WPTW/LCB

RAB®

Color: White   Weight: 3.6 lbs

Driver Info

Type	Constant Current
120V	0.33A/0.21A/0.13A
208V	0.19A/0.12A/0.07A
240V	0.17A/0.10A/0.06A
277V	0.14A/0.09A/0.05A
Input Watts	15.6-38.8W

LED Info

Watts	40/25/15W
Color Temp	3000/4000/5000K
Color Accuracy	83-84 CRI
L70 Lifespan	100,000 Hours
Lumens	2,162-5,345 lm
Efficacy	126.7-146.1 lm/W

Technical Specifications

Performance

Field Adjustable:
Field Adjustable Light Output:
40/25/15 (factory default 40W)
Color temperature selectable by 3000K, 4000K and 5000K (factory default 4000K)

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

Compliance

UL Listed:
Suitable for wet locations

IP Rating:
Ingress protection rating of IP65 for dust and water

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 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-5323T1

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.

Construction

Cold Weather Starting:
The minimum starting temperature is -40°F (-40°C)

Maximum Ambient Temperature:
Suitable for use in up to 104°F (40°C)

Housing:
Precision die-cast aluminum

Lens:
Polycarbonate lens

Reflector:
Specular aluminum

Gaskets:
High-temperature silicone gaskets

Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.

Electrical

Driver:
Constant Current, Class 1, 120-277V, 50/60 Hz:
40W: 120V: 0.33A, 208V: 0.19A,240V: 0.17A, 277V: 0.14A
25W: 120V: 0.21A, 208V: 0.12A,240V: 0.10A, 277V: 0.09A
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:
9.94% at 120V, 9.42% at 277V

Power Factor:
99.5% at 120V, 98.1% at 277V

Technical Specifications (continued)

Aux Power Supply:
Yes

Surge Protection:
4 kV

Photocell:
Integrated photocell included with on/off switch

Installation

Mounting:
Wall mount

Lightcloud

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.lightcloud.com.

Gateway Required:
No

Communication Protocol:
Bluetooth Mesh

Range:
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 (varies by device).

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

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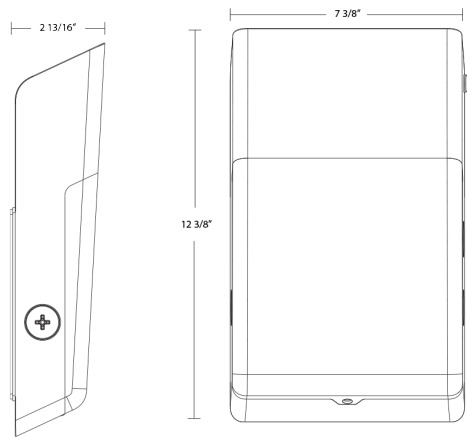The status indicator light is located around the circumference of the top of the Controller.

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

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.

WPTW/LCB

Dimensions

2 13/16"

7 3/8"

12 3/8"

Features

- 100,000-Hour LED lifespan
- 0-10V dimming standard
- DLC Premium listed
- 5-Year, limited warranty

Ordering Matrix

Family	Wattage	Color Temp	Finish	Driver	Controls	Battery Backup
WPT			W		/LCB	
	Blank = 40/25/15W	**Blank =** 3000/4000/5000K CCT Adjustable	**Blank =** Bronze **W =** White	**Blank =** 120-277V, 0-10V Dimming	**Blank =** Selectable On/Off Photocell **/LC =** Lightcloud Controller **/LCB =** Lightcloud Blue	**Blank =** None **/E =** Battery Backup

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

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