A17-5T150/3PRS



Color: Bronze

Weight: 8.8 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	99.2-150.7W

LED Info

Watts	150/120/100W
Color Temp	3000/4000/5000K
Color Accuracy	81-84 CRI
L70 Lifespan	100,000 Hours
Lumens	15966-23,343 lm
Efficacy	145.8-167.6 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 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:
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:
99.88% at 120V, 96.1% at 277V

Surge Protection:
6 kV

3-Pin Receptacle with Shorting Cap:
ANSI C136.41 3-pin receptacle, compatible with wireless control systems

Performance

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

Optical

IES Classification:
The Type V distribution produces light in a wide and uniform 360° pattern that is perfect for large outdoor areas such as parking lots, corporate parks and retail settings

BUG Rating:
B4 U0 G3

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)

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Technical Specifications (continued)

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

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 (EPA) (Without Shield):
1 Fixture: 0.60 ft^2
2 Fixtures at 90°: 0.86 ft^2
2 Fixtures at 180°: 1.21 ft^2
3 Fixtures at 90°: 1.47 ft^2
4 Fixtures at 90°: 1.47 ft^2

Effective Projected Area (EPA) (With Shield):
1 Fixture: 0.64 ft^2
2 Fixtures at 90°: 1.14 ft^2
2 Fixtures at 180°: 1.28 ft^2
3 Fixtures at 90°: 1.8 ft^2
4 Fixtures at 90°: 1.8 ft^2

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.

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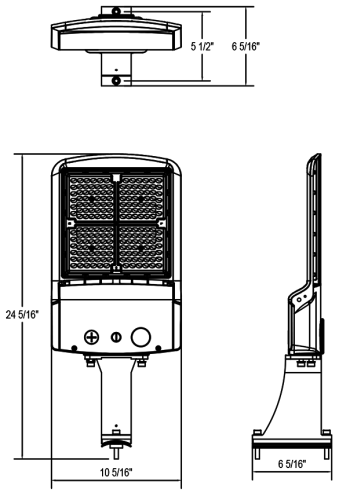
Dimensions



Features

- 0-10V Dimming, standard
- 100,000-hour LED lifespan
- 5-Year, limited warranty

Ordering Matrix

Family		Distribution	Wattage/Lumens	Mounting	Color Temp	Finish	Driver	Options
A17	–	5T	150					/3PRS
		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) [1] **Blank =** Universal Pole Mount	**Blank =** 3000/4000/5000K 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 w/PIR Sensor **/LCBS/MVS =** Lightcloud Blue w/MVS Sensor

[1] *1Slipfitter Mount available on 150W only*

Type II distribution available as special order.

Wall mount and roadway arm mount available as optional accessories.

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