# TBLED3T150RG/D10/7PR/PCT





LED roadway lighting that replaces up to 400W HPS. Optics are factory installed and meet IES Distribution Type III.

Color: Gray

Weight: 39.2 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	150W
120V	1.2A	Color Temp	5000K (Cool)
208V	0.88A	Color Accuracy	70 CRI
240V	0.76A	L70 Lifespan	100,000 Hours
277V	0.66A	Lumens	18,858
Input Watts	152.8W	Efficacy	123.4 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 listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.

DLC Product Code: P96PK1SL

#### **Electrical**

#### Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 1.2A, 208V: 0.88A, 240V: 0.76A, 277V: 0.66A

#### THD:

7.8% at 120V, 14.1% at 277V

## **Power Factor:**

99.4% at 120V, 95.4% at 277V

## 7-Pin Receptacle:

ANSI C136.41 7-pin receptacle

## Photocell:

120-277V Twistlock photocell included. Photocell is compatible with 120-277V.

## **Surge Protection:**

10kV

## Optical

## **BUG Rating:**

B2 U0 G3

## 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 has greater streetside (transverse) throw, allowing the light to project outward and fill the area.

## IP Rating:

Ingress protection rating of IP66 for dust and water

## **Vibration Rating:**

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

## **Maximum Ambient Temperature:**

Suitable for use in up to  $40^{\circ}\text{C}$  ( $104^{\circ}\text{F}$ )



## **Technical Specifications (continued)**

## Construction

## **Cold Weather Starting:**

The minimum starting temperature is -40°C (-40°F)

## **Thermal Management:**

Superior thermal management design with external Air-Flow fins provides maximum operational life, even in high ambient temperature environments

#### Housing:

Die-cast aluminum housing, lens frame and mounting arm

## Mounting:

Fits most standard roadway upsweep arms. Adaptor brackets supplied fit 1", 1 1/4", 1 1/2" and 2" pipe arms. Fixture can be tilted at the following angles: -5°, -2.5°, 0°, 2.5°, and 5°.

## **Recommended Mounting Height:**

Up to 35 ft

#### **Effective Projected Area:**

EPA = 1.7

#### Reflector:

Vacuum-metalized polycarbonate

#### Gaskets:

High-temperature silicone gaskets

## Finish:

Formulated for high durability and long-lasting color

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

#### Lens

Clear tempered glass lens

## Performance

#### Lifespan:

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

# **LED Characteristics**

#### LEDs:

Multi-chip, high-output, long-life 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

#### Accessory:

Shorting Cap for 7-Pin Receptacle available here.

## 10 Yr Limited Warranty:

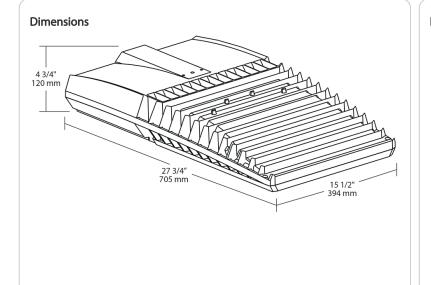
Fixture operation and paint finish are covered for a period of 10 years. See our full warranty here.

#### Replacement:

Replaces 400W HPS

## **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.



## **Features**

IP66 Rated

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

100,000-Hour LED lifespan

10-Year, Limited Warranty

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Ordering Matrix								
Famil	y Distribution	Wattage	Color Temp	Finish	Driver Options	Sensor Options		
TBLE	D 3T	150		RG	/D10	/7PR/PCT		
	4T = Type IV 3T = Type III 2T = Type II		<b>Blank</b> = 5000K Cool <b>N</b> = 4000K Neutral <b>Y</b> = 3000K Warm	<b>RG =</b> Gray	/D10 = 0-10V Dimming /480/D10 = 480V, 0-10V Dimming	/7PR = 7-Pin Receptacle /7PR/PCT = 7-Pin Receptacle w/ 120-277V Twistlock Photocell /PCT4 = 480V Twistlock photocell		