



2' x 4' EZPAN edgelit 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: 19.3 lbs

|                     |              |
|---------------------|--------------|
| <b>Project:</b>     | <b>Type:</b> |
| <b>Prepared By:</b> | <b>Date:</b> |

| Driver Info |                  | LED Info       |              |
|-------------|------------------|----------------|--------------|
| Type        | Constant Current | Watts          | 40W          |
| 120V        | 0.34A            | Color Temp     | 3000K (Warm) |
| 208V        | 0.20A            | Color Accuracy | 82 CRI       |
| 240V        | 0.17A            | L70 Lifespan   | 60,000 Hours |
| 277V        | 0.15A            | Lumens         | 4,431 lm     |
| Input Watts | 39.8W            | Efficacy       | 111.3        |

## Technical Specifications

### Compliance

#### UL Listed:

Suitable for damp locations

#### 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 on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.  
DLC Product Code: P8U1AFFH

### Other

#### Note:

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

#### 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 [rablighting.com/warranty](http://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.

### Performance

#### Lifespan:

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

#### Wattage Equivalency:

Equivalent to (4)F32T8 or (4)F28T5

### Electrical

#### Driver:

Constant Current, Class 2, 50/60 Hz, 120-277V, 120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A

#### Dimming Driver:

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

#### THD:

8.11% at 120V, 6.04% at 277V

#### Power Factor:

99.2% at 120V, 95.1% at 277V

#### Battery Backup:

Battery backup will operate the LED Lamp for 90 minutes if power fails. Wired for 120V-277V.

#### Battery Backup Light Loss Factor:

0.33

### Construction

#### IC Rated:

Suitable for insulated ceilings

#### Maximum Ambient Temperature:

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

#### 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

## Technical Specifications (continued)

### Finish:

Formulated for high durability and long-lasting color

### Green Technology:

Mercury and UV free. RoHS-compliant components.

## Lightcloud

### Lightcloud Controller Installed:

Integrated/embedded networked lighting control, luminaire-level lighting control. Fixture, Zone, and plug-load control from one powerful device. LLLC - capable of switching, 0-10V dimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud mesh network communication protocols. Offers the capability to set the maximum light output to a less-than-maximum state of an individual luminaire at the time of installation or commissioning. The High-End trim functionality is field reconfigurable via the Lightcloud mesh network communication protocols. The Lightcloud controller can be attached to the fixture, junction box, or electrical panel.

DLC system - N1XML0EATBA

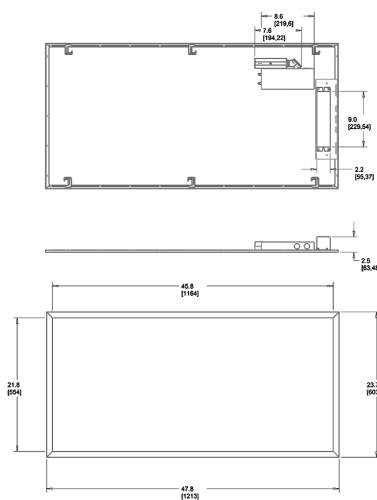
[Learn more about Lightcloud.](#)

## LED Characteristics

### LEDs:

Long-life, high-efficacy, surface-mount LEDs

## Dimensions



## Features

Perfect for shallow plenums

Even and diffuse ambient illumination, ideal for spaces where glare-free lighting is required

0-10V dimmable driver, standard

## Ordering Matrix

| Family | Size          |   | Wattage                          | Color Temp   | Dimming (standard)   | Control Options                                  | Other Options                        |
|--------|---------------|---|----------------------------------|--|----------------------|--|--------------------------------------|
| EZPAN  | 2X4           | - | 40                               | Y  | /D10                 | /LC  | /E2                                  |
|        | 2X4 = 2' x 4' |   | 30 = 30W<br>40 = 40W<br>50 = 50W | Blank = 5000K Cool<br>N = 4000K Neutral<br>YN = 3500K Warm Neutral<br>Y = 3000K Warm | /D10 = 0-10V Dimming | Blank = No Sensor<br>/LC = Lightcloud Controller | Blank = None<br>/E2 = Battery Backup |