

# Field-Adjustable Center Basket Troffer SWISH® FA

**RAB**
**2X2**

**2X4**

**Driver:**

Constant Current, Class 2, 120-277V, 50/60 Hz

**(2x2)**
**19W:** 0.16A @ 120V; 0.10A @ 208V, 0.08A @ 240V, 0.07A @ 277V

**29W:** 0.25A @ 120V; 0.15A @ 208V, 0.13A @ 240V, 0.12A @ 277V

**39W:** 0.33A @ 120V; 0.20A @ 208V, 0.17A @ 240V, 0.15A @ 277V

**(2x4)**
**29W:** 0.22A @ 120V; 0.15A @ 208V, 0.13A @ 240V, 0.11A @ 277V

**39W:** 0.33A @ 120V; 0.20A @ 208V, 0.17A @ 240V, 0.15A @ 277V

**49W:** 0.39A @ 120V; 0.24A @ 208V, 0.21A @ 240V, 0.17A @ 277V

**Features**

- Field-adjustable lumen output (3 discrete steps)
- White tunable (3 discrete color temperatures)
- Can be changed during and after installation
- Battery backup option offered
- Microwave occupancy sensor
- Available with Lightcloud Controller®

**Project:**
**Type:**
**Prepared By:**
**Date:**
**Technical Specifications**
**UL Listing:**

 Suitable for dry, damp locations.  
 IC rated for direct contact with thermal 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.

**LEDs:**

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

**Lifespan:**

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

**Cold Weather Starting:**

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

**Ambient Temperature:**

Suitable for use up to 40°C (104°F)

**Lens:**

Frosted polycarbonate

**Mounting:**

Recessed ceiling

**Housing:**

Die-formed, 20-gauge, cold-rolled steel

**Reflector:**

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

**Final:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components

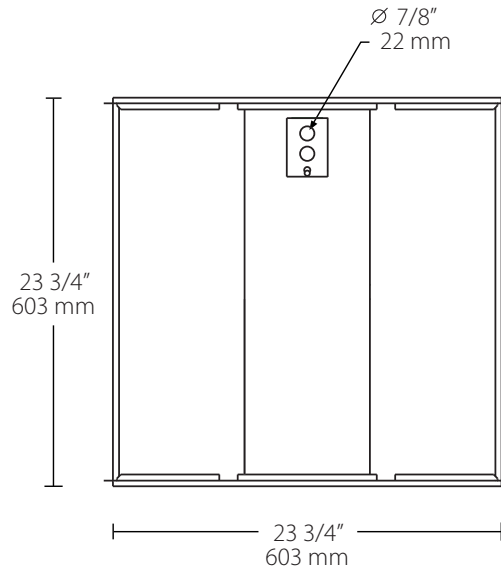
**Warranty:**

 RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

# Dimensions and Weight

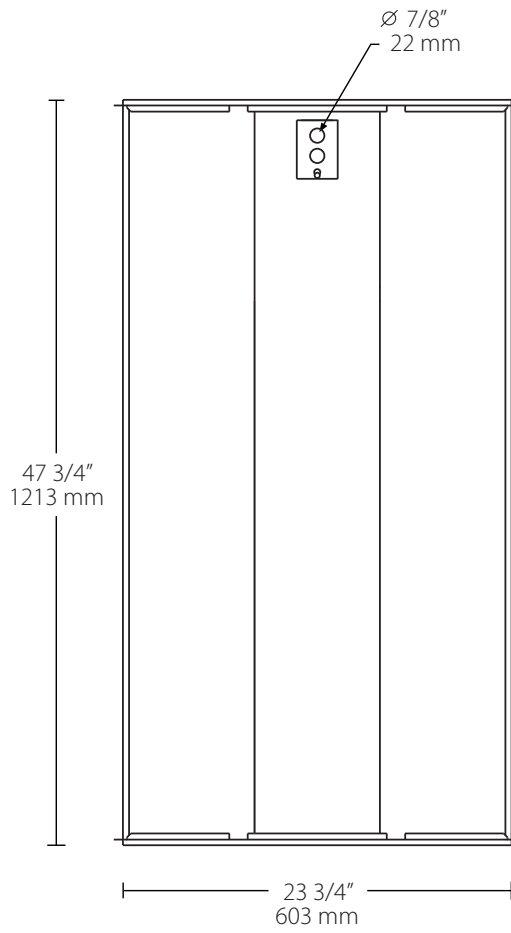
**2x2**

**Weight:** 14 lbs



**2x4**

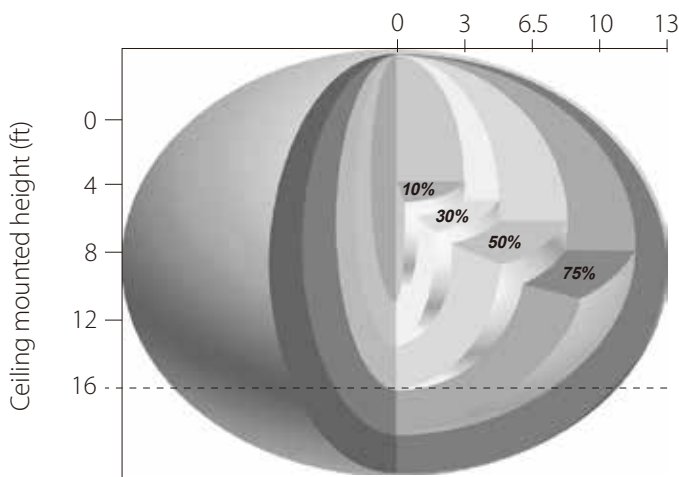
**Weight:** 23 lbs



**Performance**







	19W			29W			39W		
	3500K <i>(Warm Neutral)</i>	4000K <i>(Neutral)</i>	5000K <i>(Cool)</i>	3500K <i>(Warm Neutral)</i>	4000K <i>(Neutral)</i>	5000K <i>(Cool)</i>	3500K <i>(Warm Neutral)</i>	4000K <i>(Neutral)</i>	5000K <i>(Cool)</i>
<b>2 x 2</b>									
<b>Lumens</b>	2432	2573	2529	3677	3954	3816	4463	4913	4691
<b>Efficacy (lm/W)</b>	129	139	134	123	136	128	116	133	122
<b>Color Accuracy (CRI)</b>	84	86	84	84	85	84	83	85	84
<b>2 x 4</b>									
<b>Lumens</b>	3484	3677	3624	4875	5263	5072	5702	5882	5806
<b>Efficacy (lm/W)</b>	133	144	138	125	139	130	119	137	125
<b>Color Accuracy (CRI)</b>	84	85	84	84	85	84	83	85	84

Detection Pattern (Ceiling mounted)



**Microwave Sensor**

Features

-  • 24-hour daylight monitoring dawn/dusk sensor
-  • Tri-level dimming control based upon occupancy *(also known as corridor function)*
-  • 1-10V dimming control method
-  • One-touch daylight learning via remote control
-  • Zero crossing detection circuit reduces in-rush current and prolongs relay life
-  • Loop-in and loop-out terminal for efficient installation

# Ordering Matrix



Product	Size	Voltage	Options
SWISHFA	<p><b>2X2</b>    2' X 2'</p> <p><b>2X4</b>    2' X 4'</p>	<p>/D10</p> <p>0-10V dimming</p>	<p><b>Blank</b></p> <p>/LC</p> <p>/E2</p> <p>/MVS</p> <p>No options</p> <p>Lightcloud Controller</p> <p>Battery Backup</p> <p>Occupancy Sensor</p>

Product	Size
<p>SMKPANEL</p> <p>Surface Mount Kit</p>	<p><b>2X2</b>    2' X 2'</p> <p><b>2X4</b>    2' X 4'</p>

Product	Size
<p>RMKPANEL</p> <p>Recessed Mount Kit</p>	<p><b>2X2</b>    2' X 2'</p> <p><b>2X4</b>    2' X 4'</p>