



Color: Bronze

Weight: 32.0 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	1.31A
208V	N/A
240V	N/A
277V	N/A
Input Watts	153.4W

LED Info

Watts	150W
Color Temp	4000K (Neutral)
Color Accuracy	71 CRI
L70 Lifespan	100,000 Hours
Lumens	16,253
Efficacy	106 lm/W

Technical Specifications

Electrical

Driver:

One Driver, Constant Current, Class 2, 2100mA  
100-277V, 50-60Hz, Power Factor 99%

THD:

5% at 120V, 14.1% at 277V

Power Factor:

99.5% at 120V, 93.5% at 277V

Photocell:

120V Swivel photocell included. Photocell is only  
compatible with 120V.

Surge Protection:

4kV

Compliance

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: PE9166BW

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.

Performance

Lifespan:

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

LED Characteristics

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 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.

Construction

Maximum Ambient Temperature:

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

## Technical Specifications (continued)

### Construction

#### Cold Weather Starting:

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

#### Thermal Management:

Superior thermal management with external "Air-Flow" fins

#### Lens:

Tempered glass lens

#### Housing:

Die-cast aluminum housing, lens frame and mounting arm

#### Mounting:

Heavy-duty mounting arm with "O" ring seal & stainless steel screws

#### IP Rating:

Ingress protection rating of IP66 for dust and water

#### Reflector:

Specular vacuum-metallized polycarbonate

#### Gaskets:

High-temperature silicone gaskets

#### Bracket EPA:

2.0.

#### Finish:

Formulated for high durability and long-lasting color

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

#### Other

#### 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).

#### Equivalency:

Equivalent to 400W Metal Halide

#### Buy American Act Compliance:

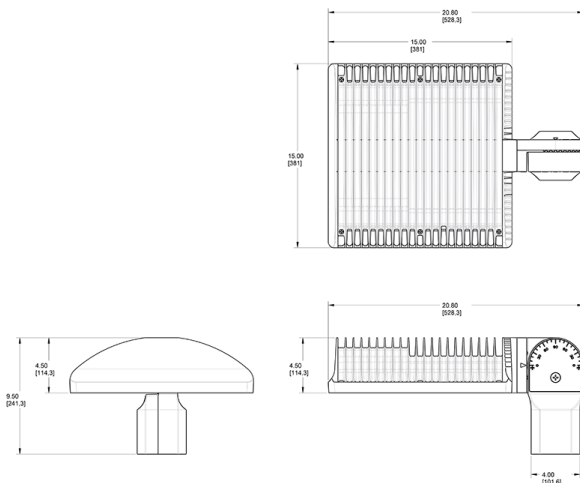
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

#### Optical

#### BUG Rating:

B1 U0 G2

## Dimensions



## Features

66% energy cost savings vs. HID

100,000-hour LED lifespan

5-Year, No-Compromise Warranty

## Ordering Matrix

Family	Optics	Wattage	Mounting	Color Temp	Finish	Driver Options	Options	Other Options
ALED	3T	150	SF	N			/PCS	
	<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> = Pole mount <b>SF</b> = Slipfitter	<b>Blank</b> = 5000K Cool <b>N</b> = 4000K Neutral <b>Y</b> = 3000K Warm	<b>Blank</b> = Bronze <b>RG</b> = Roadway Gray <b>W</b> = White <b>K</b> = Black	<b>Blank</b> = 120-277V <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> = No Option <b>/LC</b> = Lightcloud® Controller <b>/PCS</b> = 120V Swivel Photocell <b>/PCS2</b> = 277V Swivel Photocell <b>/PCT</b> = 120-277V Twistlock Photocell <b>/PCS4</b> = 480V Swivel Photocell <b>/PCT4</b> = 480V Twistlock Photocell <b>/WS2</b> = Multi-Level Motion Sensor 20 ft. <b>/WS4</b> = Multi-Level Motion Sensor 40 ft.	<b>Blank</b> = Standard <b>USA</b> = BAA Compliant