



Color: White

Weight: 0.0 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current	Watts	150/125/100W
120V	1.26A/1.00A/0.83A	Color Temp	3000/4000/5000K
208V	0.80A/0.60A/0.60A	Color Accuracy	82-84 CRI
240V	0.70A/0.53A/0.50A	L70 Lifespan	100,000 Hours
277V	0.59A/0.46A/0.39A	Lumens	16,250-25,144 lm
Input Watts	94.7-151,1W	Efficacy	152.5-183.5 lm/W

LED Info

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 = 0.4

Tilt Increment:

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

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:**  
Slipfitter for 2 3/8"OD pipe

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)

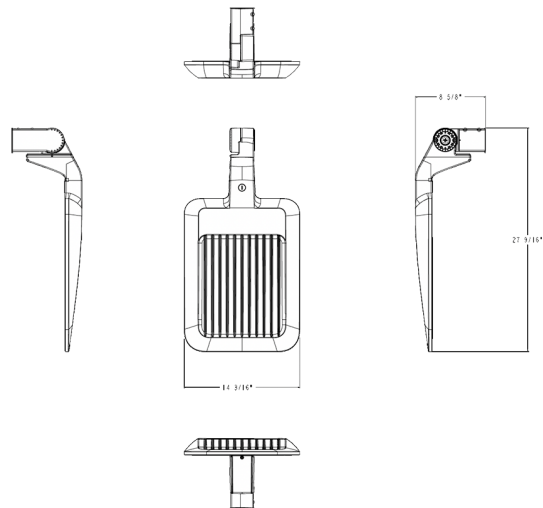
**Remote Control Accessory:**  
Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

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

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