LOT3T160/D10/UPA/BL

RAB®

Specification grade area lights available in IES Type III distributions. For use for roadway, general parking and other area lighting applications where a larger pool of lighting is required. Best-in-class 5-G vibration rating. 5-year, limited warranty.

Color: Bronze   Weight: 20.9 lbs

Driver Info

Type	Constant Current
120V	1.35A
208V	0.78A
240V	0.67A
277V	0.59A
Input Watts	160.4W

LED Info

Watts	160W
Color Temp	5000K (Cool)
Color Accuracy	76 CRI
L70 Lifespan	100,000 Hours
Lumens	22,436
Efficacy	139.9 lm/W

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations

IESNA LM-79 & IESNA 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 on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: PNUY5HSP

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 1.35A, 208V: 0.78A, 240V: 0.67A, 277V: 0.59A

Dimming Driver:

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

THD:

8.3% at 120V, 13.67% at 277V

Power Factor:

99.5% at 120V, 93.2% at 277V

Surge Protection:

L-N 4kV; L-L, L-GND 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 meant to be located near the side of an area, projecting the light outward to fill the area. Ideal for roadways, general parking areas, lighting applications and where a large pool of light is required.

Effective Projected Area:

EPA = 0.8

Vibration Rating:

Industry-leading 5G vibration rating per ANSI C136.31

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Ambient Temperature:

Suitable for use in up to 40°C (104°F)

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Technical Specifications (continued)

Construction

Housing:

Precision die-cast aluminum housing

Mounting:

Mounts to RAB square poles. Mounts to all square and round poles if optional Universal Pole Adaptor is used.

Lens:

Clear acrylic lens with integrated optics

IP Rating:

Ingress protection rating of IP66 for dust and water

Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

LED Characteristics

LEDs:

Long-life, high-efficacy, 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

Compatibility:

Compatible with Round Poles with a diameter of 2.5" to 6"

5 Yr Limited Warranty:

Fixture operation and paint finish are covered for a period of 5-years. See our full warranty here.

Bi-Level:

Allows 25%, 50% or 75% output modes

Equivalency:

Equivalent to 575W Pulse Start Metal Halide
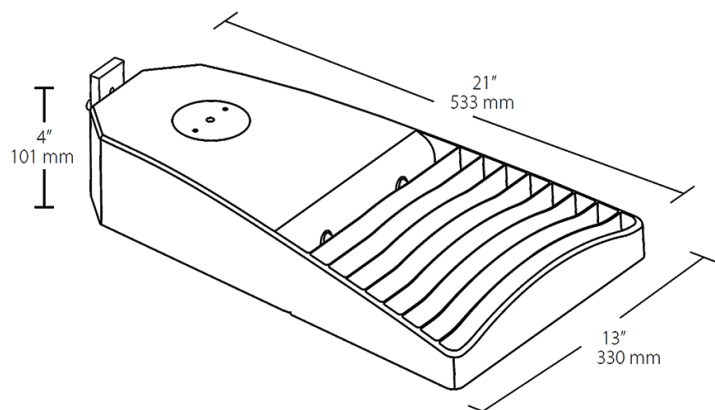
Buy American Act Compliance:

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

Full Cutoff:

Full-cutoff optics conform with dark sky requirements

Dimensions

21" 533 mm
4" 101 mm
13" 330 mm

Features

- Lightweight design and low EPA minimize pole load
- Best-in-class 5-G vibration rating
- 100,000-hour LED lifespan

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

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Ordering Matrix

Family	IES Type	Wattage	Color Temp	Finish	Driver Options	Mounting	Sensor Options	Accessories	Other Options
LOT	3T	160			/D10	/UPA	/BL		
	5T = Type V **4T =** Type IV **3T =** Type III **2T =** Type II	**65 =** 65W **110 =** 110W **160 =** 160W	**Blank =** 5000K Cool **N =** 4000K Neutral **Y =** 3000K Warm	**Blank =** Bronze **W =** White	**/D10 =** 120-277V, 0-10V Dimming (standard) **/480/D10 =** 480V, 0-10V Dimming	**Blank =** Mounts to RAB square poles **/UPA =** Universal Pole Adaptor	**Blank =** None **/PCT =** 120-277V Twistlock PC **/PCT4 =** 480V Twistlock PC **/WS2 =** Wattstopper Sensor + 20ft lens, 120-277V **/WS4 =** Wattstopper Sensor + 40ft lens, 120-277V **/5PR =** 5-Pin Receptacle, no PCT **/7PR =** 7-Pin Receptacle, no PCT **/BL =** Bi-Level Dimming, 120-277V	**Blank =** None **/HS =** 2 House-Side-Shields [1]	**Blank =** Standard **USA =** BAA Compliant

[1] *Available for Types II, III and IV only*