



LED efficiency and performance in an economical 2'x4' center basket troffer. Includes built in support for Lightcloud, a wireless lighting control system fully developed and supported by RAB

Color: White

Weight: 23.1 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
 120V: 0.33A
 208V: 0.20A
 240V: 0.17A
 277V: 0.15A
 Input Watts: 39W
 Efficiency: 99%

LED Info

Watts: 39W
 Color Temp: 3500K
 Color Accuracy: 84 CRI
 L70 Lifespan: 100000
 Lumens: 5051
 Efficacy: 129 LPW

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.

Listings

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.

DLC Product Code: PBGV47Q8

UL Listing:

Suitable for damp locations

IESNA LM-79 & IESNA LM-80 Testing:

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

Electrical

Driver:

Class 2, Constant Current, 100-277V, 50/60Hz, 120V: 0.33A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A, THD <15%, Power Factor >90%, 4kV surge protection

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:

3.9% at 120V, 8.1% at 277V

Power Factor:

99.7% at 120V, 95.0% at 277V

Construction

Ambient Temperature:

Suitable for 40°C (104°F) ambient temperatures

IC Rating:

Suitable for direct contact with insulation

Housing:

Die-formed, 20-gauge, cold-rolled steel

Mounting:

Integral T-grid clips make installation easy and secure

Reflector:

High-reflectance, powder-coated finish, optimized for uniform distribution

Lens:

Snap-in, frosted polycarbonate lens

Finish:

Formulated for high-durability and long lasting color.

Green Technology:

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

LED Characteristics

LEDs:

Long-life, high-efficiency surface mounting LEDs

Lifespan:

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

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2015.

Replacement:

Replaces (2) F32 T8 or (2) F28 T5

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.

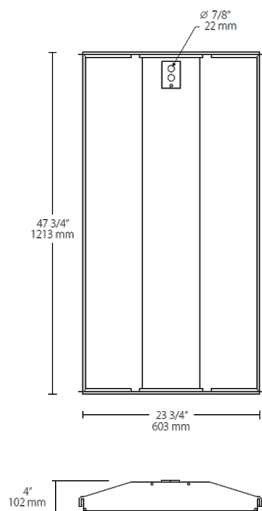
Patents:

This design is protected by patents pending in US, Canada, China, Taiwan and Mexico.

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

- Ultra-efficient performance with DLC Premium listing
- Optional surface mount and drywall frame kits available
- 0-10V dimming standard on all models
- 100,000-hour LED lifespan
- 5-year warranty
- Easy setup - simply power on and call 844-LIGHTCLOUD

Ordering Matrix

Family	Size	Watts	Color Temp	Dimming	Lightcloud
SWISH	2X4	39	YN	/D10	/LC
	2X4 = 2' x 4'	39 = 39W 49 = 49W	Y = 3000K (Warm) YN = 3500K (Warm Neutral) N = 4000K (Neutral)	/D10 = Dimmable	/LC = Lightcloud