# RAB



2' x 2' EZPAN edgelit LED panel lights provide smooth and uniform light edge-to-edge for a clean, modern look. Install in drop ceilings or use optional surface, pendant or recessed (dry wall) mounting kits.

Color: White

Weight: 7.8 lbs

Warranty:

RAB warrants that our LED products will be free from

defects in materials and workmanship for a period of

stability, driver performance and fixture finish. RAB's

warranty is subject to all terms and conditions found

RAB values USA manufacturing! Upon request, RAB

compliant with the Buy American Act (BAA). Please

contact customer service to request a quote for the

60,000-Hour LED lifespan based on IES LM-80 results

Constant Current, Class 2, 50/60 Hz, 120-277V, 120V:

0.25A, 208V: 0.20A, 240V: 0.13A, 277V: 0.12A

may be able to manufacture this product to be

five (5) years from the date of delivery to the end

user, including coverage of light output, color

at rablighting.com/warranty.

**Buy American Act Compliance:** 

product to be made BAA compliant.

Performance

and TM-21 calculations

Wattage Equivalency:

Equivalent to (4)F32T8 or (4)F28T5

Lifespan:

Electrical

Driver:

#### **Project:** Type: **Prepared By:** Date: LED Info **Driver Info Constant Current** Watts 30W Туре 120V 0.25A Color Temp 5000K (Cool) 208V 0.20A Color Accuracy 85 CRI 240V 0.13A L70 Lifespan 60,000 Hours 277V 0.12A Lumens 3,771 lm

# Dimming Driver:

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

Efficacy

119.2

#### THD:

Input Watts 31.7W

7.49% at 120V, 4.64% at 277V

#### **Power Factor:**

99.3% at 120V, 96.34% at 277V

#### 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

## **Technical Specifications**

#### Compliance

#### **UL Listed:**

Suitable for damp locations

#### **CCEA Compliant:**

Luminaire Requirements used in Environmental Air Space per the electrical code specification of the City of Chicago

#### Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

#### 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: P45NCUMC

#### Other

Note:

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

# **Technical Specifications (continued)**

#### Installation:

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

#### Finish:

Formulated for high durability and long-lasting color

### Green Technology:

Mercury and UV free. RoHS-compliant components.

#### Lightcloud

#### Lightcloud Blue Sensor Installed:

Occupancy, vacancy, and closed loop daylight harvesting in one versatile sensor. In addition control any fixture in your Lightcloud Blue integrated/embedded networked lighting luminaire-level control system. LLLC - capable of switching, 0-10V dimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud Blue utilizing a "BLE Mesh" network communication protocols. The Lightcloud Blue sensor can be attached to the fixture provided an unobstructed view of the coverage area is available. DLC system - N1XMLOEATBA Learn more about Lightcloud.

#### LED Characteristics

LEDs:

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

## **Sensor Specifications**

**Capacitance Load:** 400VA at 120VAC, 800VA at 230VAC, 1000VA at 277VAC

**Operating Temperature:** -20°C to +60°C (-4°F to +140°F)

Relay: Zero-cross relay

Maximum Mounting Height: 16.4 feet

Customizable Detection Area: 10, 50, 75 or 100%

Time Delay: 5s, 30s, 1min, 5min, 10min, 20min, 30min

Cut Off Period: 0s, 10s, 1min, 5min, 10min, 30min, 1hr, Bi-Level

**Cut-Off Dimming level:** 10, 20, 30, 50%

## Cut-Off Power:

Less than 1W

## Daylight Threshold:

About .2-5 fc for disabled

Sensor Principle: High Frequency

Microwave Frequency: 5.8GHz +/- 75MHz

**Microwave Power:** 

#### Max Detection Range:

26 ft diameter at 16 ft mounting height

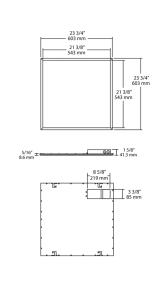
Detection Angle:

About 30 to 150 degrees

#### **Remote Control Accessory:**

Adjust settings using remote control (catalog# MVSREM). Only available with 0-10V dimming driver options. <u>Remote control available here.</u>

## Dimensions



## Features

Direct Connect to the Lightcloud Blue mobile app via Bluetooth, no Gateway or Hub required

Use mobile device to configure features for On/Off Control, Dim Level, Schedules, Scenes, and more.

Meets Luminaire Level Lighting Control (LLLC) requirements

Integrated passive infrared or microwave sensor for added savings

Use mobile device to configure sensor settings for sensitivity, timeout and actions.

Emergency battery backup options available

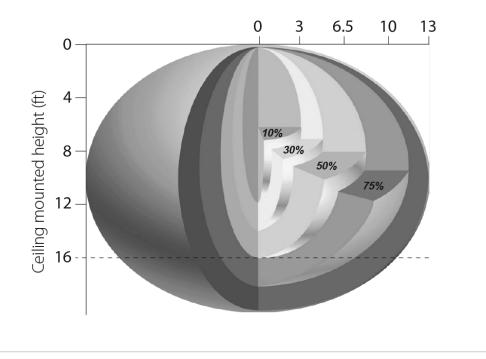
#### **Coverage Pattern**

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# **MVS - Occupancy Sensor Detection Pattern**

Features

- **24**<sup>h</sup>
  - 24-hour daylight monitoring dawn/dusk sensor
  - Tri-level dimming control based upon occupancy (also known as corridor function)
  - ) 1-10V dimming control method
  - One-touch daylight learning via remote control
  - Zero crossing detection circuit reduces in-rush current and prolongs relay life
  - Loop-in and loop-out terminal for efficient installation



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Family	Size	Wattage	Color Temp	Dimming (standard)	Control Options	Other Options
EZPAN	2X2 -	- 30		/D10	/LCBS/MVS	
	<b>2X4</b> = 2' × 4' <b>2X2</b> = 2' × 2' <b>1X4</b> = 1' × 4'	<b>17</b> = 17W <b>30</b> = 30W <b>40</b> = 40W <b>50</b> = 50W	Blank = 5000K Cool N = 4000K Neutral YN = 3500K Warm Neutral Y = 3000K Warm	<b>/D10 =</b> 0-10V Dimming	Blank = No Sensor /LC = Lightcloud® Controller /LCB = Lightcloud® Blue Enabled /LCBS = Lightcloud® Blue Enabled w/ PIR Sensor /LCBS/MVS = Lightcloud® Blue Enabled w/ MVS Sensor	<b>Blank =</b> None <b>/E2 =</b> Battery Backup