PIPXL100TY/480/D10

RAB LIGHTING

Project:	Type:
Prepared By:	**Date:**

Driver Info

Type:	Constant Current
120V:	N/A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	111W
Efficiency:	90%

LED Info

Watts:	100W
Color Temp:	3000K
Color Accuracy:	72 CRI
L70 Lifespan:	60000
Lumens:	15900
Efficacy:	144 LPW

Industry-leading efficacy, incredible value. The low-cost floodlight family just upped its game. PIPXL™ - up to 16,600 lumens and 100W of affordable LED light.

Color: Bronze   Weight: 20.6 lbs

Technical Specifications

Listings

UL Listing:

Suitable for wet locations. Suitable for ground mounting.

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

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: PYTRNPUU

Electrical

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

Surge Protection:

4kV

Power Factor:

96.3% at 480V

LED Characteristics

LEDs:

Long-life, high-efficiency surface mounting LEDs

Lifespan:

60,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

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 C78.377-2015.

Replacement:

Replaces up to 400W Metal Halide.

Optical

NEMA Type:

7H x 6V Beam Spread.

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

Thermal Management:

Superior thermal management with external "Air-Flow" fins.

Maximum Ambient Temperature:

Suitable for use in 104° F (40°C) ambient temperatures

Cold Weather Starting:

The minimum starting temperature is -22° F (-30° C).

Housing:

Precision die-cast aluminum housing.

Lens:

Two (2) clear acrylic lens with integrated optics

Mounting:

Heavy-duty Trunnion mount with stainless steel hardware.

Effective Projected Area:

EPA = 1.2

Gaskets:

High temperature silicone gaskets.

Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Finish:

Formulated for high-durability and long lasting color.

Other

5 Yr Limited Warranty:

RAB warrantees fixture operation and paint finish for a period of 5 years.

Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

RAB
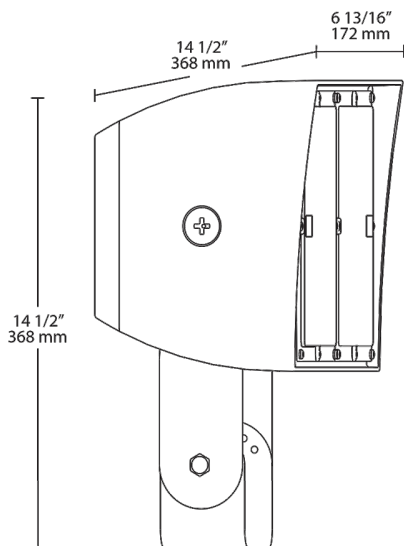LIGHTING

Technical Specifications (continued)

Other

Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

Dimensions

14 1/2″
368 mm

6 13/16″
172 mm

14 1/2″
368 mm

Features

Ultra-high efficiency

DLC Premium

0-10V Dimming, standard

60,000-Hour LED lifespan

5-Year limited warranty

Ordering Matrix

Family	Watts	Mount	Color Temp	Finish	Driver	Options
PIPXL	100	T	Y		/480/D10	

	100 = 100W	**SF** = Slipfitter	**Blank** = 5000K (Cool)	**Blank** = Bronze	**/D10** = Dimmable 120-277V	**Blank** = No Options
	70 = 70W	**T** = Trunnion	**N** = 4000K (Neutral)	**W** = White	**/480/D10** = Dimmable 480V	**/PCU** = 120-277V Button Photocell
			Y = 3000K (Warm)			**/PCT** = 120-277V Twistlock photocell
						/PCT4 = 480V Twistlock photocell
						/7PR = 7-Pin Receptacle
						/BL = Bi-Level
						/LC = Lightcloud