A17XFU300B



Color: Black

Weight: 13.2 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	2.40A/1.91A/1.59A
208V	1.37A/1.10A/0.92A
240V	1.24A/0.99A/0.83A
277V	1.05A/0.89A/0.74A
Input Watts	200.3-298.3W

LED Info

Watts	300W
Color Temp	3000K/4000K/5000K
Color Accuracy	82-84 CRI
L70 Lifespan	100,000 Hours
Lumens	30,567-46,356 lm
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 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:
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.

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

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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

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.

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.

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.

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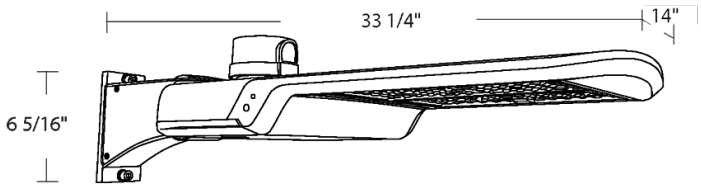
Dimensions



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	300			B	
	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

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

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