



Ultra high output, high efficiency 105 Watt LED wallpacks. Patent Pending airflow technology ensures long LED and driver lifespan. 5 Year Warranty.

Color: White

Weight: 34.8 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

#### Driver Info

|              |                  |
|--------------|------------------|
| Type:        | Constant Current |
| 120V:        | 0.89A            |
| 208V:        | 0.58A            |
| 240V:        | 0.50A            |
| 277V:        | 0.44A            |
| Input Watts: | 106W             |
| Efficiency:  | 99%              |

#### LED Info

|                 |        |
|-----------------|--------|
| Watts:          | 105W   |
| Color Temp:     | 4000K  |
| Color Accuracy: | 82 CRI |
| L70 Lifespan:   | 100000 |
| Lumens:         | 7,604  |
| Efficacy:       | 72 LPW |

## Technical Specifications

### Listings

#### UL Listing:

Suitable for wet locations.

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

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have been 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.

#### 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: P0000179C

### 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 warranted 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 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.

#### Maximum Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures

#### Cold Weather Starting:

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

#### Thermal Management:

Superior thermal management with external Air-Flow fins.

#### 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.

### For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

### Electrical

#### Drivers:

Two Drivers, Constant Current, Class 2, 1400mA, 100-277V, 50/60Hz, 0.8A, Power Factor 99%

#### THD:

7.9% at 120V, 16.8% at 277V

### Other

#### California Title 24:

See WPLED2T105/BL for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

### 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.

### Patents:

The design of WPLED105 is protected by patents pending in US, Canada, China, Taiwan and Mexico.

## 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:

B1 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  | 105 = 105W | Blank = 5000K (Cool) | Blank = Standard | Blank = Bronze | Blank = 120-277V | Blank = No Photocell      | Blank = No Dimming | /WS2 = Multi-Level Motion Sensor (Only available for 120-277V with /D10 for 105W) | Blank = No Bi-Level |
|        | 3T = Type III |            | Y = 3000K (Warm)     | FX = Flat Wall   | W = White      | /480 = 480V      | /PC = 120V Button         | /D10 = Dimmable    |   | /BL = Bi-Level      |
|        | 4T = Type IV  |            | N = 4000K (Neutral)  |                  |                |                  | /PC2 = 277 Button         |                    |   |                     |
|        |               |            |                      |                  |                |                  | /PCS = 120V Swivel        |                    |   |                     |
|        |               |            |                      |                  |                |                  | /PCS2 = 277V Swivel       |                    |   |                     |
|        |               |            |                      |                  |                |                  | /PCT = 120-277V Twistlock |                    |   |                     |
|        |               |            |                      |                  |                |                  | /PCS4 = 480V Swivel       |                    |   |                     |
|        |               |            |                      |                  |                |                  | /PCT4 = 480V Twistlock    |                    |   |                     |