



Color: White

Weight: 0.0 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

| Type        | Constant Current  |
|-------------|-------------------|
| 120V        | 1.26A/1.00A/0.83A |
| 208V        | 0.80A/0.60A/0.60A |
| 240V        | 0.70A/0.53A/0.50A |
| 277V        | 0.59A/0.46A/0.39A |
| Input Watts | 94.8-151.1W       |

LED Info

|                |                  |
|----------------|------------------|
| Watts          | 150/125/100W     |
| Color Temp     | 3000/4000/5000K  |
| Color Accuracy | 82-84 CRI        |
| L70 Lifespan   | 100,000 Hours    |
| Lumens         | 15,927-24,630 lm |
| Efficacy       | 142.7-179.9 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-L5W7KR

Performance

Lifespan:

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

Wattage Equivalency:

150W: Replaces up to 750W Metal Halide (MH) or 400W High Pressure Sodium (HPS)  
125W: Replaces up to 400W Metal Halide (MH) or 400W High Pressure Sodium (HPS)  
100W: Replaces up to 400W Metal Halide (MH) or 310W High Pressure Sodium (HPS)

Electrical

Driver:

150W: Constant Current, Class 1, Class P, 120-277V, 50/60 Hz, 120V: 1.26A, 208V: 0.80A, 240V: 0.70A, 277V: 0.59A  
125W: Constant Current, Class 1, Class P, 120-277V, 50/60 Hz, 120V: 1.00A, 208V: 0.60A, 240V: 0.53A, 277V: 0.46A  
100W: Constant Current, Class 1, Class P, 120-277V, 50/60 Hz, 120V: 0.83A, 208V: 0.60A, 240V: 0.50A, 277V: 0.39A

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: 6kV

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 = 0.3

Vibration Rating:

3G

Technical Specifications (continued)

**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:**  
Wall mount

Optical

**BUG Rating:**  
150W: B3 U0 G3  
125W: B3 U0 G3  
100W: B3 U0 G2

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)

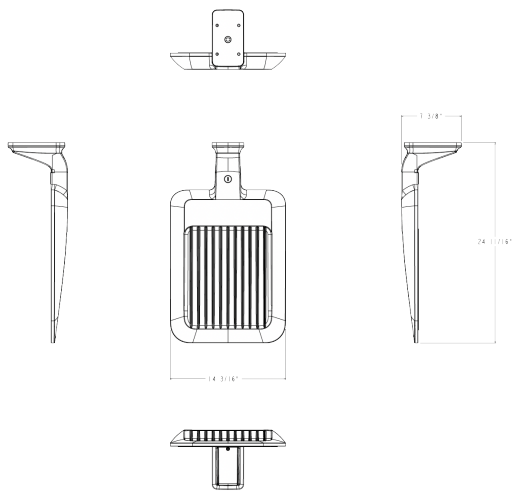
**Remote Control Accessory:**  
Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

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                                           | M                                                                                                          | WM                                                                       |                                        | W                           |                                                               | /MVS                                                                                                                                                                                |
|        | T4 = Type IV<br>T5 = Type V<br>T3 = Type III | S = Small 100/80/50W<br>M = Medium 150/125/100W<br>L = Large 250/200/150W<br>XL = Extra Large 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.