



Color: White

Weight: 7.5 lbs

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

Driver Info		LED Info	
Type	Constant Current	Watts	30/25/20W
120V	0.25A/0.21A/0.17A	Color Temp	3500K/4000K/5000K
208V	0.14A/0.12A/0.10A	Color	83-85 CRI
240V	0.13A/0.10A/0.08A	Accuracy	
277V	0.11A/0.09A/0.07A	L70 Lifespan	100,000 Hours
Input Watts	19.3-29.3W	Lumens	2,606-3,955 lm
		Efficacy	130.9-138.4 lm/W

## Technical Specifications

### Field Adjustability

#### Field Adjustable:

Field Adjustable Light Output:  
2' x 2': 30W/25W/20W (factory default 30W)  
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 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-TS7VFW

### Electrical

#### Driver:

30W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.25A, 208V: 0.14A, 240V: 0.13A, 277V: 0.11A  
25W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.21A, 208V: 0.12A, 240V: 0.10A, 277V: 0.09A  
20W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.17A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A

#### Dimming Driver:

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

#### THD:

7.14% at 120V, 13.09% at 277V

#### Power Factor:

99.7% at 120V, 95.2% at 277V

#### Surge Protection:

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

#### Battery Backup:

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

### Battery Backup Light Loss Factor:

30W: 14.7%  
25W: 18%  
20W: 22%

### Construction

#### Cold Weather Starting:

Minimum starting temperature is 5°C (41°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

## Technical Specifications (continued)

### 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 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

### 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

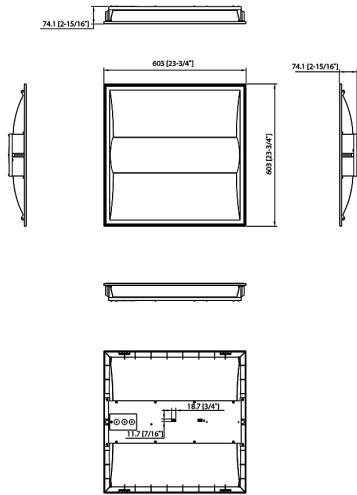
#### Warranty:

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.

**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	2X2				/LCBS/MVS/E
	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