



Color: Black

Weight: 13.2 lbs

Project:

Type:

Prepared By:

Date:

**Driver Info**

Type	Constant Current	Watts	300W
120V	2.40A/1.91A/1.59A	Color Temp	3000/4000/5000K
208V	1.37A/1.10A/0.92A	Color Accuracy	82-84 CRI
240V	1.24A/0.99A/0.83A	L70 Lifespan	100,000 Hours
277V	1.05A/0.89A/0.74A	Lumens	30,567-46,356 lm
Input Watts	200.3-298.3W	Efficacy	147.6-163.3 lm/W

**LED Info****Technical Specifications****Field Adjustability****Field Adjustable:**

Field Adjustable Light Output:  
300W/240W/200W (factory default 300W)  
Color temperature (selectable by 3000K, 4000K and 5000K)

**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-KGB12M (Architectural Flood and Spot Luminaires)

DLC Product Code: S-KK7JDZ (Outdoor Pole/Arm-Mounted Area and Roadway Luminaires)

**Electrical****Driver:**

300W: Constant Current, Class 1, 120-277V, 50/60 Hz,  
120V: 2.40A, 208V: 1.37A, 240V: 1.24A, 277V: 1.05A  
240W: Constant Current, Class 1, 120-277V, 50/60 Hz,  
120V: 1.91A, 208V: 1.10A, 240V: 0.99A, 277V: 0.89A  
200W: Constant Current, Class 1, 120-277V, 50/60 Hz,  
120V: 1.59A, 208V: 0.92A, 240V: 0.83A, 277V: 0.74A

**Dimming Driver:**

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

**THD:**

7.88% at 120V, 8.93% at 277V

**Power Factor:**

99.5% at 120V, 95.1% at 277V

**Surge Protection:**

10 kV

**7-Pin Receptacle:**

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

**Performance****Lifespan:**

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

**Construction****IES Classification:**

The Type III distribution is ideal for roadway, general parking and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

**Cold Weather Starting:**

The minimum starting temperature is -40°F (-40°C)

**Ambient Temperature :**

Max Power Temp Rating: 104°F (40°C)  
Middle Power Temp Rating: 51°C (123°F)  
Low Power Temp Rating: 56°C (132°F)

**Lens:**

Polycarbonate lens

**Housing:**

Die-cast aluminum housing, lens frame and mounting arm

**Technical Specifications (continued)****Vibration Rating:**

3G vibration rating per ANSI C136.31

**EPA:**

1 Fixture: 0.46  
 2 Fixtures at 90°: 0.60  
 2 Fixtures at 180°: 0.93  
 3 Fixtures at 90°: 0.93  
 4 Fixtures at 90°: 0.93

**EPA with Slipfitter & Adjustable Arm Mounting****Accessories (Sold Separately)**

1 Fixture: 0.66  
 2 Fixtures at 90°: 0.80  
 2 Fixtures at 180°: 1.32  
 3 Fixtures at 90°: 1.32  
 4 Fixtures at 90°: 1.32

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. 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.

**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](http://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](http://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****Sensor Connection Type:**

Pogo pin

**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 pair, 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 to dim: 20%  
 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:**

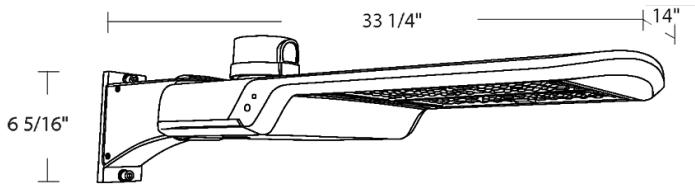
1 minute to 240 minutes

**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**

Color Adjustable: 5000K/4000K/3000K

3-Pin Twistlock Photocell and shorting cap included

Integrated NEMA 7-pin receptacle enables easy upgrade to smart controls

0-10V Dimming, standard

100,000-hour LED lifespan

5-Year, limited warranty

**Ordering Matrix**

Family	Wattage	Color Temp	Driver	Finish	Options
A17 XFU	300			B	/LCBS
150 = 150/120/100W	Blank = 3000/4000/5000K CCT Adjustable		Blank = 120-277V, 0-10V Dimming	Blank = Bronze B = Black W = White	Blank = No Option /LC = Lightcloud /LCBS = Lightcloud Blue w/PIR Sensor /LCBS/MVS = Lightcloud Blue w/MVS Sensor
300 = 300/240/200W					

*Type II distribution available as special order.  
Wall mount and roadway arm mount available as optional accessories.*