

EZPANHE2X2-12N/D10/LC



2' x 2' EZPANHE edge-lit LED panel lights provide smooth and uniform light edge-to-edge for a clean, modern look. Includes built-in support for Lightcloud, a wireless lighting control system and service, fully developed by RAB.

Color: White

Weight: 7.1 lbs

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

| Driver Info | | LED Info | |
|--------------|------------------|-----------------|-----------------|
| Type: | Constant Current | Watts: | 12W |
| 120V: | 0.1A | Color Temp: | 4000K (Neutral) |
| 208V: | 0.06A | Color Accuracy: | 81 CRI |
| 240V: | 0.05A | L70 Lifespan: | 60000 |
| 277V: | 0.04A | Lumens: | 1769 |
| Input Watts: | 13W | Efficacy: | 134 LPW |
| Efficiency: | 91% | | |

Technical Specifications

Listings

UL Listing:

Suitable for damp locations

IESNA LM-79 & IESNA 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.

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.1A, 208V: 0.06A, 240V: 0.05A, 277V: 0.04A

Dimming Driver:

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

THD:

8.6% at 120V, 9.4% at 277V

Power Factor:

99.4% at 120V, 93.8% at 277V

LED Characteristics

Note:

All values are typical (tolerance +/- 10%)

Lifespan:

60,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

LEDs:

Long-life, High efficiency, micro-power, surface mount LEDs; binned and mixed for uniform light output and color

Color Uniformity:

RAB's range of CCT (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.

Color Stability:

LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period

Construction

Ambient Temperature:

Suitable for use in -30°C (-22°F) to 50°C (122°F) ambient temperatures

IC Rating:

Suitable for insulated ceilings

Lens:

Frosted polystyrene

Mounting:

Recessed ceiling

Housing:

Lightweight aluminum housing, steel pan and junction box

Installation:

Standard integral T-bar clips secure the fixture to T-bars and prevent T-system separation

Finish:

Formulated for high-durability and long lasting color

Green Technology:

Mercury and UV-free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOCs or toxic heavy metals.

Lightcloud

Lightcloud Controller Installed:

Fixture, Zone, and plug-load control from one powerful device. Capable of switching, 0-10V dimming, power monitoring. Can also be used to extend the range of the Lightcloud mesh network. Attach to fixture, junction box, or electrical panel.

Other

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at

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Features

- Best in class efficacy
- Innovative use of edge lit technology for glare-free lighting
- 0-10V dimmable driver, standard
- Lightcloud Controller included

Ordering Matrix

| Family | Size | Wattage | Color Temp | Driver | Options |
|---------|---------------|----------------------------------|--|----------------------|---|
| EZPANHE | 2X2 | 12 | N | /D10 | /LC |
| | 2X2 = 2' x 2' | 12 = 12W 23 = 23W 30 = 30W | Blank = 5000K (Cool) N = 4000K (Neutral) YN = 3500K (Warm Neutral) Y = 3000K (Warm) | /D10 = 0-10V Dimming | Blank = No Option /LC = Lightcloud® Controller /E2 = Emergency Battery 120-277V |