C-SWISH2X4/MVS

RAB

Color: White   Weight: 11.3 lbs

Project:		Type:
Prepared By:		Date:

Driver Info

Type	Constant Current
120V	0.30A/0.25A/0.17A
208V	0.17A/0.14A/0.10A
240V	0.15A/0.13A/0.08A
277V	0.13A/0.11A/0.07A
Input Watts	19.7-35.4W

LED Info

Watts	40/30/20W
Color Temp	3500K/4000K/5000K
Color Accuracy	84-86 CRI
L70 Lifespan	100,000 Hours
Lumens	2,810-4,884 lm
Efficacy	133.5-143.8 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
2' x 4': 36W/30W/20W (factory default 36W)
Color temperature selectable by 3500K, 4000K and 5000K (factory default 4000K)

Compliance

UL Listed:
Suitable for damp locations

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.

DLC Listed:
This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: S-SLH8X6

Electrical

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

THD:
6.86% at 120V, 12.76% at 277V

Power Factor:
99.7% at 120V, 97.2% at 277V

Surge Protection:
L-N: 1KV
L/N-PE: 2KV

Construction

Cold Weather Starting:
The minimum starting temperature is -20°C (-4°F)

Ambient Temperature:
Suitable for use in up to 40°C (104°F)

IC Rated:
Suitable for direct contact with insulation

Housing:
Polypropylene (PP)

Mounting:
Recessed ceiling

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

Lens:
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

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.

Performance

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

Sensor Specifications

Capacitance Load:
400VA at 120VAC, 800VA at 230VAC, 1000VA at 277VAC

RAB

Technical Specifications (continued)

Operating Temperature:
-20°C to +60°C (-4°F to +140°F)

Relay:
Zero-cross relay

Maximum Mounting Height:
16.4 ft

Customizable Detection Area:
10, 50, 75 or 100%

Time Delay:
5s, 30s, 1min, 5min, 10min, 20min, 30min

Cut Off Period:
0s, 10s, 1min, 5min, 10min, 30min, 1hr, Bi-Level

Cut-Off Dimming level:
10, 20, 30, 50%

Cut-Off Power:
Less than 1W

Daylight Threshold:
About .2-5 fc for disabled

Sensor Principle:
High Frequency

Microwave Frequency:
5.8GHz +/- 75MHz

Microwave Power:
<0.2mW

Max Detection Range:
26 ft diameter at 16 ft mounting height

Detection Angle:
About 30 to 150 degrees

Remote Control Accessory:
Adjust settings using remote control (catalog# MVSREM). Only available with 0-10V dimming driver options. Remote control available here.

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.
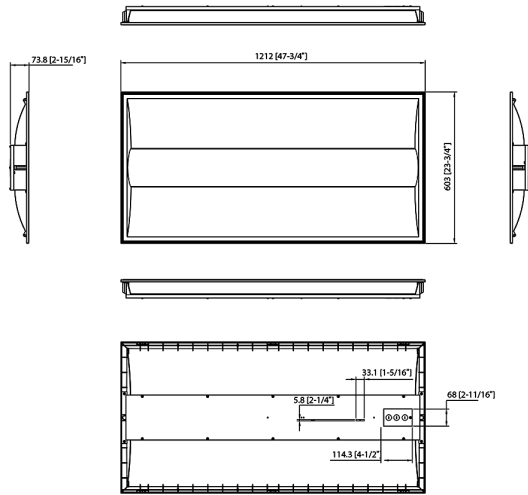
Buy American Act Compliance:
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Driver:
36W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.30A, 208V: 0.17A, 240V: 0.15A, 277V: 0.13A
30W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.25A, 208V: 0.14A, 240V: 0.13A, 277V: 0.11A
20W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.17A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A

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Dimensions

73.8 [2-15/16"]
1212 [47-3/4"]
603 [23-3/4"]

33.1 [1-5/16"]
5.8 [2-1/4"]
68 [2-11/16"]
114.3 [4-1/2"]

Features

0-10V Dimming, standard

100,000-hour LED lifespan

5-Year, no-compromise warranty

Ordering Matrix

Family	Size (Wattages)	Color Temp	Finish	Voltage	Options
C-SWISH	2X4				/MVS

Size (Wattages)	Color Temp	Finish	Voltage	Options
2X2 = 2' x 2' (30/25/20W) **1X4 =** 1' x 4' (30/25/20W) **2X4 =** 2 x 4' (36/30/20W)	**Blank =** 3500K/4000K/5000K CCT Adjustable	**Blank =** White	**Blank =** 120-277V, 0-10V Dimming	**Blank =** No Option **/E =** Battery Backup **/MVS =** Microwave Occupancy Sensor **/LCBS/MVS =** Lightcloud Blue MVS Sensor **/LC =** Lightcloud Controller **/LC/E =** Lightcloud Controller w/Battery Backup **/MVS/E =** Microwave Occupancy Sensor w/Battery Backup **/LCBS/MVS/E =** Lightcloud Blue MVS Sensor w/Battery Backup