



LED efficiency and performance in an ultra-economical center basket troffer.

Color: White

Weight: 14.4 lbs

Project:

Type:

Prepared By:

Date:

### Driver Info

Type	Constant Current
120V	0.25A
208V	0.14A
240V	0.12A
277V	0.11A
Input Watts	26.6W

### LED Info

Watts	29W
Color Temp	3500K (Warm Neutral)
Color Accuracy	83 CRI
L70 Lifespan	60,000 Hours
Lumens	3,271 lm
Efficacy	123 lm/W

## Technical Specifications

### Lightcloud

#### Lightcloud Sensor Installed:

Occupancy, vacancy, and closed loop daylight harvesting in one versatile sensor. In addition control any fixture in your Lightcloud 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 mesh network communication protocols.

DLC system - N1XMLOEATBA

[Learn more about Lightcloud.](#)

### Compliance

#### UL Listed:

Suitable for damp locations

#### CECA Compliant:

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

#### 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. Designed to meet DLC 5.1 requirements.

DLC Product Code: PEC91X7E

### Electrical

#### Driver:

Class 2, Constant Current, 120-277V, 50/60Hz, 120V: 0.25A, 208V: 0.14A, 240V: 0.12A, 277V: 0.11A

#### Dimming Driver:

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

#### THD:

3.43% at 120V, 7.34% at 277V

#### Power Factor:

99.6% at 120V, 91.7% at 277V

#### Surge Protection:

2.5kV

#### Battery Backup:

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

#### Battery Backup Light Loss Factor:

0.19

### Construction

#### Cold Weather Starting:

The minimum starting temperature is -20°C (-4°F)

#### Ambient Temperature:

Suitable for use in up to 40°C (104°F)

#### IC Rated:

Suitable for direct contact with insulation

#### Housing:

Die-formed, 24-gauge, cold-rolled steel

#### Mounting:

Integral T-grid clips make installation easy and secure

#### Reflector:

Integral reflector (on the sides) with high reflectance finish, optimized for uniform distribution.

#### Lens:

Frosted polycarbonate

#### Finish:

Formulated for high durability and long-lasting color

**Technical Specifications (continued)**

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

**LED Characteristics**

**LEDs:**

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

**Color Uniformity:**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

**Performance**

**Lifespan:**

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

**Wattage Equivalency:**

Equivalent to (2) F32T8

**Other**

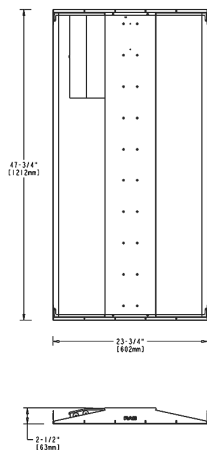
**5 Yr Limited Warranty:**

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://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.

**Dimensions**



**Features**

- Optional surface and recessed mount kits available
- Optional programmable occupancy sensor for multi-level lighting control
- 0-10V dimming, standard on all models
- 60,000-hour LED lifespan
- 5-Year, limited warranty

Ordering Matrix

Family		Size		Wattage	Color Temp	Options
SWISH34	-	2X4	-	29	YN	/LCS/E2

2X2 = 2' x 2'  
2X4 = 2' x 4'

19 = 19W (2' x 2')  
29 = 29W (2' x 2', 2' x 4')  
39 = 39W (2' x 4')

N = 4000K Neutral  
YN = 3500K Warm Neutral

Blank = No Option  
/E2 = Battery Backup  
/LC = Lightcloud® Controller  
/LCS = Lightcloud® Sensor  
/LCB = Lightcloud® Blue Enabled  
/LCBS = Lightcloud® Blue Enabled w/ PIR Sensor  
/LCBS/MVS = Lightcloud® Blue Enabled w/ MVS Sensor  
/PIR = Passive Infrared Occupancy Sensor  
/LC/E2 = Lightcloud® Controller w/ Battery Backup  
/LCS/E2 = Lightcloud® Sensor w/ Battery Backup  
/LCB/E2 = Lightcloud® Blue Enabled and Battery Backup  
/LCBS/E2 = Lightcloud® Blue Enabled w/ PIR Sensor and Battery Backup  
/LCBS/MVS/E2 = Lightcloud® Blue Enabled w/ MVS Sensor and Battery Backup  
/PIR/E2 = Passive Infrared Occupancy Sensor w/ Battery Backup