



LED Wallpacks for solar applications or other 10-30 VDC systems. Perfect for off-grid, remote-area lighting. Up to 85% more efficient than line voltage AC solutions. Available in 20 & 26 Watt.

Color: Bronze

Weight: 7.5 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

#### Driver Info

|              |          |
|--------------|----------|
| Type:        | DC to DC |
| 120V:        | N/A      |
| 208V:        | N/A      |
| 240V:        | N/A      |
| 277V:        | N/A      |
| Input Watts: | 28W      |
| Efficiency:  | 95%      |

#### LED Info

|                 |        |
|-----------------|--------|
| Watts:          | 26W    |
| Color Temp:     | 5000K  |
| Color Accuracy: | 66 CRI |
| L70 Lifespan:   | 100000 |
| Lumens:         | 2,473  |
| Efficacy:       | 90 LPW |

## Technical Specifications

### LED Characteristics

#### Lifespan:

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

#### LEDs:

Multi-chip (2)13 watt, 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 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 C78.377-2015.

### Electrical

#### Electrical Input Specifications:

Max Watts = 30W; Input Volts = 10-30 VDC; Operating Amps = 3.0 - 1.0A.

### Construction

#### Cold Weather Starting:

The minimum starting temperature is -30°C (-22° F).

#### Thermal Management:

Die-cast aluminum Thermal Management system for optimal heat dissipation.

#### Housing:

Die-cast aluminum housing, lens frame and mounting arm.

#### Mounting:

Junction box and Surface Plate.

#### Reflector:

Specular aluminum.

#### 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.

### Other

#### Equivalency:

The WPLED26 is Equivalent in delivered lumens to a 175W Metal Halide Wallpack.

#### HID Replacement Range:

The WPLED26 can be used to replace 150 - 200W Metal Halide Wallpacks based on delivered lumens.

#### California Title 24:

LPACK complies with California Title 24 building and electrical codes.

#### For Use on LEED Buildings:

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

#### Patents:

The design of the LPACK is protected by US patents pending in US., Canada, China, Taiwan & Mexico.

#### 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.

### Listings

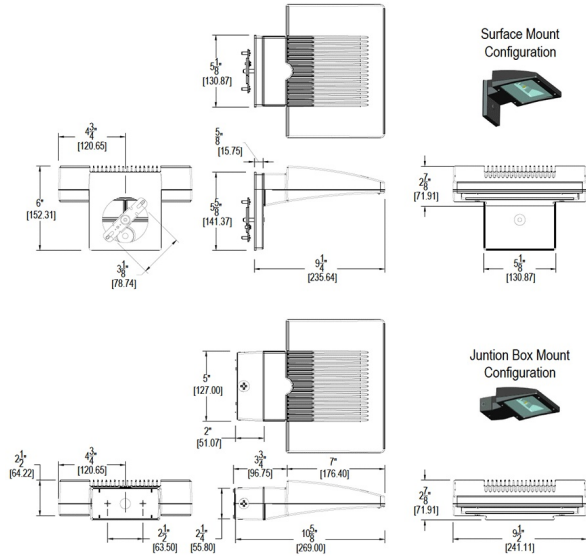
#### IESNA LM-79 & LM-80 Testing:

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

#### Dark Sky Approved:

The International Dark Sky Association has approved these products as full cutoff, fully shielded luminaires.

## Dimensions



## Features

- Low voltage DC
- Ideal for solar applications
- Up to 85% more energy efficient
- No energy-loss from DC-AC inverter
- Enables off-grid, remote-area lighting
- 5-year warranty

## Ordering Matrix

| Family | Watts                | Direct Current      | Finish                      |
|--------|----------------------|---------------------|-----------------------------|
| WPLED  | 20 = 20W<br>26 = 26W | DC = Direct Current | Blank = Bronze<br>W = White |