

Color: White

Weight: 15.8 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	250.6W

LED Info

Watts	250W
Color Temp	3000/4000/5000K
Color Accuracy	80-84 CRI
L70 Lifespan	100,000 Hours
Lumens	34,413 lm
Efficacy	137.3

Technical Specifications**Field Adjustability****Field Adjustable:**

Field Adjustable Light Output:
320W/280W/250W (factory default: 320W)
Color Temperature Selectable:
3000K, 4000K and 5000K (factory default: 4000K)

Compliance**UL Listed:**

Suitable for wet locations. Suitable for mounting within 4 ft (1.2m) of the ground.

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 IP66 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-39HGKN

Performance**Lifespan:**

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

Wattage Equivalency:

320W: Replaces up to 1,000W Metal Halide (MH) or 750W High Pressure Sodium (HPS)
280W: Replaces up to 1,000W Metal Halide (MH) or 600W High Pressure Sodium (HPS)
250W: Replaces up to 750W Metal Halide (MH) or 600W High Pressure Sodium (HPS)

Electrical**Driver:**

Constant Current, Class 1, 480V, 50/60 Hz:
320W: 480V: 0.67A
280W: 480V: 0.58A
250W: 480V: 0.52A

Dimming Driver:

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

THD:

13.02% at 480V

Power Factor:

93.7% at 120V, 0% at 277V

7-Pin Receptacle with Shorting Cap:

ANSI C136.41 7-pin receptacle, compatible with wireless control systems

Surge Protection:

6 kV

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°F (-40°C)

Maximum Ambient Temperature:

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

Lens:

Polycarbonate lens

Housing:

Die-cast aluminum

Technical Specifications (continued)**Effective Projected Area:**

1 Fixture: 0.4
 2 Fixtures: 0.8
 3 Fixtures: 1.6
 4 Fixtures: 1.6

Finish:

Formulated for high durability and long-lasting color

Gaskets:

High-temperature silicone gaskets

Green Technology:

Mercury and UV free. RoHS-compliant components.

LED Characteristics**LEDs:**

Long-life, high-efficacy, 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:**

Adjustable universal pole mount (standard). Slipfitter and wall mount accessory available.

Optical**BUG Rating:**

Type 4
 320W: B4 U0 G4
 280W: B4 U0 G4
 250W: B4 U0 G4

Other**5-Year 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.

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Lightcloud**Lightcloud Blue:**

Lightcloud Blue is a Bluetooth Mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patented Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach.

DLC system - N1XMLOEATBA (Interior);
 NHCZ2BIA17L (Exterior)

Learn more at www.lightcloud.com.

Gateway Required:

No

Communication Protocol:

Bluetooth Mesh

Range:

Indoor: Up to 60 feet between standard building materials. Building materials such as brick, concrete, and steel construction may require additional Lightcloud Blue devices to extend around an obstruction; Up to 200 feet clear line of sight.

Outdoor: Up to 60 feet clear line of sight; Up to 18 feet around corners

Spacing Criteria:

Lightcloud Blue devices should be placed within the specified range to communicate within the Bluetooth Mesh network.

Sensor Settings**Max Mounting Height:**

40 ft

Detection Range:

40 ft diameter mounted at 40 ft

Sensor Technology:

Passive Infrared (PIR)

Default Setting:

Uncommissioned State:
 Motion Sensitivity: High
 Brightness when triggered: 100%
 Hold time: 20 minutes
 Standby to dim: 20%
 Standby time: 1 minute
 When vacant: Off

Commissioned State:

Once paired, the sensor will default to disabled.
 Once enabled the following settings apply:
 Motion Sensitivity: High
 Brightness when triggered: Last on status
 Hold time: 20 minutes
 Standby time: 1 minute
 When vacant: Off

Adjustable Sensor Settings?:

Yes, using the Lightcloud Blue mobile app

Sensing Type:

Occupancy or Vacancy (option to disable or set as an independent sensor)

Occupied Actions:

On or On at a Dim Level

Vacant Actions:

Off or On at a Dim Level

Occupancy Timeout:

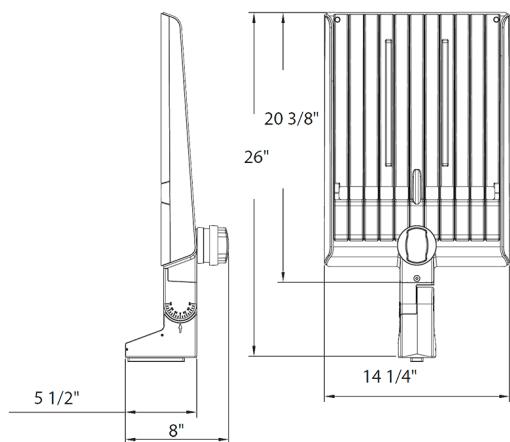
1 minute to 240 minutes

Daylight Sensing:

The sensor will determine to trigger the light(s) on or off based on the daylight threshold level set in the Lightcloud Blue mobile app.

Daylight Threshold:

150 lux to 1500 lux

Dimensions**Features**

- DLC Premium listed
- Adjustable Universal Pole Mount
- 7-Pin Receptacle with Shorting Cap
- IP66 Rated
- 100,000-Hour LED lifespan
- 5-Year, limited warranty

Ordering Matrix

Family	Optics	Wattage	Mounting	Color Temp	Finish	Driver	Options
A22	-	4T	320		W	/480	/LCBS
2T = Type II	70 = 70/60/50W		Blank = Universal	Blank = 3000/4000/5000K	Blank =	Blank = 120-277V, 0-10V Dimming	Blank = 7-Pin Receptacle with Shorting Cap
4T = Type IV	100 = 100/80/60W		Adjustable Pole Mount	CCT Adjustable	Bronze	/480 = 480V, 0-10V Dimming	/MVS = 7-Pin Receptacle with Shorting Cap and Microwave Motion Sensor
5T = Type V	150 = 150/120/100W		Blank = Universal Non-Adjustable Pole Mount	Y = 3000K	W = White		/LCBS = Lightcloud Blue w/PIR Sensor
Blank = Type III	200 = 200/180/160W				B = Black		/LCBS/MVS = Lightcloud Blue w/MVS Sensor
	320 = 320/280/250W						