



| | |
|---------------------|--------------|
| Project: | Type: |
| Prepared By: | Date: |

| Driver Info | | LED Info | |
|-------------|------------------|----------------|------------------|
| Type | Constant Current | Watts | 39W |
| 120V | 0.33A | Color Temp | Field Adjustable |
| 208V | 0.19A | Color Accuracy | 83 CRI |
| 240V | 0.17A | L70 Lifespan | 100,000 Hours |
| 277V | 0.14A | Lumens | 3537-5561 lm |
| Input Watts | 28.5-47.1W | Efficacy | 116.5-125.5 lm/W |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
2' x 4': 49W/39W/29W (factory default 39W)
Color temperature (selectable by 3500K and 4000K)

Compliance

UL Listed:

Suitable for dry and damp locations.

CCEA Compliant:

Luminaire Requirements used in Environmental Air Space per the electrical code specification of the City of Chicago

IESNA LM-79 & 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

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: S-GP2CZT

Performance

Lifespan:

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

Wattage Equivalency:

Equivalent to (3) F32T8 or (3) F28T5

Electrical

Drivers:

Class 2, Constant Current, 120-277V, 50/60Hz
29W: 120V: 0.25A, 208V: 0.14A, 240V: 0.12A, 277V: 0.11A
39W: 120V: 0.33A, 208V: 0.19A, 240V: 0.17A, 277V: 0.14A
49W: 120V: 0.41A, 208V: 0.24A, 240V: 0.21A, 277V: 0.18A

Dimming Driver:

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

THD:

2.93% at 120V, 5.63% at 277V

Power Factor:

99.69% at 120V, 95.2% at 277V

Surge Protection:

2kV

Battery Backup:

Battery backup will operate the LED Lamp for 90 minutes if power fails. Wired for 120V-277V.

Battery Backup Light Loss Factor:

29W: 0.67
39W: 0.50
49W: 0.42

LED Characteristics

LEDs:

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

Color Stability:

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

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

Operating Temperature:

-20°C (-4°F) to 40°C (104°F)

IC Rated:

Suitable for direct contact with insulation

Technical Specifications (continued)

Housing:

Galvanized sheet metal

Mounting:

Recessed into T-grid ceiling. Surface and recessed mounting kits available for drywall ceilings.

Reflector:

Aluminum with high reflectance white finish, optimized for uniform distribution.

Lens:

Frosted polystyrene

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Other

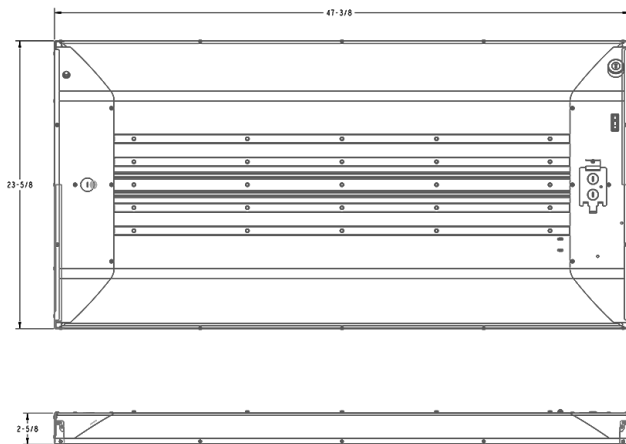
Warranty:

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 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

- Field-adjustable light output (3 discrete steps)
- White tunable (2 discrete color temperatures)
- 100,000-Hour LED lifespan
- 5-Year, No-Compromise Warranty

Ordering Matrix

| Family | Size | Options |
|--|------|--|
| SWISHFA-ISLAND | 2X4 | /E |
| 2X2 = 2' x 2' 19W/29W/39W 3500K/4000K 2X4 = 2' x 4' 29W/39W/49W 3500K/4000K | | Blank = No Option /E = Battery Backup /LC = Lightcloud® Controller /LCS = Lightcloud® Sensor /LCB = Lightcloud® Blue Enabled /LCBS = Lightcloud® Blue Enabled w/ PIR Sensor /MVS = Microwave Occupancy Sensor /LCBS/MVS = Lightcloud® Blue Enabled w/ MVS Sensor /LC/E = Lightcloud® Controller w/ Battery Backup /LCS/E = Lightcloud® Sensor w/ Battery Backup /LCB/E = Lightcloud® Blue Enabled w/ Battery Backup /LCBS/E = Lightcloud® Blue Enabled w/ PIR Sensor and Battery Backup /LCBS/MVS/E = Lightcloud® Blue Enabled w/ MVS Sensor and Battery Backup /MVS/E = Microwave Occupancy Sensor w/ Battery Backup |