A17-4T200/480/MVS

RAB

Project:	Type:
Prepared By:	Date:

Color: Bronze   Weight: 11.5 lbs

Driver Info

Type	Constant	Watts	200/180/160W
120V	/480	Color Temp	3000K/4000K/5000K
208V	N/A	Color Accuracy	81-83 CRI
240V	N/A		
277V	N/A	L70 Lifespan	100,000 Hours
Input Watts	156-199.5W	Lumens	24,225-30,854 lm
		Efficacy	143.5-163.6 lm/W

LED Info

Technical Specifications

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-P28JTP (Architectural Flood and Spot Luminaires)
DLC Product Code: S-5F5DF2 (Outdoor Pole/Arm-Mounted Area and Roadway Luminaires)

Electrical

Driver:
200W: Constant Current, Class 1, 480V, 50/60 Hz, 480V: 0.41A
180W: Constant Current, Class 1, 480V, 50/60 Hz, 480V: 0.39A
160W: Constant Current, Class 1, 480V, 50/60 Hz, 480V: 0.34A

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

THD:
150.3% at 480V

Power Factor:
95.6% at 480V

Surge Protection:
6kV

Performance

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

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°C (-40°F)

Maximum Ambient Temperature:
Suitable for use in up to 40°C (104°F)

Lens:
Polycarbonate lens

Housing:
Die-cast aluminum housing, lens frame and mounting arm

Vibration Rating:
3G vibration rating per ANSI C136.31

Effective Projected Area (Without Shield):
1 Fixture: 0.72 ft²
2 Fixtures at 90°: 1.04 ft²
2 Fixtures at 180°: 1.43 ft²
3 Fixtures at 90°: 1.76 ft²
4 Fixtures at 90°: 1.76 ft²

Effective Projected Area (With Shield):
1 Fixture: 0.75 ft²
2 Fixtures at 90°: 1.39 ft²
2 Fixtures at 180°: 1.5 ft²
3 Fixtures at 90°: 2.15 ft²
4 Fixtures at 90°: 2.15 ft²

Technical Specifications (continued)

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.

Optical
BUG Rating:
B4 U0 G4

Sensor Specifications
Capacitance Load:
400VA at 120VAC, 800VA at 230VAC, 1000VA at 277VAC

Operating Temperature:
-20°C to +60°C (-4°F to +140°F)

Relay:
Zero-cross relay

Maximum Mounting Height:
49.2 ft (15M)

Customizable Detection Area:
10, 50, 75 or 100%

Time Delay:
5s, 30s, 1min, 5min, 10min, 20min, 30min

Cut Off Period:
0s, 10s, 1min, 5min, 10min, 30min, 1hr, Bi-Level

Cut-Off Dimming level:
10, 20, 30, 50%

Cut-Off Power:
Less than 1W

Daylight Threshold:
About .2-5 fc for disabled

Sensor Principle:
High Frequency

Microwave Frequency:
5.8GHz +/- 75MHz

Microwave Power:
<0.2mW

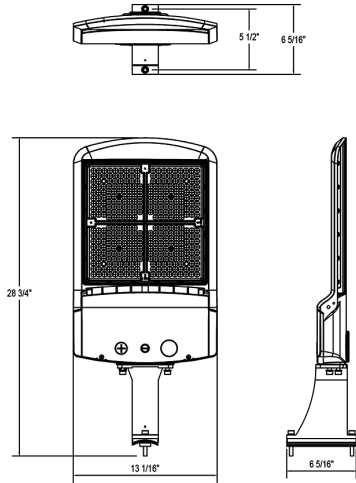### Max Detection Range:
26 ft diameter at 16 ft mounting height

Detection Angle:
About 30 to 150 degrees

Remote Control Accessory:
Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. Remote control available here.

RAB®

Dimensions

Features

0-10V Dimming, standard

100,000-hour LED lifespan

5-Year, limited warranty

Ordering Matrix

Family		Distribution	Wattage/Lumens	Mounting	Color Temp	Finish	Voltage	Options
A17	–	4T	200				/480	/MVS
		4T = Type IV **5T =** Type V **3T =** Type III	**70 =** 70/60/50W **100 =** 100/80/60W **150 =** 150/120/100W **200 =** 200/180/160W **300 =** 300/240/200W **375 =** 375/300/240W **480 =** 480/400/320W	**SF =** Slipfitter (Factory installed SF available in 150W) **Blank =** Universal Pole Mount	**Blank =** 3000K/4000K/5000K CCT Adjustable	**Blank =** Bronze	**Blank =** 120-277V, 0-10V Dimming **/480 =** 480V, 0-10V Dimming	**Blank =** No Option **/3PRS =** 3-pin Receptacle and Shorting Cap **/7PRS =** 7-pin Receptacle and Shorting Cap **/MVS =** Microwave Motion Sensor **/LCBS =** Lightcloud Blue Enabled w/PIR Sensor **/LCBS/MVS =** Lightcloud Blue Enabled w/MVS Sensor

¹ *480V driver available standard on 150W and 300W and by special order on 100, 240 and 375W. Not available on 70W or 200W models.*

Type II distribution available as special order

Wall mount and adjustable universal pole mount available as optional field-installed accessories

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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