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

| Driver Info | | LED Info | |
|-------------|-------------------|----------------|------------------|
| Type | Constant Current | Watts | 90/80/70W |
| 120V | 0.76A/0.67A/0.57A | Color Temp | 3000/4000/5000K |
| 208V | 0.45A/0.39A/0.34A | Color Accuracy | 84-86 CRI |
| 240V | 0.39A/0.35A/0.30A | L70 Lifespan | N/A |
| 277V | 0.34A/0.30A/0.27A | Lumens | 9,162-12,351 lm |
| Input Watts | 66.7-91W | Efficacy | 127.5-146.3 lm/W |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
90W/80W/70W (factory default: 90W)
Color Temperature Selectable:
3000K, 4000K and 5000K (factory default:4000K)
Photocell Selectable:
Built-in on/off photocell (factory default: off)

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.

IP Rating:

Ingress protection rating of IP65 for dust and water

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:

Constant Current, Class 1, 120-277V, 50/60 Hz:
90W: 120V: 0.76A, 208V: 0.45A, 240V: 0.39A, 277V: 0.34A
80W: 120V: 0.67A, 208V: 0.39A, 240V: 0.35A, 277V: 0.30A
70W: 120V: 0.57A, 208V: 0.34A, 240V: 0.30A, 277V: 0.27A

Dimming Driver:

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

Aux Power Supply:

Yes

Dim to Off:

Yes

Battery Backup:

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

Battery Backup Light Loss Factor:

0.073

Surge Protection:

L/N: 4 kV, L/N-PE: 6 kV

Photocell:

Built-in photocell included with on/off switch

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 IESIm-80 results and TM-21 calculations

Technical Specifications (continued)

Construction

Cold Weather Starting:

The minimum starting temperature is 32°F/0°C

Maximum Ambient Temperature w/Battery

Backup:

Suitable for use in up to 140°F(60°C)

Lens:

Polycarbonate frosted drop lens

Gaskets:

Ethylene Propylene Diene Monomer (EPDM)

Housing:

Die-cast aluminum

Reflector/Tray:

Aluminum

Finish:

Formulated for high durability and long-lasting color

Green Technology:

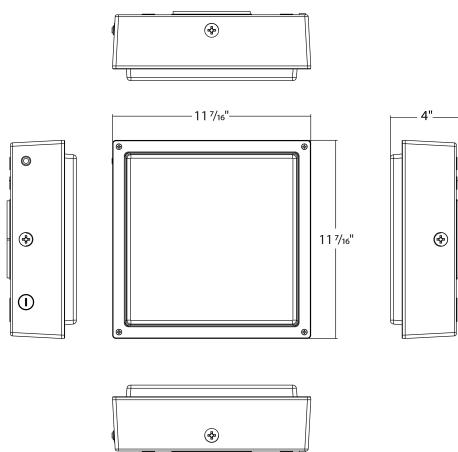
Mercury and UV free. RoHS-compliant components.

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.

Dimensions



Features

- 100,000-Hour LED lifespan
- 0-10V Dimming
- IP65 Rated
- 5-Year, limited warranty

Ordering Matrix

| Family | Wattage | Color Temp | Lens | Finish | Driver | Controls | Battery Backup |
|--------|---|--|---|---|---|---|---|
| VAN34 | 90 | | FR | W | | /MVS | /E |
| | 30 = 30/20/10W 90 = 90/80/70W 60 = 60/50/40W | Blank = 3000/4000/5000K CCT Adjustable | F = Flat Lens FFR = Frosted Flat Lens FR = Frosted Drop Lens Blank = Drop Lens | W = White Blank = Bronze | Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming | /MVS = Microwave Sensor /LCBS/MVS = Lightcloud Blue w/MVS Sensor /LC = Lightcloud Blank = On/Off Photocell | Blank = None /E = Battery Backup |