EZPAN2X4-50YN/D10/LC/E2

RAB®

Project:	Type:
Prepared By:	**Date:**

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: 15.0 lbs

Driver Info

Type	Constant Current
120V	0.42A
208V	0.25A
240V	0.21A
277V	0.18A
Input Watts	50.80W

LED Info

Watts	50W
Color Temp	3500K (Warm Neutral)
Color Accuracy	83 CRI
L70 Lifespan	60,000
Lumens	5,260
Efficacy	103.5 lm/W

Technical Specifications

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. Learn more about Lightcloud.

Listings

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. DLC Product Code: PGCBFWGM

Electrical

Driver:

Constant Current, Class 2, 50/60 Hz, 120-277V, 120V: 0.42A, 208V: 0.25A, 240V: 0.21A, 277V: 0.18A

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:

9.32% at 120V, 9.43% at 277V

Power Factor:

99.2% at 120V, 97.5% at 277V

Note:

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

Battery Backup:

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

Battery Backup Light Loss Factor:

0.24

LED Characteristics

Lifespan:

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

LEDs:

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

Construction

IC Rated:

Suitable for insulated ceilings

Technical Specifications (continued)

Construction

Maximum Ambient Temperature:

Suitable for use in -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

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

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 rablighting.com/warranty.
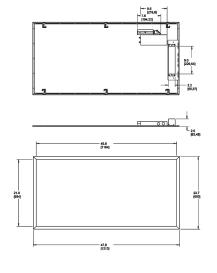
Equivalency :

Equivalent to (4)F32T8 or (4)F28T5

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

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