# PANEL2X4-44Y/D10/LC



44W

3000K

82 CRI

100000

135 LPW

6.038



Color: White

# Weight: 34.0 lbs

# **Technical Specifications**

# Lightcloud

#### Lightcloud Installed:

Lightcloud is a commercial wireless lighting control system and service fully developed and supported by RAB. It's powerful and flexible, yet easy to use and install.

#### Electrical

## **Dimming Driver:**

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

#### Drivers:

Two (2) Constant Current, Class 2, 100-277V, 50/60Hz, 4kV Surge Protection, 450mA, 100-277V: 0.4A, Power Factor 99.2%

#### Listings

#### **UL Listing:**

Suitable for damp locations. Recommended for indoor use only.

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaries have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

#### **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: PY6NRQ3V

Construction

# IC Rating:

Suitable for insulated ceilings

#### Lens:

High-transmission acrylic lens with excellent distribution and uniformity.

#### Housing:

Lightweight housing is constructed of extruded aluminum.

**Project:** 

**Driver Info** 

Type

120V:

208V:

240\/-

277V:

Input Watts:

Efficiency:

Prepared By:

Constant Current

0.37A

0.25A

0.22A

0.19A

45W

98%

# Installation:

Modular splice box/driver compartment for quick installation. Integral Tee-grid ceiling clips make installation easy and secure.

# Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

#### Green Technology:

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

#### **LED Characteristics**

#### LEDs:

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

# Lifespan:

Other

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

#### **Color Consistency:**

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

# California Title 24:

PANEL2x4-44/D10 complies with 2013 California Title 24 building and electrical codes as a commercial indoor fixture for general spaces when used with a vacancy sensor and 0-10V dimming control. Select a vacancy sensor using catalog number LVS800. 0-10V dimmer provided by others.

#### Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Type:

Date:

LED Info

Color Temp:

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

Watts

# **Buy American Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

#### **Recovery Act (ARRA) Compliant:**

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

### Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

#### **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

#### 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.

# PANEL2X4-44Y/D10/LC



# Features

Up to 60% savings on energy costs

High-reflectance (91%) powder coat applied post fabrication for a more durable finish

Ultra-smooth diffusion lens creates uniform light, edge to edge, for evenly lit spaces

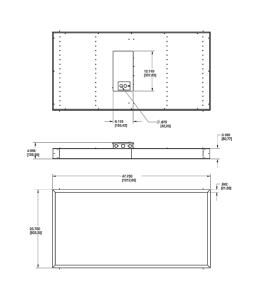
100,000-hour LED Lifespan

5-year warranty

Built in support Lightcloud™

Easy setup - simply power on, confirm device connectivity and call 844-LIGHTCLOUD





# **Ordering Matrix**

Family	Size	Watts	Color Temp	Dimming	Lightcloud
PANEL	2X4	44	Y	/D10	/LC
	<b>2X4</b> = 2' × 4'	<b>44</b> = 44W <b>59</b> = 59W	Y = 3000K (Warm) YN = 3500K (Warm Neutral) N = 4000K (Neutral)	Blank = No Dimming /D10 = Dimmable	/LC = Lightcloud