# PIPXL100TNW/D10/PCT

**RAB** LIGHTING

| Project: | Type: |
|---|---|
| **Prepared By:** | **Date:** |

**Driver Info**

| | | **LED Info** | |
|---|---|---|---|
| Type: | Constant Current | Watts: | 100W |
| 120V: | 0.93A | Color Temp: | 4000K |
| 208V: | 0.56A | Color Accuracy: | 74 CRI |
| 240V: | 0.49A | L70 Lifespan: | 60000 |
| 277V: | 0.41A | Lumens: | 16605 |
| Input Watts: | 111W | Efficacy: | 150 LPW |
| Efficiency: | 90% | | |

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: White          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: PF2BZKQW

### 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:**

96.9% at 480V

**Photocell:**

120-277V Twistlock Photocell Included. Photocell is compatible with 120V - 277V.

### 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.

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

Page 1 of 2

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## Technical Specifications (continued)

### Other

**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).
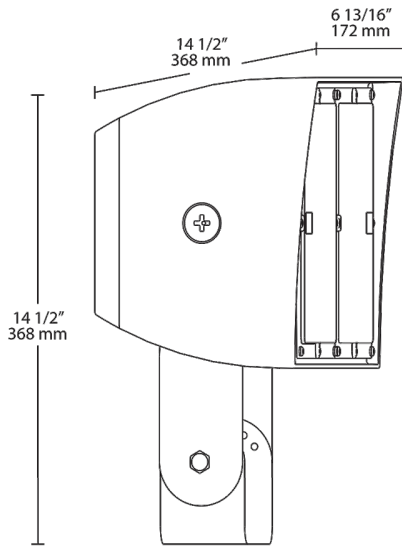
**Trade Agreements Act Compliant:**

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

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