

Center Basket Troffer

PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



FINISHES	
2X2	WHITE
2X4	WHITE



TECHNICAL SPECIFICATIONS

COMPLIANCE

UL Listed

Suitable for damp locations.
IC rated for direct contact with insulation.

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

LED CHARACTERISTICS

LEDS

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

Lifespan

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

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

CONSTRUCTION

Cold Weather Starting

The minimum starting temperature is -30°C (-22°F)

Maximum Ambient Temperature

Suitable for use up to 40°C (104°F)

Housing

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

Reflector

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

Mounting

Integral T-grid clips make installation easy and secure

Lens:

Frosted polycarbonate

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

TECHNICAL SPECIFICATIONS Continued

ELECTRICAL

Drivers

19W(2x2): Constant Current Class 2, 120-277V, 50/60 Hz,
120V: 0.16A, 208V: 0.10A, 240V: 0.08A, 277V: 0.11A

29W(2x2 & 2x4): Constant Current Class 2, 120-277V, 50/60 Hz,
120V: 0.25A, 208V: 0.14A, 240V: 0.12A, 277V: 0.11A

39W (2x4): Constant Current Class 2, 120-277V, 50/60 Hz,
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%.

Surge Protection:

2.5kV

KEY FEATURES

Optional **surface and recessed mount** kits available

Optional **programmable occupancy sensor** for multi-level lighting control

0-10V dimming standard on all models

Battery backup option offered

Available with **Lightcloud**

60,000-Hour LED lifespan

OTHER

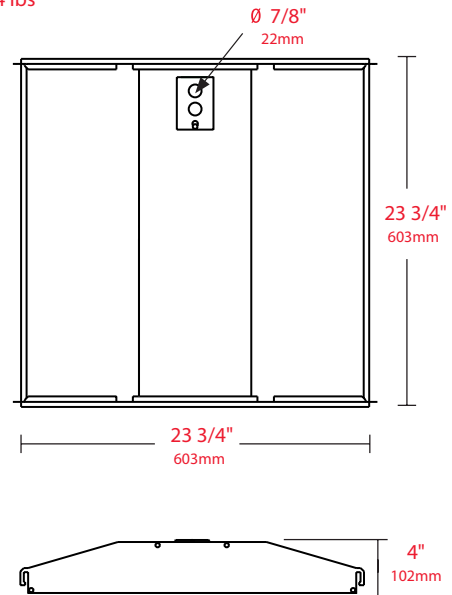
5-Year Limited Warranty**

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.

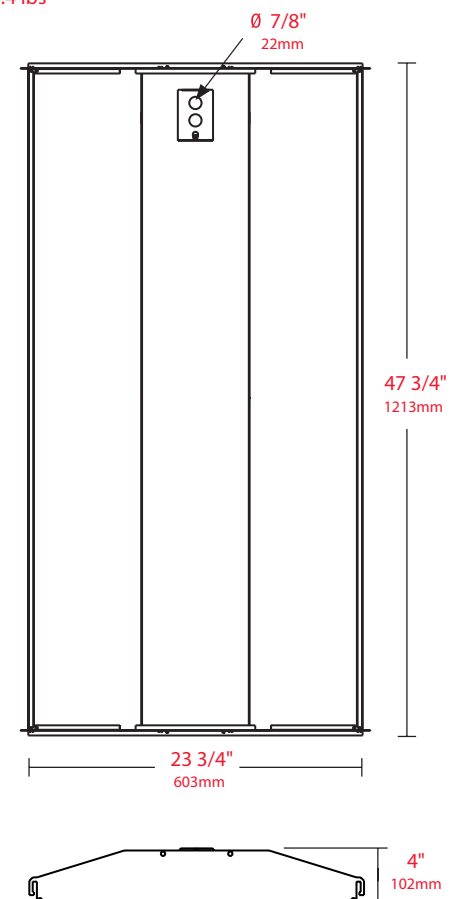
SWISH[®]34 2X2

Weight 8.4 lbs



SWISH[®]34 2X4

Weight 14.4 lbs



PERFORMANCE

SWISH®34 2X2

19W	4000K Neutral	3500K Warm neutral
LUMENS	2,268	2,153
INPUT WATTS	18.5	18.5
LM/W	122.6	116.4
CRI	83	84

29W	4000K Neutral	3500K Warm neutral
LUMENS	3,373	3,202
INPUT WATTS	26.7	26.7
LM/W	126.2	120
CRI	83	84

SWISH®34 2X4

29W	4000K Neutral	3500K Warm neutral
LUMENS	3,578	3,271
INPUT WATTS	26.7	26.6
LM/W	133.8	123
CRI	82	83

39W	4000K Neutral	3500K Warm neutral
LUMENS	4,800	4,388
INPUT WATTS	38	37.8
LM/W	126.2	116.1
CRI	82	84

CONTROL SPECIFICATIONS

NETWORKED CONTROLS

Wireless switching, 0-10V dimming, and power monitoring with a smaller footprint for 3A applications

Easy setup - simply power on, confirm device connectivity and call [844-LIGHTCLOUD](tel:844-LIGHTCLOUD)

Small profile for concealed installations

Cloud-based management - no software to install or maintain

Connects to Lightcloud Gateway and other Lightcloud devices

Connects via a secure, encrypted, and self-healing 2.4 GHz wireless mesh network

Repeater Mode to extend range of wireless mesh network

STANDALONE CONTROLS

Bi-Level 0, 10%, 30%, 50% with +/-5% tolerance (factory setting: 10%)

Short Circuit Protection

Voltage 12V DC (+3V-0V)

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

On-Time Adjustment 10s, 5min, 10min, 30min with +/-5% tolerance (factory setting: 30min +/-5%)

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

ORDERING INFORMATION

SWISH®34

Family	Size	Wattage	Color Temp	Options
SWISH34	2X2	19	N	Blank
	2X4	29	YN	/E2
		39		/LC
				/LCS
	2' x 2'	19W (2' x 2')	4000K (Neutral)	/PIR
	2' x 4'	29W (2' x 2') (2' x 4')	3500K (Warm Neutral)	/LC/E2
		39W (2' x 4')		/LCS/E2
				/PIR/E2
				No Option
				Battery Backup
				Lightcloud® Controller
				Lightcloud® Sensor
				Passive Infrared Occupancy Sensor
				Lightcloud® Controller w/ Battery Backup
				Lightcloud® Sensor w/ Battery Backup
				Passive Infrared Occupancy Sensor w/ Battery Backup