



Color: Bronze

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 | 94.7-151,1W       |

LED Info

|                |                  |
|----------------|------------------|
| Watts          | 150/125/100W     |
| Color Temp     | 3000/4000/5000K  |
| Color Accuracy | 82-84 CRI        |
| L70 Lifespan   | 100,000 Hours    |
| Lumens         | 16,250-25,144 lm |
| Efficacy       | 152.5-183.5 lm/W |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:  
150W/125W/100W (factory default 125W)  
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-KH5K5H

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 V distribution produces light in a wide and uniform 360° pattern that is perfect for large outdoor areas such as parking lots, corporate parks and retail settings

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

Finish:

Formulated for high durability and long-lasting color

## Technical Specifications (continued)

### 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:

Universal mounting arm compatible for hole spacing patterns from 1" to 5 1/2" center to center. Round Pole Adaptor plate included as a standard. Easy slide and lock to mount fixture with ease. Round pole diameter must be >4" to mount fixtures at 90° orientation.

### Optical

#### BUG Rating:

150W: B5 U0 G3

125W: B4 U0 G2

100W: B4 U0 G2

### Sensor Settings

#### Operating Voltage:

DC10.5-15V >30mA

#### 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:

<120° Fresnel Lens

### Detection Distance:

Radius 9.84-19.68ft(3-6m)

### Mounting Height:

Max 39.37ft.(12m)

### Remote Control Accessory:

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

### Other

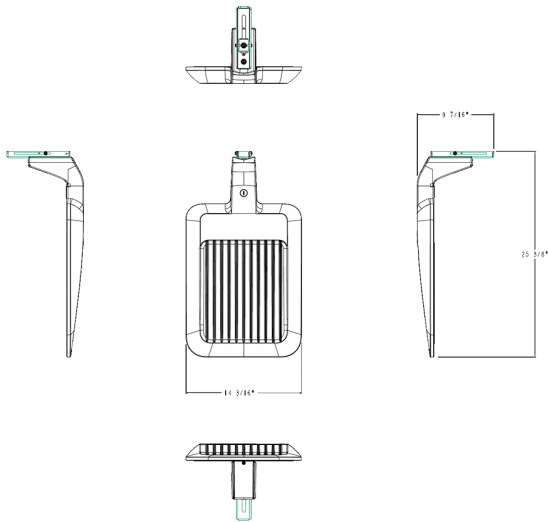
#### 5 Yr Limited Warranty:

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    | T5   | M  |  |  |                             |   | /PIR  |
|        | 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.