A17-3T300

RAB®

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

Color: Bronze   Weight: 18.3 lbs

Driver Info

Type	Constant Current
120V	3.00A
208V	1.60A
240V	1.40A
277V	1.20A
Input Watts	299.44W

LED Info

Watts	300W
Color Temp	5000K (Cool)
Color Accuracy	70 CRI
L70 Lifespan	100,000 Hours
Lumens	44,324
Efficacy	148 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.

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: PLDJWUA1LH37

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 3.00A, 208V: 1.60A, 240V: 1.40A, 277V: 1.20A

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, 8.16% at 277V

Power Factor:

99.9% at 120V, 93.5% at 277V

Surge Protection:

10kV

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:

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

Technical Specifications (continued)

Construction

IP Rating:

Ingress protection rating of IP65 for dust and water

Vibration Rating:

3G vibration rating per ANSI C136.31

EPA:

1 Fixture: 0.60
2 Fixtures at 90°: 0.77
2 Fixtures at 180°: 1.19
3 Fixtures at 90°: 1.19
4 Fixtures at 90°: 1.19

EPA with Slipfitter & Adjustable Arm Mounting Accessories (Sold Separately)
1 Fixture: 0.79
2 Fixtures at 90°: 0.97
2 Fixtures at 180°: 1.59
3 Fixtures at 90°: 1.59
4 Fixtures at 90°: 1.59

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.
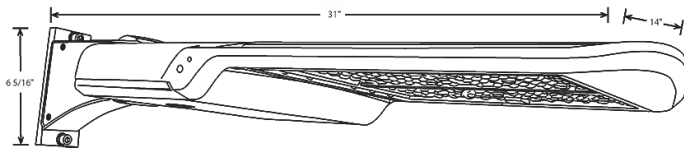
Other

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.

Dimensions

Features

0-10V Dimming, standard

100,000-hour LED lifespan

5-Year, Limited Warranty

RAB

Ordering Matrix

Family		Distribution	Wattage/Lumens	Mounting	Color Temp	Driver	Options
A17	–	3T	300				

	Distribution	Wattage/Lumens	Mounting	Color Temp	Driver	Options
	3T = Type III **4T =** Type IV **5T =** Type V	**70 =** 70W/10,000LM **100 =** 100W/15,000LM **150 =** 150W/22,500LM **200 =** 200W/30,000LM **240 =** 240W/36,000LM **300 =** 300W/45,000LM **375 =** 375W/51,800LM	**Blank =** Universal Pole Mount **SF =** Slipfitter (Factory installed SF available in 150W)	**Blank =** 5000K (Cool) **N =** 4000K (Neutral)	**Blank =** 120-277V, 0-10V Dimming **/480 =** 480V, 0-10V Dimming [1]	**Blank =** No Option **/3PRS =** 3-pin Receptacle and Shorting Cap **/7PRS =** 7-pin Receptacle and Shorting Cap **/MVS =** Microwave Motion Sensor **/LC =** Lightcloud® Controller

[1] *480V driver available standard on 150W and 300W. All other models are special order.*
Type II distribution available as special order
Wall mount and adjustable universal pole mount available as optional field-installed accessories