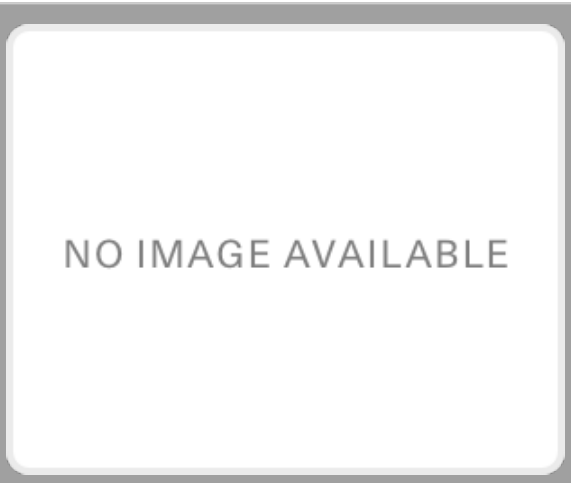
# WPLED3T50YW/480

RAB Outdoor




Color: White

Weight: 34.8 lbs

| Project: | Type: |
|---|---|
| | |
| **Prepared By:** | **Date:** |
| | |

### Driver Info

| | |
|---|---|
| Type | Constant Current |
| 120V | N/A |
| 208V | N/A |
| 240V | N/A |
| 277V | N/A |
| Input Watts | 53.40W |
| Efficiency | 94% |

### LED Info

| | |
|---|---|
| Watts | 50.00W |
| Color Temp | 3000K (Warm) |
| Color Accuracy | 71 CRI |
| L70 Lifespan | 100,000 |
| Lumens | 6,329 |
| Efficacy | 118.5 LPW |

## Technical Specifications

### Listings

**UL Listing:**

Suitable for wet locations as a downlight

**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: PTBYSTJQ

**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.

### LED Characteristics

**Lifespan:**

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

**LEDs:**

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

**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

**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 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.

**IP Rating:**

Ingress Protection rating of IP66 for dust and water

**Ambient Temperature:**

Suitable For use in 40°C (104°F)

**Cold Weather Starting:**

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:**

Heavy-duty mounting arm with "O" ring seal & stainless steel screws

**Reflector:**

Specular vacuum-metallized polycarbonate

**Gaskets:**

High-temperature silicone gaskets

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.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## Technical Specifications (continued)

### Electrical

**Driver:**

Constant Current, Class 2, 1400mA, 347-480V, 50-60Hz, 0.13A, Power Factor 99%

**THD:**

14.4% at 480V

**Power Factor:**

90.1% at 480V

**Ballast Volts:**

480V

**Surge Protection:**

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

### Other

**Patents:**

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

**Warranty:**

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

**Equivalency:**

Replaces 200W Metal Halide

**Buy American Act Compliance:**

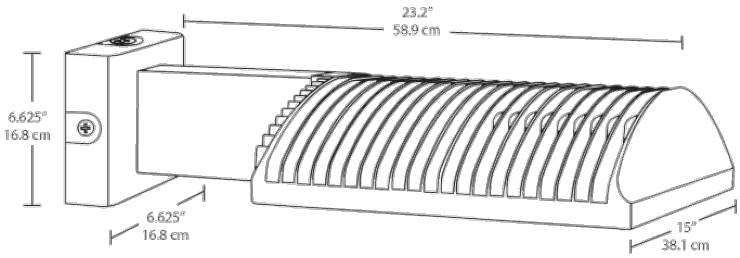
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

### Optical

**BUG Rating:**

B0 U0 G1

## Dimensions




## Features

- High performance LED light engine
- Maintains 70% of initial lumens at 100,000-hours
- Weatherproof high temperature silicone gaskets
- Superior heat sinking with die cast aluminum housing and external fins
- Replaces 400W MH
- 100 up to 277 Volts
- 5-Year, No-Compromise Warranty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## Ordering Matrix

| Family | Optics | Wattage | Color Temp | Mounting | Finish | Driver Options | Other Options |
|---|---|---|---|---|---|---|---|
| WPLED | 3T | 50 | Y | | W | /480 | |
| | **4T =** Type IV<br>**3T =** Type III<br>**2T =** Type II | **50 =** 50W<br>**78 =** 78W<br>**105 =** 105W<br>**125 =** 125W<br>**150 =** 150W | **Blank =** 5000K (Cool)<br>**N =** 4000K (Neutral)<br>**Y =** 3000K (Warm) | **Blank =** Arm<br>**FX =** Flat Mount | **Blank =** Bronze<br>**W =** White | **Blank =** Standard<br>**/480 =** 480V<br>**/BL =** Bi-Level<br>**/D10 =** 0-10V Dimming<br>**/480/D10 =** 480V 0-10V Dimming | **Blank =** Standard<br>**/PC =** 120V Photocell<br>**/PC2 =** 277V Photocell<br>**/PCT =** 120-277V Twistlock Photocell<br>**/PCT4 =** 480V Twistlock Photocell<br>**/PCS =** 120V Swivel Photocell<br>**/PCS2 =** 277V Swivel Photocell<br>**/PCS4 =** 480V Swivel Photocell<br>**/WS =** Multi-Level Motion Sensor<br>**/WS2 =** Multi-Level Motion Sensor (20 ft. mt. ht.)<br>**/WS4 =** Multi-Level Motion Sensor (40 ft. mt. ht.)<br>**/LC =** Lightcloud Controller |


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