accuracy	83-84 CRI
277V	0.09A/0.07A/0.05A	L70 Lifespan	100,000 Hours
Input Watts	15.4-24.7W	Lumens	2,120-3,500 lm
		Efficacy	130.5-146.4 lm/W

Technical Specifications

Lightcloud

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

Gateway Required:

No

Communication Protocol:

Bluetooth Mesh

SmartShift:

No

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 200 feet clear line of sight; Up to 120 feet around corners

Spacing Criteria:

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

Lightcloud Blue Controller:

LCBAUX-X/W

Factory Reset:

Method 1: Delete from App
Open the app and access the device settings for the paired device. Be sure that the device is online and select 'Delete'. The device will flash on/off 3x and return to full brightness.

Method 2: Manual
Locate the device identification button at the top of the Controller under the Lightcloud logo. Press and hold this button for 10s or until the indicator light begins flashing red. If the Controller is attached to a fixture, the fixture will also flash on/off 3x.

Status Indicator:

The status indicator light is located around the circumference of the top of the Controller.

Solid Green: connected to a Lightcloud Blue network.
Blinking Red: unprovisioned, ready to pair

Device Identification Button:

Located at the top of the controller under the Lightcloud logo.
Once the Controller has been provisioned to the Lightcloud Blue mobile app this button offers the following functionality:
Press once to rapid identify this device in the Lightcloud Blue mobile app
Press twice to toggle circuit on and off
Press twice and hold to set dim level
Press and hold for 10s to reset the device to factory settings and into pairing mode

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
25W/20W/15W (factory default: 25W)
Color Temperature Selectable:
3500K, 4000K and 5000K (factory default:4000K)

Compliance

UL Listed:

Suitable for damp locations

Technical Specifications (continued)

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

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: S-LC3CGF

Electrical
Driver:
Constant Current, Class II, 120-277V, 50/60 Hz:
25W: 120V: 0.21A, 208V: 0.12A, 240V: 0.10A, 277V: 0.09A
20W: 120V: 0.17A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A
15W: 120V: 0.13A, 208V: 0.07A, 240V: 0.06A, 277V: 0.05A

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

THD:
2.43% at 120V, 2.79% at 277V

Power Factor:
99.77% at 120V, 96.29% at 277V

Surge Protection:
Ringwave LN4 kV/LN-GND 4 kV

Aux Power Supply:
Yes

Dim to Off:
Yes

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.

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

Construction
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)

Housing:
Aluminium extrusion

Lens:
Polycarbonate lens

Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.
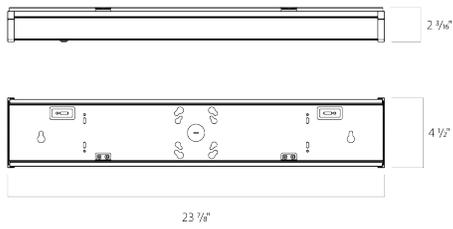
Installation
Mounting:
Surface mount, ceiling or wall. Knockouts on sides and back.

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.

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Dimensions

2 ³/₁₆"

4 ½"

23 ⅞"

Features

100,000-hour LED Life

DLC Premium Listed

0-10V dimming standard

5-Year, no-compromise warranty

Need help? Tech help line: **(888) 722-1000** Email: **techsupport@rablighting.com** Website: **www.rablighting.com**

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