EZPAN2X2-40YN/D10/LCB

RAB

Project:		Type:
Prepared By:		Date:

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: 8.5 lbs

Driver Info

Type	Constant Current
120V	0.34A
208V	0.20A
240V	0.17A
277V	0.15A
Input Watts	40.3W

LED Info

Watts	40W
Color Temp	3500K (Warm Neutral)
Color Accuracy	83 CRI
L70 Lifespan	60,000 Hours
Lumens	4,993 lm
Efficacy	124

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: PTDTJJX1

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.

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:
8.47% at 120V, 6.3% at 277V

Power Factor:
99.1% at 120V, 94.4% 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 (continued)

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:
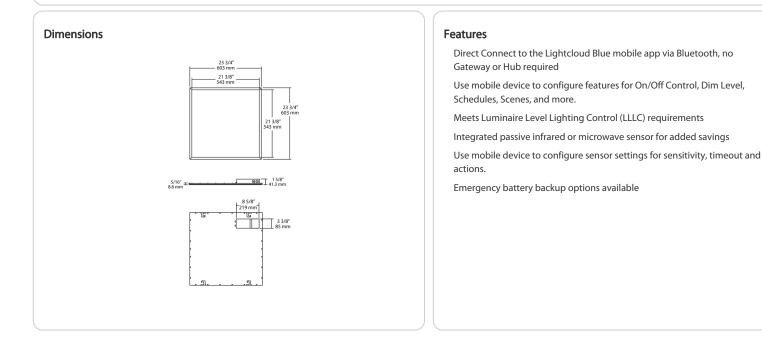Mercury and UV free. RoHS-compliant components.

Lightcloud

Lightcloud Blue Installed:
Integrated/embedded networked lighting control, luminaire-level lighting control. Fixture, Zone, and plug-load control from one powerful device. LLLC - capable of switching, 0-10Vdimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud Blue utilizes a "BLE 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 "BLE Mesh" network communication protocols. The Lightcloud Blue controller is designed to be attached to the fixture directly.
DLC system - N1XMLOEATBA
Learn more about Lightcloud.

LED Characteristics

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

Dimensions

23 3/4"
603 mm

21 3/8"
543 mm

23 3/4"
603 mm

21 3/8"
543 mm

5/16"
8.6 mm

1 5/8"
41.3 mm

8 5/8"
219 mm

3 3/8"
85 mm

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

Ordering Matrix

Family	Size		Wattage	Color Temp	Dimming (standard)	Control Options	Other Options
EZPAN	2X2	–	40	YN	/D10	/LCB	

Size
2X4 = 2' x 4'
2X2 = 2' x 2'
1X4 = 1' x 4'

Wattage
17 = 17W
30 = 30W
40 = 40W
50 = 50W

Color Temp
Blank = 5000K Cool
N = 4000K Neutral
YN = 3500K Warm Neutral
Y = 3000K Warm

Dimming (standard)
/D10 = 0-10V Dimming

Control Options
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

Other Options
Blank = None
/E2 = Battery Backup

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

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