



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	150/125/100W
120V	N/A	Color Temp	3000/4000/5000K
208V	N/A	Color Accuracy	82-84 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	16,164-25,150 lm
Input Watts	96-142.2W	Efficacy	156.1-179.5 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-GP62JN

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, 480V, 50/60 Hz, 120V: 480V: 0.31A  
125W: Constant Current, Class 1, Class P, 480V, 50/60 Hz, 120V: 480V: 0.27A  
100W: Constant Current, Class 1, Class P, 480V, 50/60 Hz, 120V: 480V: 0.22A

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

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:

Wall mount

Optical

BUG Rating:

150W: B4 U0 G2

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

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