LOT3T65/D10

RAB | Outdoor

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current
120V	0.55A
208V	0.33A
240V	0.29A
277V	0.25A
Input Watts	65.6W

LED Info

Watts	65W
Color Temp	5000K (Cool)
Color Accuracy	72 CRI
L70 Lifespan	100,000
Lumens	7,264
Efficacy	110.7 LPW

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

Technical Specifications

Listings

UL Listing:

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.

Dark Sky Conformance:

Conforms to (allows for conformance to) the IDA's fully shielding requirement, emitting no light above 90 degrees (with the exclusion of incidental light reflecting from fixture housing, mounts, and pole).

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
DLC Product Code: PJZCXQ2E

Electrical

Dimming Driver:

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

Surge Protection:

L-N 4kV; L-L, L-GND 6kV

Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz, 120V: 0.55A, 208V: 0.33A, 240V: 0.29A, 277V: 0.25A

THD:

7.3% at 120, 10.7% at 277V

Power Factor:

99.5% at 120V, 95.2% at 277V

LED Characteristics

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

LEDs:

Long-life, high-efficacy surface mount LEDs

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5-year period

Color Uniformity:

RAB's range of CCT (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

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 40°C (104°F)

Housing:

Precision die-cast aluminum housing

Technical Specifications (continued)

Construction

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.

Other

5 Yr Limited Warranty:

Fixture operation and paint finish are covered for a period of 5-years. www.rablighting.com/legal#warranty

Equivalency :

Equivalent to 250W Pulse Start Metal Halide

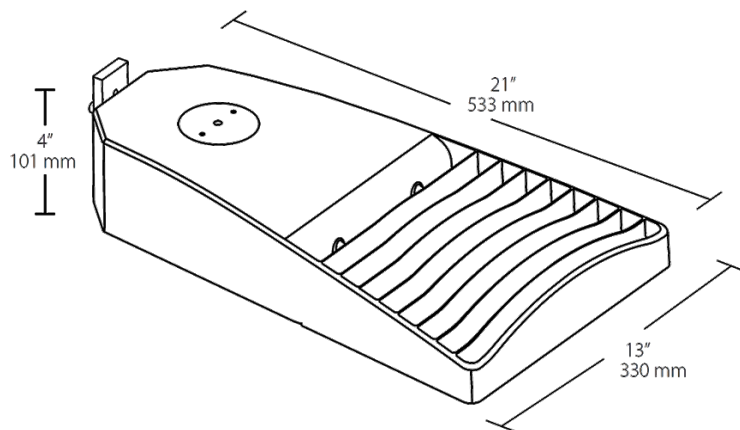**Buy American Act Compliance:**

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

Ordering Matrix

Family	IES Type	Wattage	Color Temp	Finish	Driver Options	Mounting	Sensor Options	Accessories	Other Options
LOT	3T	65			/D10				
	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	**Blank =** Standard **USA =** BAA Compliant