SWISHFA-ISLAND2X2/LC

RAB

<table>
<tr><td>Project:</td><td>Type:</td></tr>
<tr><td>Prepared By:</td><td>Date:</td></tr>
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Color: White   Weight: 11.7 lbs

Driver Info

Type	Constant Current
120V	0.25A
208V	0.14A
240V	0.12A
277V	0.11A
Input Watts	18-36.9W

LED Info

Watts	29W
Color Temp	Field Adjustable
Color Accuracy	83-84 CRI
L70 Lifespan	100,000 Hours
Lumens	2227-4408
Efficacy	116.5-126.1 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field adjustable light output:
2' x 2': 19W/29W/39W (factory default 29W)
Color temperature (selectable by 3500K and 4000K)

Lightcloud

Lightcloud Controller Installed:

Integrated/embedded networked lighting control, luminaire-level lighting control. Fixture, Zone, and plug-load control from one powerful device. LLLC - capable of switching, 0-10Vdimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud mesh network communication protocols. Offers the capability to set the maximum light output to a less-than-maximum state of an individual luminaire at the time of installation or commissioning. The High-End trim functionality is field reconfigurable via the Lightcloud mesh network communication protocols. The Lightcloud controller can be attached to the fixture, junction box, or electrical panel.
DLC system - N1XMLOEATBA
Learn more about Lightcloud.

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

Performance

Lifespan:

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

Electrical

Drivers:

Class 2, Constant Current, 120-277V, 50/60Hz
19W: 120V: 0.16A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A
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

Dimming Driver:

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

THD:

2.49% at 120V, 4.56% at 277V

Power Factor:

99.8% at 120V, 94.75% at 277V

Surge Protection:

2kV

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.

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.

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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RAB

Technical Specifications (continued)

Construction

Ambient Operating Temperature:

-20°C (-4°F) to 40°C (104°F)

IC Rated:

Suitable for direct contact with insulation

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.

Trade Agreements Act Compliant:

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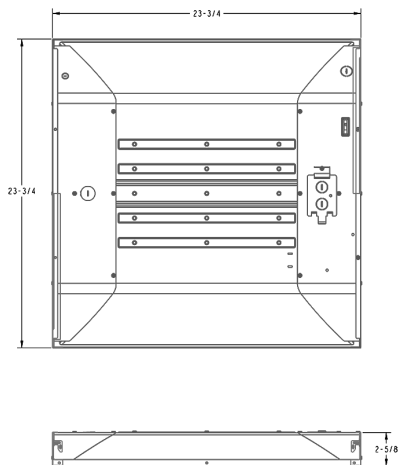
Buy American Act Compliance:

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.

Equivalency:

Equivalent to (4) F17T8 or (4) F14T5

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

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Ordering Matrix

Family	Size	Options
SWISHFA-ISLAND	2X2	/LC

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
/MVS = Microwave Occupancy Sensor
/LC/E = Lightcloud® Controller w/ Battery Backup
/LCS/E = Lightcloud® Sensor w/ Battery Backup
/MVS/E = Microwave Occupancy Sensor w/ Battery Backup

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