

Project:	Type:
Prepared By:	Date:

Driver Info		LED 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

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 family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

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 IESIm-80 results and TM-21 calculations

Optical

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.

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.

Construction

Cold Weather Starting:

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

Technical Specifications (continued)

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

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.

Installation

Mounting:

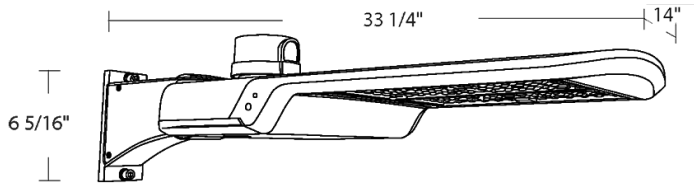
Universal mounting arm compatible for hole spacing patterns from 1" to 5 1/2" center to center. Round Pole adapter plate included as a standard. Easy slide and lock to mount fixture with ease. Round pole diameter must be >4" to mount fixtures at 90° orientation.

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.

Dimensions



Features

- Color Adjustable: 3000/4000/5000K
- 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			W	
	150 = 150/120/100W 300 = 300/240/200W	Blank = 3000/4000/5000K CCT Adjustable	Blank = 120-277V, 0-10V Dimming	Blank = Bronze B = Black W = White RG = Roadway Gray	Blank = No Option /LC = Lightcloud /LCBS = Lightcloud Blue w/PIR Sensor /LCBS/MVS = Lightcloud Blue w/MVS Sensor

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