



Color: Bronze

Weight: 6.5 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

**Driver Info**

**LED Info**

Type	Constant Current	Watts	18.00W
120V	0.17A	Color Temp	3000K (Warm)
208V	0.11A	Color Accuracy	71 CRI
240V	0.09A	L70 Lifespan	100,000
277V	0.08A	Lumens	2,460
Input Watts	20.70W	Efficacy	118.8 LPW
Efficiency	87%		

## Technical Specifications

### Listings

**UL Listing:**

Suitable for wet locations

**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.

**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: P0000175J

### LED Characteristics

**Lifespan:**

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

**LED:**

Multi-chip, high-output, long-life LED

**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 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 C78.377-2017.

### Construction

**IES Classification:**

The Type III distribution is ideal for roadway, general parking, and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

**Effective Projected Area:**

EPA = 0.27

**Maximum Ambient Temperature:**

Suitable for use in 40°C (104°F)

**Cold Weather Starting:**

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

**Thermal Management:**

Superior thermal management with external "Air-Flow" fins

**Finish:**

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color

**Reflector:**

Semi-specular, vacuum-metalized polycarbonate

**Gaskets:**

High-temperature silicone gaskets

**Housing:**

Die-cast aluminum housing, lens frame and mounting arm

**Mounting:**

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

## Technical Specifications (continued)

### Construction

#### 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 100W Pulse Start 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 G0

### Electrical

#### Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz., 4KV surge protection, 120V: 0.19A, 208V: 0.11A, 240V: 0.10A, 277V: 0.08A

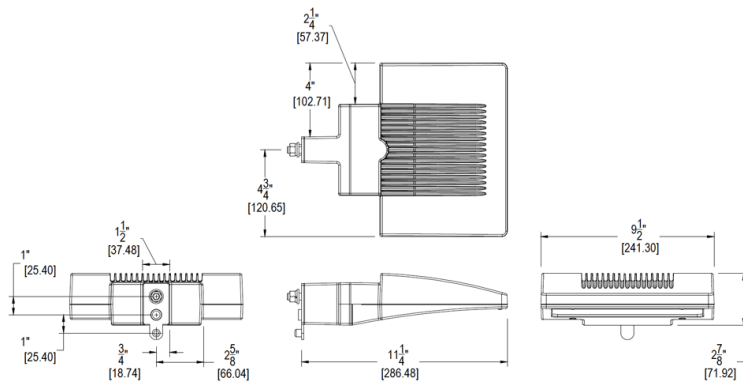
#### THD:

9.77% at 120V, 18.41% at 277V

#### Power Factor:

99.2% at 120V, 91.5% at 277V

## Dimensions



## Features

- High output 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