



Color: Bronze

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 | 111.1W           |

## LED Info

|                |               |
|----------------|---------------|
| Watts          | 105W          |
| Color Temp     | 5000K (Cool)  |
| Color Accuracy | 70 CRI        |
| L70 Lifespan   | 100,000 Hours |
| Lumens         | 13,439        |
| Efficacy       | 121 lm/W      |

## Technical Specifications

### Compliance

#### UL Listed:

Suitable for wet locations

#### 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: P85GVY6K

#### 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.

#### Dark Sky Conformance:

Conforms to (allows for conformance to) the requirements for the IDA's "Fixture Seal of Approval" as of March 1, 2016.

### Performance

#### Lifespan:

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

### 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

#### Maximum Ambient Temperature:

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

#### 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

## Technical Specifications (continued)

### Construction

#### Finish:

Formulated for high durability and long-lasting color

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

### LED Characteristics

#### 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 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 C78.377-2017.

### Electrical

#### Drivers:

Two Drivers, Constant Current, Class 2, 1400mA, 347-480V, 50/60Hz, 0.25A, Power Factor 99%

#### Ballast Volts:

480V

### Other

#### Equivalency:

Equivalent to 400W Metal Halide

#### 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).

### Patents:

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

### Buy American Act Compliance:

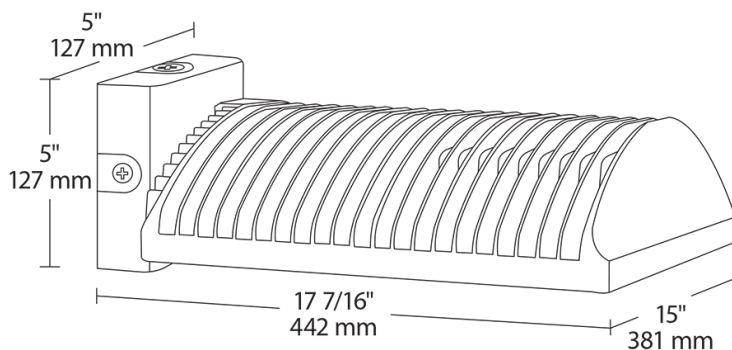
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

### Optical

#### BUG Rating:

B1 U0 G2

### 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

## Ordering Matrix

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