



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	26.7W

### LED Info

Watts	29W
Color Temp	4000K (Neutral)
Color Accuracy	82 CRI
L70 Lifespan	60,000
Lumens	3,578
Efficacy	134 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.](#)

### Listings

#### 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

#### IESNA LM-79 & IESNA 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.

### 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

## Technical Specifications (continued)

### Construction

#### 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

### 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

### Other

#### Equivalency :

Equivalent to (2) F32T8

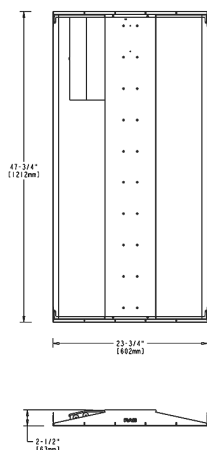
#### 5 Yr Limited Warranty:

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	N	/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  
**/PIR** = Passive Infrared Occupancy Sensor  
**/LC/E2** = Lightcloud® Controller w/ Battery Backup  
**/LCS/E2** = Lightcloud® Sensor w/ Battery Backup  
**/PIR/E2** = Passive Infrared Occupancy Sensor w/ Battery Backup