



Ultra high output, high efficiency 50 Watt LED wallpacks. Patent Pending airflow technology ensures long LED and driver lifespan. 5 Year Warranty.

Color: Bronze

Weight: 34.8 lbs

|                     |              |
|---------------------|--------------|
| <b>Project:</b>     | <b>Type:</b> |
| <b>Prepared By:</b> | <b>Date:</b> |

| Driver Info  |                  | LED Info        |        |
|--------------|------------------|-----------------|--------|
| Type:        | Constant Current | Watts:          | 50W    |
| 120V:        | N/A              | Color Temp:     | 5000K  |
| 208V:        | N/A              | Color Accuracy: | 67 CRI |
| 240V:        | N/A              | L70 Lifespan:   | 100000 |
| 277V:        | N/A              | Lumens:         | 5,196  |
| Input Watts: | 55W              | Efficacy:       | 94 LPW |
| Efficiency:  | 91%              |                 |        |

## Technical Specifications

### Listings

#### UL Listing:

Suitable for wet locations as a downlight.

#### 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.

#### Dark Sky Approved:

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

### 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:

7-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 C78.377-2011.

### Construction

#### IES Classification:

The Type IV distribution (also known as a Forward Throw) is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semiCircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

#### IP Rating:

Ingress Protection rating of IP66 for dust and water.

#### Ambient Temperature:

Suitable for use in 40°C ambient temperatures.

#### Cold Weather Starting:

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

#### 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:

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

#### 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.

#### Green Technology:

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

### Electrical

#### Driver:

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

#### Ballast Volts:

480V

#### Surge Protection:

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

### Other

#### Equivalency:

WPLED™ 50W replaces 200W metal halide

#### California Title 24:

WPLED50 with available photocell option complies with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture ≤ 75 Watts. Add /PCT to include a photocell.

#### 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.

**Technical Specifications (continued)**

**Other**

**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.

**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.

**Optical**

**BUG Rating:**

B0 U0 G2

**Dimensions**



**Features**

- High output, high efficiency LED
- 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
- 100 up to 277 Volts
- 5-year warranty

**Ordering Matrix**

| Family | Distribution                                  | Watts    | Color Temp  | Mount                              | Finish                      | Voltage                         | Photocell   | Dimming                               | Sensor   | Bi-Level                              |
|--------|---|----------|---|------------------------------------|-----------------------------|---------------------------------|---|---------------------------------------|--|---------------------------------------|
| WPLED  |   |          |   |                                    |                             |                                 |   |                                       |  |                                       |
|        | 2T = Type II<br>3T = Type III<br>4T = Type IV | 50 = 50W | Blank = 5000K (Cool)<br>Y = 3000K (Warm)<br>N = 4000K (Neutral) | Blank = Standard<br>FX = Flat Wall | Blank = Bronze<br>W = White | Blank = 120-277V<br>/480 = 480V | Blank = No Photocell<br>/PC = 120V Button<br>/PC2 = 277 Button<br>/PCS = 120V Swivel<br>/PCS2 = 277V Swivel<br>/PCT = 120-277V Twistlock<br>/PCS4 = 480V Swivel<br>/PCT4 = 480V Twistlock | Blank = No Dimming<br>/D10 = Dimmable | /WS2 = Multi-Level Motion Sensor (Only available for 120-277V with /D10 for 50W) | Blank = No Bi-Level<br>/BL = Bi-Level |