



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

Project:

Type:

Prepared By:

Date:

Driver Info

Type:	Constant Current
120V:	0.93A
208V:	0.56A
240V:	0.49A
277V:	0.41A
Input Watts:	111W
Efficiency:	90%

LED Info

Watts:	100W
Color Temp:	5000K (Cool)
Color Accuracy:	78 CRI
L70 Lifespan:	60,000
Lumens:	15839
Efficacy:	143 LPW

Technical Specifications

Lightcloud

Lightcloud Controller Installed:

Fixture, Zone, and plug-load control from one powerful device. Capable of switching, 0-10V dimming, power monitoring. Can also be used to extend the range of the Lightcloud mesh network. Attach to fixture, junction box, or electrical panel.

Listings

UL Listing:

Suitable for wet locations. Suitable for ground mounting.

IESNA LM-79 & 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 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: P2PSU64X

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

LED Characteristics

Note:

All values are typical (tolerance +/- 10%)

LEDs:

Long-life, high-efficacy surface mount 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 C78.377-2017.

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 40°C (104°F) ambient temperatures

Cold Weather Starting:

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

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.

Finish:

Formulated for high-durability and long lasting color

Other

Replacement:

Replaces up to 400W Metal Halide

5 Yr Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at

Features

- Ultra-high efficiency
- DLC Premium
- 0-10V Dimming, standard
- 60,000-Hour LED lifespan
- 5-Year, Limited Fixture Warranty and 10-Year, No Compromise Lightcloud Warranty

Ordering Matrix

Family	Wattage	Mount	Color Temp	Finish	Driver	Options
PIPXL	100	T	^	^	/D10	^
	70 = 70W 100 = 100W	SF = Slipfitter T = Trunnion	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	Blank = Bronze W = White	/D10 = Dimmable 120-277V /347/D10 = Dimmable 347V	Blank = No Options /PCU = 120-277V Button Photocell /PCT = 120-277V Twistlock photocell /PCT3 = 347V Twistlock photocell /7PR = 7-Pin Receptacle /BL = Bi-Level /LC = Lightcloud®