



Color: Black

Weight: 13.2 lbs

Project:

Type:

Prepared By:

Date:

### Driver Info

Type	Constant Current
120V	1.21A/0.97A/0.81A
208V	0.70A/0.56A/0.47A
240V	0.63A/0.51A/0.42A
277V	0.53A/0.45A/0.38A
Input Watts	97-151.7W

### LED Info

Watts	150W
Color Temp	3000K/4000K/5000K
Color Accuracy	81-84 CRI
L70 Lifespan	100,000 Hours
Lumens	15,177-23,339 lm
Efficacy	145.6-165.7 lm/W

## Technical Specifications

### Lightcloud

#### Lightcloud Controller Installed:

Integrated/embedded networked lighting control, luminaire-level lighting control. Fixture, Zone, and plug-load control from one powerful device. LLLC - capable of switching, 0-10V dimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud mesh network communication protocols. Offers the capability to set the maximum light output to a less-than-maximum state of an individual luminaire at the time of installation or commissioning. The High-End trim functionality is field reconfigurable via the Lightcloud mesh network communication protocols. The Lightcloud controller can be attached to the fixture, junction box, or electrical panel.

DLC system - NHCZ2BIA17L

[Learn more about Lightcloud.](#)

### Field Adjustability

#### Field Adjustable:

Field Adjustable Light Output:

150W/100W/70W (factory default 150W)

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-2RB18Z (Architectural Flood and Spot Luminaires)

DLC Product Code: S-YBC5BD (Outdoor Pole/Arm-Mounted Area and Roadway Luminaires)

### Electrical

#### Driver:

150W: Constant Current, Class 1, 120-277V, 50/60 Hz,

120V: 1.21A, 208V: 0.70A, 240V: 0.63A, 277V: 0.53A

120W: Constant Current, Class 1, 120-277V, 50/60 Hz,

120V: 0.97A, 208V: 0.56A, 240V: 0.51A, 277V: 0.45A

100W: Constant Current, Class 1, 120-277V, 50/60 Hz,

120V: 0.81A, 208V: 0.47A, 240V: 0.42A, 277V: 0.38A

### Dimming Driver:

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

### THD:

3.01% at 120V, 5.56% at 277V

### Power Factor:

99.9% at 120V, 96.2% at 277V

### Surge Protection:

10kV

### 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.

**Technical Specifications (continued)****Cold Weather Starting:**

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

**Ambient Temperature :**

Max Power Temp Rating: 40°C (104°F)

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

**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

**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.

**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.

**Optical****BUG Rating:**

B3 U0 G3

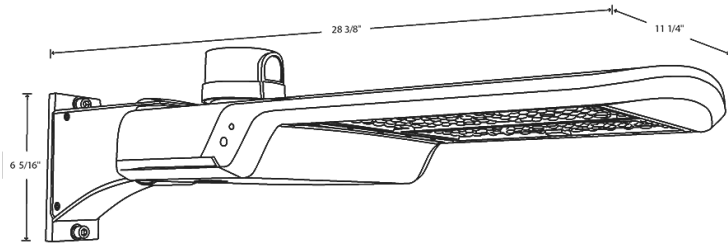
**Other****5 Yr Limited Warranty:**

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

- Color Adjustable: 5000K/4000K/3000K
- 3-pin twistlock 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	Voltage	Finish	Options
A17 XFU	150			B	/LC
	150 = 150/120/100W 300 = 300/240/200W	Blank = 3000K/4000K/5000K CCT Adjustable	Blank = 120-277V, 0-10V Dimming	Blank = Bronze B = Black W = White	Blank = No Option /LC = Lightcloud Controller /LCBS = Lightcloud Blue Enabled w/PIR Sensor /LCBS/MVS = Lightcloud Blue Enabled w/MVS Sensor

*A17 XFU comes standard with:  
Adjustable Universal Pole Mount  
7-Pin Receptacle  
Twistlock Photocell  
Shorting Cap*