# RPLED2X4/LCB/E

**RAB**

Color: White                    Weight: 6.4 lbs

| Project: | | Type: | |
|---|---|---|---|
| Prepared By: | | Date: | |

### Driver Info

| | | | |
|---|---|---|---|
| Type | Constant Current | Watts | 35/30/25W |
| 120V | 0.28A/0.25A/0.21A | Color Temp | 3500/4000/5000K |
| 208V | 0.17A/0.15A/0.12A | Color Accuracy | 83-85 CRI |
| 240V | 0.15A/0.13A/0.11A | L70 Lifespan | 100,000 Hours |
| 277V | 0.12A/0.11A/0.10A | Lumens | 3,543-4,749 lm |
| Input Watts | 24.6-33.8W | Efficacy | 134.7-148.1 lm/W |

### LED Info

## Technical Specifications

### Field Adjustability

**Field Adjustable:**
Field Adjustable Light Output:
35/30/25W (factory default 35W)
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-CSN5NZ

### Electrical

**Driver:**
35W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.28A, 208V: 0.17A, 240V: 0.15A, 277V: 0.12A
30W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.25A, 208V: 0.15A, 240V: 0.13A, 277V: 0.11A
20W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.21A, 208V: 0.12A, 240V: 0.11A, 277V: 0.10A

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

**THD:**
8.42% at 120V, 8.39% at 277V

**Power Factor:**
99.5% at 120V, 98.3% at 277V

**Aux Power Supply:**
Yes

**Dim to Off:**
Yes

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

**Battery Backup Light Loss Factor:**
12%

**Surge Protection:**
2kV

### Construction

**Housing:**
Galvanized sheet housing and aluminum frame

**Cold Weather Starting:**
Minimum starting temperature is 5°C (41°F)

**Maximum Ambient Temperature:**
Suitable for use in up to 50°C (122°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

## Technical Specifications (continued)

### 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.

### 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
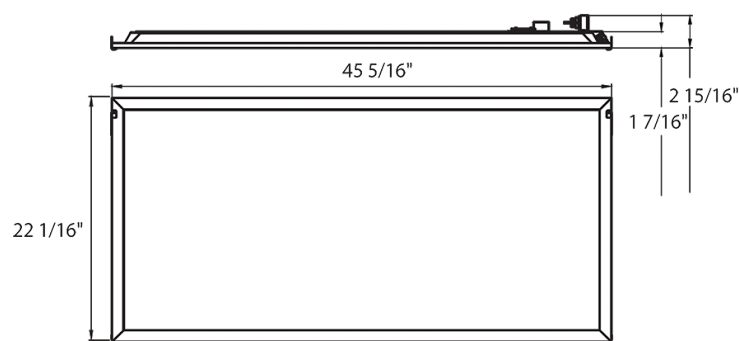
### Other
#### 5 Yr Limited Warranty:
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

#### 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.

## Dimensions

45 5/16"

2 15/16"

1 7/16"

22 1/16"

## Features

0-10V Dimming, standard

100,000-hour LED lifespan

5-Year, limited warranty

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

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## Ordering Matrix

| Family | Size (Wattage) | Color Temp | Finish | Driver | Options |
|---|---|---|---|---|---|
| RPLED | 2X4 | | | | /LCB/E |

**Size (Wattage)**
**2X2 =** 2' x 2' (30/25/18W)
**1X4 =** 1' x 4' (30/25/18W)
**2X4 =** 2' x 4' (35/30/25W)

**Color Temp**
**Blank =** 3500/4000/5000K CCT Adjustable

**Finish**
**Blank =** White

**Driver**
**Blank =** 120-277V, 0-10V Dimming

**Options**
**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