RPLED2X2/LCB

RAB

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current		
120V	0.25A/0.21A/0.16A		
208V	0.15A/0.12A/0.09A		
240V	0.13A/0.11A/0.08A		
277V	0.11A/0.10A/0.07A		
Input Watts	18.4-29.1W		

LED Info

Watts	30/25/18W
Color Temp	3500/4000/5000K
Color Accuracy	83-85 CRI
L70 Lifespan	100,000 Hours
Lumens	2,505-3,862 lm
Efficacy	127-140.6 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
30/25/18W (factory default 30W)
Color temperature selectable 3500K, 4000K and 5000K (factory default 4000K)

Compliance

UL Listed:
Suitable for damp locations

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires 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-D67WRC

Electrical

Driver:
30W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.25A, 208V: 0.15A, 240V: 0.13A, 277V: 0.11A
25W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.21A, 208V: 0.12A, 240V: 0.11A, 277V: 0.10A
18W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.16A, 208V: 0.09A, 240V: 0.08A, 277V: 0.07A

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

THD:
10.41% at 120V, 9.15% at 277V

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

Aux Power Supply:
Yes

Dim to Off:
Yes

Surge Protection:
2kV

Construction

Housing:
Galvanized sheet housing and aluminum frame

Cold Weather Starting:
The minimum starting temperature is -20°C (-4°F)

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

Lens:
Frosted polystyrene

Finish:
Formulated for high durability and long-lasting color

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

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.

Technical Specifications (continued)

Installation

Mounting:
Mounting bracket: Two brackets and two decorative bars (Optional). Two steel clips provided, secured to the housing for securement of the mounting bracket.

Performance

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

Other

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.

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.

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:
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.
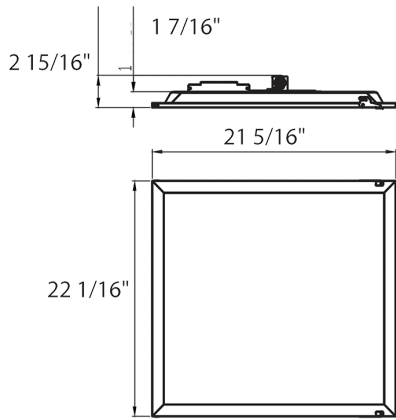
Factory Reset:
Method 1: Delete from App
Open the app and access the device settings for the paired device. Be sure that the device is online and select 'Delete'. The device will flash on/off 5 times and return to full brightness.
Method 2: Manual
Press and hold down the button located at the top of the Controller for 10 seconds or until the light flashes on/off 3 times. The status indicator light will flash red to confirm it has been reset and is ready to pair to the App.

RPLED2X2/LCB

Dimensions

1 7/16"

2 15/16"

21 5/16"

22 1/16"

Features

0-10V Dimming, standard

100,000-hour LED lifespan

5-Year, limited warranty

Ordering Matrix

Family	Size (Wattage)	Color Temp	Finish	Driver	Options
RPLED	2X2				/LCB
	2X2 = 2' x 2' (30/25/18W) **1X4 =** 1' x 4' (30/25/18W) **2X4 =** 2' x 4' (35/30/25W)	**Blank =** 3500/4000/5000K CCT Adjustable	**Blank =** White	**Blank =** 120-277V, 0-10V Dimming	**Blank =** No Option **/E =** Battery Backup **/MVS =** Microwave Occupancy Sensor **/LCB =** Lightcloud Blue-enabled **/LCBS/MVS =** Lightcloud Blue w/MVS Sensor **/MVS/E =** Microwave Occupancy Sensor w/Battery Backup **/LCB/E =** Lightcloud Blue w/Battery Backup **/LCBS/MVS/E =** Lightcloud Blue w/MVS Sensor and Battery Backup

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

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