# PIP45NW/D10

**RAB** LIGHTING

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

### Driver Info
| | |
|---|---|
| Type: | Constant Current |
| 120V: | 0.42A |
| 208V: | 0.26A |
| 240V: | 0.22A |
| 277V: | 0.19A |
| Input Watts: | 49W |
| Efficiency: | 91% |

### LED Info
| | |
|---|---|
| Watts: | 45W |
| Color Temp: | 4000K |
| Color Accuracy: | 75 CRI |
| L70 Lifespan: | 60000 |
| Lumens: | 6181 |
| Efficacy: | 126 LPW |

The low-cost floodlight family just upped its game. PIP™ - now up to 45W of affordable LED light.

Color: White          Weight: 4.6 lbs

## Technical Specifications

### Listings

**UL Listing:**

Suitable for wet locations. Suitable for ground mounting.

**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: P2GF72GQ

**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.

### Electrical

**Driver:**

Constant Current, Class 2, 50/60 Hz, 2kV, 120 - 277VAC 120: 0.42A, 208V: 0.26A, 240V: 0.22A, 277V: 0.19A

**Dimming Driver:**

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

**THD:**

11.0% at 120V, 15.7% at 277V

**Power Factor:**

99.0% at 120V, 92.6% at 277V

**Surge Protection:**

+/- 1kV line to line (differential mode)/ +/- 2kV line to common mode ground (tested to secondary ground) on AC power port, +/- 0.5 kV for outdoor cables

### 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.

### Optical

**NEMA Type:**

7H x 6V Beam Spread.

### Construction

**IP Rating:**

Ingress Protection rating of IP66 for dust and water

**Maximum Ambient Temperature:**

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

**Cold Weather Starting:**

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

**Housing:**

Precision die-cast aluminum housing and mounting arm

**Lens:**

Frosted acrylic lens with built-in optics

**Mounting:**

Mounting arm with "O" ring seal, seal plug and stainless steel screw.

**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).

**Trade Agreements Act Compliant:**

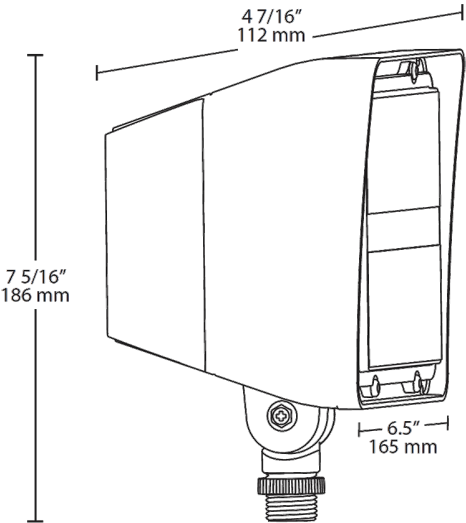This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

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

Page 1 of 2

**RAB**
LIGHTING

## Technical Specifications (continued)

### Other

**GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

### Dimensions



4 7/16″
112 mm

7 5/16″
186 mm

6.5″
165 mm

### Features

0-10V Dimming, standard

Replaces 150W MH

60,000-Hour LED lifespan

5-Year limited warranty

### Ordering Matrix

| Family | Watts | Color Temp | Finish | Dimming | Photocell |
|--------|-------|-----------|--------|---------|-----------|
| PIP | 45 | N | W | /D10 | |
| | **45** = 45W | **Blank** = 5000K (Cool) | **Blank** = Bronze | **/D10** = Dimmable | **Blank** = No Photocell |
| | | **N** = 4000K (Neutral) | **W** = White | | **/PCU** = 120-277V Button Photocell |
| | | **Y** = 3000K (Warm) | | | |