



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

| Driver Info | | LED Info | |
|-------------|-------------------|----------------|------------------|
| Type | Constant Current | Watts | 30/25/18W |
| 120V | 0.25A/0.21A/0.15A | Color Temp | 3500/4000/5000K |
| 208V | 0.14A/0.12A/0.08A | Color Accuracy | 85-86 CRI |
| 240V | 0.13A/0.10A/0.08A | L70 Lifespan | 100,000 Hours |
| 277V | 0.11A/0.09A/0.06A | Lumens | 2,397-3,700 lm |
| Input Watts | 17.69-29.02W | Efficacy | 125.3-135.5 lm/W |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
30/25/18W (factory default 30W)
Color temperature selectable 3500K, 4000K and 5000K (factory default 4000K)

Compliance

UL Listed:

Suitable for wet 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.

IC Rated:

Suitable for direct contact with insulation

CCEA Compliant:

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

DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

Electrical

Driver:

30W: Constant Current, Isolated/Class 2, 120-277V, 50/60 Hz, 120V: 0.25A, 208V: 0.14A, 240V: 0.13A, 277V: 0.11A
25W: Constant Current, Isolated/Class 2, 120-277V, 50/60 Hz, 120V: 0.21A, 208V: 0.12A, 240V: 0.10A, 277V: 0.09A
18W: Constant Current, Isolated/Class 2, 120-277V, 50/60 Hz, 120V: 0.15A, 208V: 0.09A, 240V: 0.08A, 277V: 0.06A

Dimming Driver:

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

THD:

3.74% at 120V, 4.41% at 277V

Power Factor:

99.7% at 120V, 96.2% at 277V

Aux Power Supply:

Yes

Dim to Off:

Yes

Surge Protection:

L-N:2.5 kV,L/N-GND:2.5 kV

Construction

Cold Weather Starting:

The minimum starting temperature is -40°F (-40°C)

Maximum Ambient Temperature:

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

Housing:

Sheet metal

Lens:

Polycarbonate lens

Finish:

Formulated for high durability and long-lasting color

Technical Specifications (continued)

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

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

LED Characteristics

LEDs:

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

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 IESlm-80 results and TM-21 calculations

Sensor Settings

Voltage:

12V DC (+3V-0V)

Dimming:

0-10V dimming output, max 20mA sinking current

Operating Temperature:

-4°F to 122°F (-20°C to 50°C)

Storage Temperature:

-13°F - 158°F (-25°C - 70°C)

Operating Humidity:

5% - 93% without condensation

IP Rating:

IP20

Warm Up Time:

45s +/-5s

Standby (w):

<0.3W

Module Interaction:

Wire AWG 22 (Grey Dim -, Purple Dim +, Yellow 12V DC)

On-Time Adjustment:

10s, 5min, 10min, 30min with +/-5% tolerance
(Factory Setting: 30min +/-5%)

Bi-Level:

0, 10%, 30%, 50% with +/-5% tolerance
(Factory Setting: 10%)

Debounce Time:

Day to Night: 5s
Night to Day: 30s

Open Circuit Protection:

No

Short Circuit Protection :

Yes

Other

5-Year Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

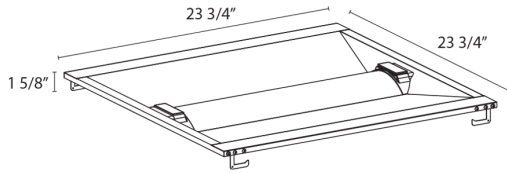
Compatible Accessories:

SMKEZPAN[2X2][1X4][2X4]
Surface mounting kit

EMB-[9][15][25]

0-10V Dimmable 120-347V emergency driver

Dimensions



Features

- 100,000-Hour LED lifespan
- DLC Premium Listed
- 5-Year, limited warranty

Ordering Matrix

| Family | Length/Wattages | Color Temp | Finish | Driver | Options |
|---------|---|--|---------------|---------------------------------|---|
| SWISH34 | - | 2X2 | | | /PIR |
| | 2X2 = 2' x 2' (30/25/18W) 2X4 = 2' x 4' (40/35/30W) 1X4 = 1' x 4' (30/25/18W) | Blank = 3500/4000/5000K CCT Adjustable | Blank = White | Blank = 120-277V, 0-10V Dimming | /LCBS/MVS/E = Lightcloud Blue w/MVS Sensor & Battery Backup /LCBS/E = Lightcloud Blue w/PIR Sensor & Battery Backup /PIR/E = Passive Infrared Occupancy Sensor w/Battery Backup /MVS/E = Microwave Occupancy Sensor w/Battery Backup /LC/E = Lightcloud w/Battery Backup /LCBS/MVS = Lightcloud Blue w/MVS Sensor /LCBS = Lightcloud Blue w/PIR Sensor /PIR = Passive Infrared Occupancy Sensor /MVS = Microwave Occupancy Sensor /LC = Lightcloud /E = Battery Backup Blank = No Option |