



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	0.33A
208V	0.19A
240V	0.17A
277V	0.15A
Input Watts	37.8W

### LED Info

Watts	39W
Color Temp	3500K (Warm Neutral)
Color Accuracy	84 CRI
L70 Lifespan	60,000
Lumens	4,388
Efficacy	116.1 lm/W

## Technical Specifications

### 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: 0.33A, 208V: 0.19A, 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:

14.18% at 120V, 8.96% at 277V

#### Power Factor:

89.7% at 120V, 99.1% 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:

0.4

### 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

## Technical Specifications (continued)

### Construction

#### 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

### Sensor Specifications

#### Maximum Mounting Height:

13 ft.

#### Voltage:

12V DC (+3V-0V)

#### Dimming:

0-10V dimming output, max 20mA sinking current

#### Operating Temperature:

-20°C - 50°C (-4°F - 122°F)

#### Storage Temperature:

-25°C - 70°C (-13°F - 158°F)

#### Operating Humidity:

5% - 93% without condensation

#### IP Rating:

IP20

#### Warm Up Time:

45s +/-5s

#### Standby (w):

<0.3W

#### Module Interaction:

Wire AWG 22 (Grey Dim -, Purple Dim +, Yellow 12V DC)

#### On-Time Adjustment:

10s, 5min, 10min, 30min with +/-5% tolerance (Factory Setting: 30min +/-5%)

#### Bi-Level:

0, 10%, 30%, 50% with +/-5% tolerance (Factory Setting: 10%)

#### Debounce Time:

Day to Night: 5s  
Night to Day: 30s

#### Open Circuit Protection:

No

#### Short Circuit Protection :

Yes

### Other

#### Equivalency :

Equivalent to (3) F32T8

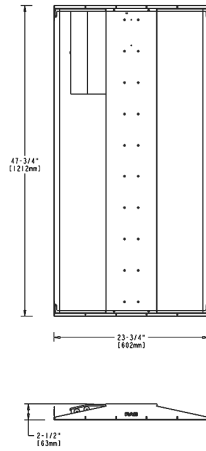
#### 5 Yr Limited Warranty:

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	-	39	YN	/PIR/E2
	2X2 = 2' x 2'	19 = 19W (2' x 2')	N = 4000K (Neutral)			Blank = No Option
	2X4 = 2' x 4'	29 = 29W (2' x 2', 2' x 4')	YN = 3500K (Warm Neutral)			/E2 = Battery Backup
		39 = 39W (2' x 4')				/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