



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

Color: White

Weight: 8.4 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	3500K (Warm Neutral)
Color Accuracy	84 CRI
L70 Lifespan	60,000 Hours
Lumens	3,202
Efficacy	119.9 lm/W

Technical Specifications

Compliance

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:

3.48% at 120V, 7.48% 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:

0.25

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

Other

Equivalency :

Equivalent to (3) F17T8

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.

Buy American Act Compliance:

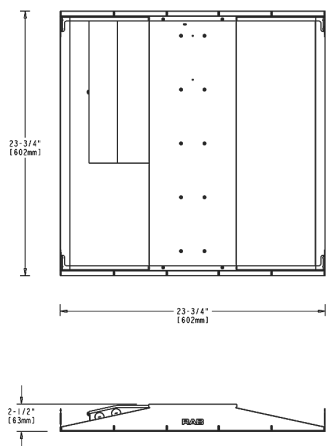
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Listings

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: PFKMNB0D

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	-	2X2	-	29	YN	/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