



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

| Driver Info |                  | LED Info       |                  |
|-------------|------------------|----------------|------------------|
| Type        | Constant Current | Watts          | 340/270/220W     |
| 120V        | N/A              | Color Temp     | 3000/4000/5000K  |
| 208V        | N/A              | Color Accuracy | 81-84 CRI        |
| 240V        | N/A              | L70 Lifespan   | 100,000 Hours    |
| 277V        | N/A              | Lumens         | 35,728-53,423 lm |
| Input Watts | 214-329.3W       | Efficacy       | 151-175.8 lm/W   |

## Technical Specifications

### Field Adjustability

#### Field Adjustable:

Field Adjustable Light Output:  
100W/80W/50W (factory default 80W)  
Color temperature selectable by 3000K, 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.

#### IP Rating:

Ingress protection rating of IP65 for dust and water

#### 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-W9LX92

### Performance

#### Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

### Wattage Equivalency:

340W: Replaces up to 1,000W Metal Halide (MH) or 1,000W High Pressure Sodium (HPS)  
270W: Replaces up to 1,000W Metal Halide (MH) or 750W High Pressure Sodium (HPS)  
220W: Replaces up to 750W Metal Halide (MH) or 600W High Pressure Sodium (HPS)

### Electrical

#### Driver:

340W: Constant Current, Class 1, Class P, 480V, 50/60 Hz, 120V: 480V: 0.70A  
270W: Constant Current, Class 1, Class P, 480V, 50/60 Hz, 120V: 480V: 0.59A  
220W: Constant Current, Class 1, Class P, 480V, 50/60 Hz, 120V: 480V: 0.49A

#### Dimming Driver:

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

#### Surge Protection:

L-L: 6kV; L/N-G: 10kV  
10kV Surge suppressor in addition to surge built into the driver.

#### Photocell:

Integrated photocell included with on/off switch

### Construction

#### IES Classification:

The Type IV distribution (also known as a Forward Throw) is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

#### Cold Weather Starting:

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

#### Maximum Ambient Temperature:

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

#### Lens:

Clear polycarbonate lens

#### Housing:

Die-cast aluminum housing, lens frame and mounting arm

#### Effective Projected Area:

EPA = 0.6

#### Tilt Increment:

The fixture can be rotated from 0-125° in 5° increments

## Technical Specifications (continued)

### Vibration Rating:

2G

### Finish:

Formulated for high durability and long-lasting color

### Green Technology:

Includes recycled plastic and RoHS-compliant components.

## LED Characteristics

### LEDs:

Long-life, high-efficiency, 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.

## Installation

### Mounting:

Slipfitter for 2 3/8" OD pipe

## Optical

### BUG Rating:

340W: B4 U0 G5

270W: B4 U0 G4

220W: B4 U0 G4

## Sensor Settings

### Operating Voltage:

DC Input: 10.5-15V

Current > 50mA

### Operating Temperature:

Ta: -31° F (-35° C)\* ~ +122° F (+50° C)

### Sensor Warranty:

5-year sensor warranty

### Sensitivity:

100%

### Standby Period:

0s/10s/30s/1min/5min/10min/30min/60min/+∞

### Daylight:

2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

### Hold Time:

20 minutes

### Standby Dimming:

10%/20%/30%/50%

### Detection Angle:

30° to 150° without glass cover

### Detection Distance:

Radius 9.84-22.96ft(3-7m)

### Mounting Height:

Max 49ft.(15m)

### Remote Control Accessory:

Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

## Other

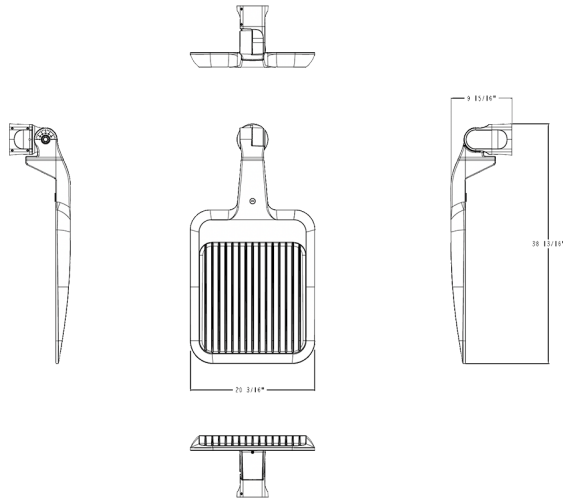
### 5 Yr Limited Warranty:

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).

### 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

- 100,000-hour LED Life
- 0-10V dimming standard
- IP65 rating protects against dust and water
- 5-Year, limited warranty

## Ordering Matrix

| Family | Distribution                                 | Size/Wattage   | Mounting   | Color Temp                             | Finish                      | Driver  | Options   |
|--------|--|--|--|--|-----------------------------|---|---|
| A34    | T4   | XL   | SF   |  | W                           | /480  | /MVS  |
|        | T4 = Type IV<br>T5 = Type V<br>T3 = Type III | S = Small 100/80/50W<br>M = Medium<br>150/125/100W<br>L = Large 250/200/150W<br>XL = Extra Large<br>340/270/220W | Blank = Universal Pole Mount<br>SF = Slipfitter Mount<br>WM = Wall Mount | Blank = 3000/4000/5000K CCT Adjustable | Blank = Bronze<br>W = White | Blank = 120-277V, 0-10V Dimming<br>/480 = 480V, 0-10V Dimming | Blank = No Option<br>/PIR = Passive Infrared Occupancy Sensor<br>/MVS = Microwave Motion Sensor<br>/LCBS = Lightcloud Blue w/PIR Sensor<br>/LCBS/MVS = Lightcloud Blue w/MVS Sensor |

<sup>1</sup> 480V available on M, L, and XL models only.