

LED roadway lighting that replaces up to 400W HPS. Optics are factory installed and meet IES Distribution Type IV.

Color: Gray                      Weight: 39.8 lbs

Project:	Type:
Prepared By:	Date:

Driver Info	LED Info		
Type	Constant Current	Watts	240W
120V	N/A	Color Temp	4000K (Neutral)
208V	N/A	Color Accuracy	71 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	27,661
Input Watts	230W	Efficacy	120.3 lm/W

Technical Specifications

**Compliance**

**UL Listed:**

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.

**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: PBPZLNK0

**Electrical**

**Driver:**

Constant Current, Class 2, 120-277V, 50/60 Hz, 480V: 0.5A

**THD:**

7.8% at 480V

**Power Factor:**

95.8% at 480V

**7-Pin Receptacle:**

ANSI C136.41 7-pin receptacle

**Surge Protection:**

10kV

**Optical**

**BUG Rating:**

B1 U0 G4

**Construction**

**IES Classification:**

The Type IV distribution (also known as a Forward Throw) is especially suited for illuminating the perimeter of parking areas and for intersections. 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

**Vibration Rating:**

Industry-leading 5G vibration rating per ANSI C136.31

**Maximum Ambient Temperature:**

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

**Cold Weather Starting:**

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

## Technical Specifications (continued)

### Construction

#### Thermal Management:

Superior thermal management design with external Air-Flow fins provides maximum operational life, even in high ambient temperature environments

#### Housing:

Die-cast aluminum housing, lens frame and mounting arm

#### Mounting:

Fits most standard roadway upsweep arms. Adaptor brackets supplied fit 1", 1 1/4", 1 1/2" and 2" pipe arms. Fixture can be tilted at the following angles: -5°, -2.5°, 0°, 2.5°, and 5°.

#### Recommended Mounting Height:

Up to 35 ft

#### Effective Projected Area:

EPA = 1.7

#### Reflector:

Vacuum-metalized polycarbonate

#### Gaskets:

High-temperature silicone gaskets

#### Finish:

Formulated for high durability and long-lasting color

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

#### Lens:

Clear tempered glass lens

### 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 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.

### Other

#### Accessory:

Shorting Cap for 7-Pin Receptacle [available here](#).

#### 10 Yr Limited Warranty:

Fixture operation and paint finish are covered for a period of 10 years. [See our full warranty here](#).

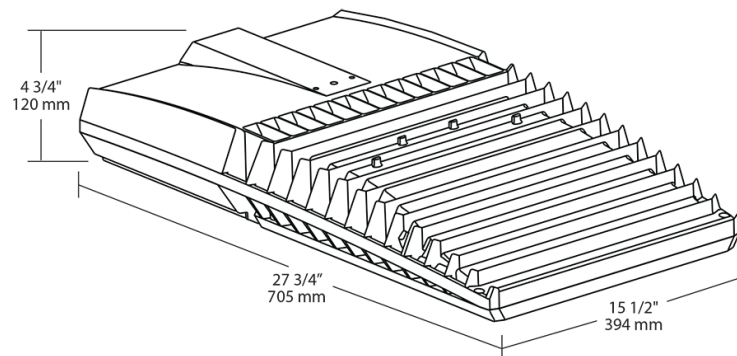
#### Replacement:

Replaces 400W HPS

#### 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

IP66 Rated

Industry-leading 5G vibration rating per ANSI C136.31

100,000-Hour LED lifespan

10-Year, Limited Warranty

## Ordering Matrix

Family	Distribution	Wattage	Color Temp	Finish	Driver Options	Sensor Options
TBLED	4T	240	N	RG	/480/D10	/7PR
	<b>4T</b> = Type IV <b>3T</b> = Type III <b>2T</b> = Type II	<b>240</b> = 240W <b>150</b> = 150W <b>100</b> = 100W	<b>Blank</b> = 5000K (Cool) <b>N</b> = 4000K (Neutral) <b>Y</b> = 3000K (Warm)	<b>RG</b> = Gray	<b>/D10</b> = 0-10V Dimming <b>/480/D10</b> = 480V, 0-10V Dimming	<b>/7PR/PCT</b> = 7-Pin Receptacle w/ 120-277V Twistlock Photocell <b>/PCT4</b> = 480V Twistlock photocell <b>/7PR</b> = 7-Pin Receptacle