



LED 80W Wall packs. 3 cutoff options. patent-pending thermal management system. 100,000 hour L70 lifespan. 5-year, no-compromise warranty.

Color: White

Weight: 17.6 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 | 83.8W            |

LED Info

|                |                 |
|----------------|-----------------|
| Watts          | 80W             |
| Color Temp     | 4000K (Neutral) |
| Color Accuracy | 75 CRI          |
| L70 Lifespan   | 100,000 Hours   |
| Lumens         | 9,908           |
| Efficacy       | 118.2 lm/W      |

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations

IESNA LM-79 & 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.

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: PNYNWVPA

LED Characteristics

LEDs:

Two (2) 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 color temperature over a 5-year period

Color Uniformity:

RAB's range of 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.

Performance

Lifespan:

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

Electrical

Driver:

Constant current, Class 1, 347--480V, 50/60 Hz, 4kV Surge Protection, 700mA, 347-480V = 0.26A.

THD:

10.66% at 480V

Power Factor:

89.9% at 480V

Starting/Operating Amps:

480V = 0.26A.

Surge Protection:

4kV

Ballast Volts:

480V

## Technical Specifications (continued)

### Construction

#### Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

#### Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

#### Thermal Management:

Superior thermal management with external "Air-Flow" fins

#### Housing:

Precision die-cast aluminum housing, lens frame

#### Mounting:

Die-cast aluminum wall bracket with (5) 1/2" conduit openings with plugs. Two-piece bracket with tether for ease of installation and wiring.

#### Arm:

Die-cast aluminum with wiring access plate

#### Cutoff:

Standard (15°)

### Lens:

Tempered glass

### Reflector:

Specular vacuum metallized polycarbonate

### Gaskets:

High-temperature silicone gaskets, including a wiring plug gasket, seal out moisture

### Finish:

Formulated for high durability and long-lasting color

### Green Technology:

Mercury and UV free. RoHS-compliant components.

### IP Rating:

Ingress protection rating of IP66 for dust and water

### Other

### Equivalency:

Replaces 320W Metal Halide

### Patents:

The WPLED design is protected by patents in the U.S. Pat D653,377, Canada Pat. 142252, China Pat. ZL201130356930.8, and Mexico Pat. 36921 and pending patent in TW.

### 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](http://rablighting.com/warranty).

### Replacement:

Replaces up to 400W Metal Halide

### Buy American Act Compliance:

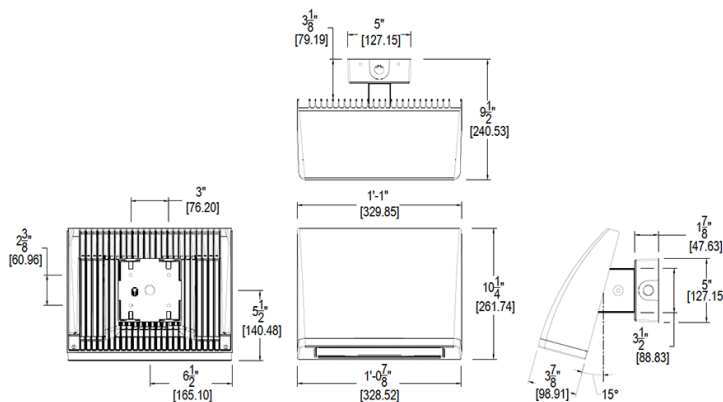
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

### Optical

### BUG Rating:

B1 U2 G3

## 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
- Traditional wall pack look from the front
- 3 cutoff options
- 5-Year, No-Compromise Warranty

## Ordering Matrix

| Family                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Cutoff | Wattage | Color Temp | Finish | Driver Options | Options | Other Options |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|------------|--------|----------------|---------|---------------|
| WPLED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        | 80      | N          | W      | /480           |         |               |
| <div> <div> <b>Blank</b> = Standard (15 degrees)<br/> <b>C</b> = Cutoff (7.5 degrees)<br/> <b>FC</b> = Full Cutoff (0 degrees) </div> <div> <b>52</b> = 52W<br/> <b>80</b> = 80W </div> <div> <b>Blank</b> = 5000K Cool<br/> <b>N</b> = 4000K Neutral<br/> <b>Y</b> = 3000K Warm </div> <div> <b>Blank</b> = Bronze<br/> <b>W</b> = White </div> <div> <b>Blank</b> = 120-277V<br/> <b>/480</b> = 480V<br/> <b>/BL</b> = Bi-Level<br/> <b>/D10</b> = 0-10V Dimming </div> <div> <b>Blank</b> = No Option<br/> <b>/PCS</b> = 120V Swivel Photocell<br/> <b>/PCS2</b> = 277V Swivel Photocell<br/> <b>/PCS4</b> = 480V Swivel Photocell<br/> <b>/LC</b> = Lightcloud® Controller </div> <div> <b>Blank</b> = Standard<br/> <b>USA</b> = BAA Compliant </div> </div> |        |         |            |        |                |         |               |