A17-3T150/7PRS



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	97-151.7W

LED Info

Watts	150/120/100W
Color Temp	3000K/4000K/5000K
Color Accuracy	81-84 CRI
L70 Lifespan	100,000 Hours
Lumens	15,177-23,339 lm
Efficacy	145.6-165.7 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-G40T53 (Outdoor Pole/Arm-Mounted Area and Roadway Luminaires)S-DXL61C (Architectural Flood and Spot Luminaires)

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:
99.9% at 120V, 96.2% at 277V

Surge Protection:
6kV

7-Pin Receptacle with Shorting Cap:
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)

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

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Technical Specifications (continued)

Effective Projected Area (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 (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

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.

Optical

BUG Rating:
B4 U0 G4

Other

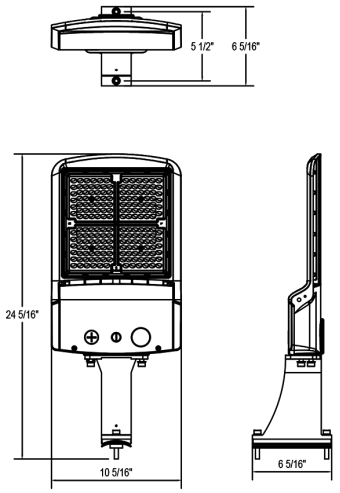
5 Yr Limited Warranty:
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

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

- 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	150					/7PRS
		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 =** 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] *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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