



LED efficiency and performance in an economical 2'x2' center basket troffer.

Color: White

Weight: 13.7 lbs

Project:

Type:

Prepared By:

Date:

#### Driver Info

Type: Constant Current  
120V: 0.16A  
208V: 0.10A  
240V: 0.09A  
277V: 0.08A  
Input Watts: 20W  
Efficiency: 97%

#### LED Info

Watts: 19W  
Color Temp: 4000K (Neutral)  
Color Accuracy: 85 CRI  
L70 Lifespan: 100,000  
Lumens: 2461  
Efficacy: 126 LPW

## Technical Specifications

### Listings

#### UL Listing:

Suitable for damp locations

#### 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: PAMSUTEM

#### 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, 100-277V, 50/60Hz, 120V: 0.16A, 208V: 0.10A, 240V: 0.09A, 277V: 0.08A, THD <15%, Power Factor >90%, 4kV surge protection

#### Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

#### THD:

13.1% at 120V, 12.6% at 277V

#### Power Factor:

98.7% at 120V, 90.1% at 277V

### Construction

#### Ambient Temperature:

Suitable for 40°C (104°F) ambient temperatures

#### IC Rating:

Suitable for direct contact with insulation

#### Housing:

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

#### Mounting:

Integral T-grid clips make installation easy and secure

#### Reflector:

High-reflectance, powder-coated finish, optimized for uniform light distribution

#### Lens:

Snap-in, frosted polycarbonate lens

#### 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

#### Lifespan:

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

#### Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period

#### Color Uniformity:

RAB's range of CCT (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.

### Other

#### 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

#### Patents:

This design is protected by patents pending in US, Canada, China, Taiwan and Mexico

#### Replacement:

Replaces (2) F17 T8 or (2) F24 T5

Features

- Ultra-efficient performance with DLC Premium listing
- Optional surface mount and drywall frame kits available
- Optional programmable occupancy sensor for multi-level lighting control
- 0-10V dimming standard on all models
- 100,000-hour LED lifespan5-Year, No-Compromise Warranty

Ordering Matrix

Family	Size	Wattage	Color Temp	Driver	Options	Chicago Penum
SWISH	2X2	19	N	/D10	^	^
	2X4 = 2' x 4'	19 = 19W (2x2)	N = 4000K (Neutral)	/D10 = 0-10V Dimming	Blank = No Option	Blank = Standard
	2X2 = 2' x 2'	29 = 29W (2x2)	YN = 3500K (Warm Neutral)		/E2 = Emergency Battery Backup	/CP = Chicago Plenum
		39 = 39W (2x4)	Y = 3000K (Warm)		/LC = Lightcloud Controller	
		49 = 49W (2x4)			/MVS = Occupancy Sensor	
					/MVS/E2 = Occupancy Sensor + Emergency Battery Backup	