



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	40/30/20W
120V	0.30A/0.25A/0.17A	Color Temp	3500K/4000K/5000K
208V	0.17A/0.14A/0.10A	Color Accuracy	84-86 CRI
240V	0.15A/0.13A/0.08A	L70 Lifespan	100,000 Hours
277V	0.13A/0.11A/0.07A	Lumens	2,810-4,884 lm
Input Watts	19.7-35.4W	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-efficiency, surface-mount LEDs

#### Color Stability:

LED color temperature is warranted 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

## Technical Specifications (continued)

### Lightcloud

#### Lightcloud Blue Low Voltage Controller and Related Sensor Installed:

Occupancy, Vacancy, and closed loop daylight harvesting in one versatile sensor. In addition control any fixture in your Lightcloud Blue integrated/embedded networked lighting luminaire-level control system. LLLC - capable of switching, 0-10V dimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud Blue utilizing a "BLE Mesh" network communication protocols. The Lightcloud Blue sensor can be attached to the fixture provided an unobstructed view of the coverage area is available. DLC system - N1XMLOEATBA  
[Learn more about Lightcloud.](#)

#### Technology:

Microwave Sensor

#### Microwave Frequency:

5.8GHz +/-7.5MHz

#### Maximum Mounting Height:

13 ft

#### Maximum Detection Range:

22 ft diameter at 13 ft mounting height

#### Default Setting: Uncommissioned State:

Brightness: 100%  
 Hold Time: 20 Minutes  
 Daylight: Disabled  
 Motion Sensitivity: High  
 Stand-by Dimming Level: 20%  
 Stand-by Time: 1 Minute

#### Commissioned State: Disabled, After Turn on the Occupancy Mode:

Brightness: Last on Brightness  
 Hold Time: 20 Minutes  
 Daylight: Disabled  
 Motion Sensitivity: High  
 Stand-by Dimming Level: 20%  
 Stand-by Time: 0 Minute

### 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](http://rablighting.com/warranty).

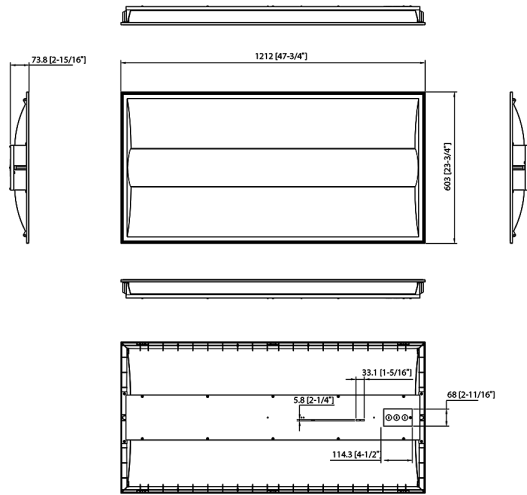
#### Buy American Act Compliance:

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

## Dimensions



## 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	Blank = 3500K/4000K/5000K CCT Adjustable	Blank = White	Blank = 120-277V, 0-10V Dimming	/LCBS/MVS
	2X2 = 2' x 2' (30/25/20W) 1X4 = 1' x 4' (30/25/20W) 2X4 = 2 x 4' (36/30/20W)				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