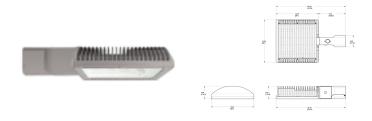
# RWLED2T125YRG/PCT

LED roadway lighting that's easy to buy. Free trial program and leasing options make it easy to get started with LED. Specification-grade optics deliver efficient, clean, uniform light distributions at a reasonable cost. Optics are factory installed and meet IES Lateral Distribution Type II. LROAD™ 125W replaces 350W metal halide roadway fixtures.

#### **LED Info Driver Info**

| Watts:          | 125W         | Type:        | Constant Current |
|-----------------|--------------|--------------|------------------|
| Color Temp:     | 3000K (Warm) | 120V:        | 1.12A            |
| Color Accuracy: | 82           | 208V:        | 0.70A            |
| L70 Lifespan:   | 100000       | 240V:        | 0.61A            |
| LM79 Lumens:    | 10505        | 277V:        | 0.52A            |
| Efficacy:       | 76 LPW       | Input Watts: | 138W             |
|                 |              | Efficiency:  | 91%              |

Weight: 33.5 lbs Color: Gray



# **Technical Specifications**

#### **UL Listina:**

Suitable for wet locations as a downlight.

#### **Lumen Maintenance:**

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

#### IES Classification:

The Type II distribution is ideal for entrance roadways, collector roads and other long, single-sided and narrow lighting applications. This type of lighting is commonly found on smaller local streets.

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

EPA = 0.75

# IP Rating:

Ingress Protection rating of IP66 for dust and water.

### **Vibration Rating:**

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

Multi-chip, high-output, long-life LEDs

#### Photocell:

120V-277V Photocell Twist

#### **Drivers:**

Two Drivers Constant Current, Class 2, 1750mA, 100-277V, 50/60Hz, 1.1A, Power Factor 99%

# THD:

5.3% at 120V, 15.3% at 277V

#### **Surge Protection:**

6kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2.

#### **Ambient Temperature:**

Suitable for use in 40°C ambient temperatures.

# **Cold Weather Starting:**

The minimum starting temperature is -40°F/-40°C.

#### **Thermal Management:**

Superior patent pending 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" OD arms.

#### **Wedge Mounting Option:**

Allows field adjustment of +/- 5 degree tilt to achieve a level installation of LROAD125 universal adaptor roadway fixtures.

#### **Recommended Mounting Height:**

Up to 35 ft.

# **Color Consistency:**

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

#### **Color Stability:**

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

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# **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 C78.377-2011.

#### Reflector:

Specular vacuum-metallized polycarbonate

#### Gaskets:

High temperature silicone gaskets

#### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

#### Equivalency:

LROAD™ 125W replaces 350W metal halide

# **Green Technology:**

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

### **IESNA LM-79 & IESNA LM-80 Testing:**

RAB LED fixtures have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

### California Title 24:

# Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods--Buy American Act-- Construction Materials (October 2010).

# **Trade Agreements Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

#### **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

RWLED2T125/PCT with the twistlock photocell option complies with 2013 California Title 24 building and electrical codes a

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

The LROAD™ design is protected by patents pending in the U.S., Canada, China, Taiwan and Mexico.

#### Warrantv:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

#### **Country of Origin:**

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

# **Buy American Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.



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