



Color: Gray                      Weight: 14.9 lbs

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

| Driver Info |                  | LED Info       |                 |
|-------------|------------------|----------------|-----------------|
| Type        | Constant Current | Watts          | 100W            |
| 120V        | 0.92A            | Color Temp     | 3500/4000/5000K |
| 208V        | 0.53A            | Color Accuracy | 80 CRI          |
| 240V        | 0.46A            | L70 Lifespan   | 100,000 Hours   |
| 277V        | 0.40A            | Lumens         | 8220-13700 lm   |
| Input Watts | 100/80/60W       | Efficacy       | 131-143 lm/W    |

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations

UL 94:

5VA flame classification

FCC:

Complies with Part 15B of the FCC Rules

NSF:

NSF Certified by Public Health and Safety

NEMA Rating:

NEMA 4X rating indicates an enclosure protects against windblown dust and rain, splashing and hose-directed water, and offers additional corrosion resistance.

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 IP66 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](http://designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 0.92A, 208V: 0.53A, 240V: 0.46A, 277V 0.40A

Dimming Driver:

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

THD:

4.87% at 120V, 11.74% at 277V

Power Factor:

99.93% at 120V, 95.36% at 277V

Surge Protection:

2.5 kV

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

Wattage Equivalency:

Equivalent to (6) F32T8 or (3) F96T8

Construction

IK Rating:

IK08 Protected against 5 joules of impact. Equivalent to the impact of a 3.75 lbs. (1.7kg) mass dropped from 11.8" (300mm) above the impacted surface.

## Technical Specifications (continued)

### Housing:

Impact-resistant polycarbonate\* with stainless steel door clips. 1/2" NPS opening for conduit and bushing/cord entry. \*Polycarbonate is affected by cleaning agents or other liquids containing partial solvents such as low molecular weight aldehydes and ethers, ketones, esters, aromatic hydrocarbons and perchlorinated hydrocarbons. [Click here for a detailed list of damaging chemicals.](#)

### Lens:

Diffuse polycarbonate lens for low glare and maximum protection

### Reflector:

Cold-rolled steel

### Gaskets:

High-temperature silicone gaskets

### Cold Weather Starting:

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

### Ambient Temperature :

Max Power Temp Rating: 104°F (40°C)

Middle Power Temp Rating: 44°C (111°F)

Low Power Temp Rating: 122°F ( 50°C)

### Installation:

Tether Cables are provided for easy installation. Quick connector may be used for quick and easy wiring.

### Green Technology:

Mercury and UV free. RoHS-compliant components.

### Finish:

Formulated for high durability and long-lasting color

## Installation

### Mounting:

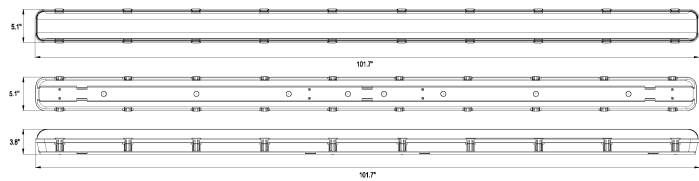
Quick-mount, stainless steel snap on brackets supplied for surface mounting. V-Hook brackets supplied standard for suspending the fixture.

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

Dimensions



Features

- 100,000-Hour LED lifespan
- DLC Premium Listed
- 0-10V dimming, standard
- 5-Year, limited warranty

Ordering Matrix

| Family | Length/Wattage                                                  | Color Temp                                | Finish       | Driver                             | Options                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------|-----------------------------------------------------------------|-------------------------------------------|--------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SEAL   | 8                                                               |                                           |              |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|        | 2 = 2 ft 25/20/15W<br>4 = 4 ft 50/40/30W<br>8 = 8 ft 100/80/60W | Blank = 3500/4000/5000K CCT<br>Adjustable | Blank = Gray | Blank = 0-10V Dimming,<br>120-277V | Blank = No Option<br>/PIR = Passive Infrared Sensor<br>/MVS = Microwave Occupancy Sensor<br>/E = Battery Backup<br>/LCBS = Lightcloud Blue w/PIR Sensor<br>/LCBS/MVS = Lightcloud Blue w/MVS Sensor<br>/MVS/E = Microwave Occupancy Sensor<br>w/Battery Backup<br>/PIR/E = Passive Infrared Sensor w/Battery<br>Backup<br>/LCBS/E = Lightcloud Blue Sensor w/Battery<br>Backup<br>/LCBS/MVS/E = Lightcloud Blue Microwave<br>Occupancy Sensor w/Battery Backup |