



Color: Bronze

Weight: 33.4 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	78W
120V	0.66A	Color Temp	3000K (Warm)
208V	0.41A	Color Accuracy	71 CRI
240V	0.35A	L70 Lifespan	100,000 Hours
277V	0.30A	Lumens	9,611
Input Watts	77.1W	Efficacy	124.7 lm/W

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations as a downlight

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: P000017AM

IESNA LM-79 & IESNA 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

IP Rating:

Ingress protection rating of IP66 for dust and water

Ambient Temperature:

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

Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

Housing:

Die-cast aluminum housing, lens frame and mounting arm

Reflector:

Specular vacuum-metallized polycarbonate

Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Optical

Specification Grade Optics:

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°.

## Technical Specifications (continued)

### Optical

#### BUG Rating:

B1 U0 G2

#### LED Characteristics

##### LEDs:

Six (6) multi-chip, 13W, 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 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

#### Driver:

Constant Current, Class 2, 2000mA, 100-277V, 50-60Hz, 1.1A, Power Factor 99%

#### THD:

5.0% at 120V, 13% at 277V

#### Surge Protection:

6kV

### 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 WPLED design is protected by patents pending in the U.S., Canada, China, Taiwan and Mexico.

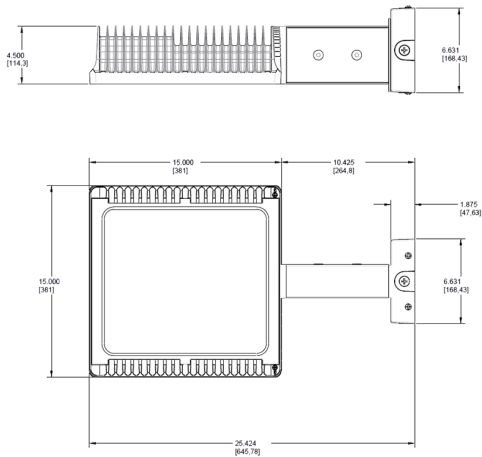
### Replacement:

Replaces 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.

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