A17-3T200/480/MVS

RAB®

Project:	Type:
Prepared By:	Date:

Color: Bronze   Weight: 11.5 lbs

Driver Info

Type	Constant
120V	/480
208V	N/A
240V	N/A
277V	N/A
Input Watts	150.4-196.3W

LED Info

Watts	200/180/160W
Color Temp	3000K/4000K/5000K
Color Accuracy	81-83 CRI
L70 Lifespan	100,000 Hours
Lumens	24,398-30,890 lm
Efficacy	149.2-169.8 lm/W

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-0PGK77 (Outdoor Pole/Arm-Mounted Area and Roadway Luminaires)
DLC Product Code: S-RRKKBL (A17-3T200[blank
DLC Product Code: SF
DLC Product Code: ADJ]/480 [blank
DLC Product Code: /3PRS
DLC Product Code: /7PRS][blank
DLC Product Code: /MVS
DLC Product Code: /PIR] (01))

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:
9.55% at 480V

Power Factor:
94.7% 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 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)

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

Technical Specifications (continued)

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

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:
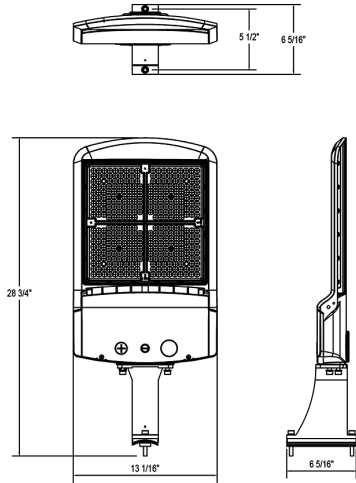26 ft diameter at 16 ft mounting height

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.

Dimensions

5 1/2" 6 5/16"

28 3/4"

13 1/16"

6 5/16"

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	–	3T	200				/480	/MVS

Family	Distribution	Wattage/Lumens	Mounting	Color Temp	Finish	Voltage	Options
	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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