

Date _____

Project _____



LED STATION LIGHTING DIRECT-AC RETROFIT FIXTURE

Product Features

Built for Harsh Environments:

Our patented co-extruded aluminum and copolyester housing was developed specifically for harsh environments. Certified to the highest ingress and impact protection ratings available, IP68 and IK07.

"Fixture Lock" Anti-Rotation Feature:

Internally developed for this application, this unique feature locks the fixture in place and prevents it from rotating. Fully customizable to fit all types of tombstones in the field.

Long Lifetime Direct-AC Driverless:

Connects directly to AC line voltage without a traditional LED driver for extreme reliability and lifetime. Metal core LED module for superior heat dissipation.

FTA Buy America Compliant:

Engineered and manufactured in New York and Buy America compliant, G&G's PRX fixture is built on quality, innovation, and the latest in LED technology.

Performance Summary

Delivered Light Output: Up to 4,500 Lumens

Efficacy: 120 LPW

CRI: Typical 85 CRI

CCT: 5000K, 4000K & 3500K

Lifetime: 100,000 Hour L70 @25C

Warranty: 10 Years (See ggled.net for Terms)

Mounting: Single Pin FA8 Base (T8/T12)

Dimensions: Length Varies, Diameter 1.0"

Protection Class: IP68 Ingress & IK07 Impact

Dimming: Yes, TRIAC Dimmable. Converter available for DMX+0-10V.

Voltage: 120 VAC or 277 VAC Input

EMI: Tested to FCC Title 47, Part 15 Subpart B and MIL-STD-461E, RE102

Ambient Rating: -40°C to 60°C

Ordering Information

Product	Length	Lumens	Color Temp.	Voltage
PRX				
4 4-Foot		20L 2000 Lumens	50K 5000 Kelvin	120V 120 VAC Input
6 6-Foot		30L 3000 Lumens	40K 4000 Kelvin	277V 277 VAC Input
		45L 4500 Lumens	35K 3500 Kelvin	

Replacement Parts For Existing Fluorescent Fixtures

Part	Description
PRX-40-0005	Kulka 572/573 Lampholder Kit (Older Style)
PRX-40-0006	Leviton 466/467 Pedestal Lampholder Kit (Newer Style)
PRX-CN99415	Camlock Fastener (Tamper Proof)
PRX-10-0010	Series 98J Door Extrusion

*More Parts Available Upon Request

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Product Specifications

Construction & Materials

Integrated aluminum heat spreader.

Seamless polymeric outer shell provides IP68 ingress protection and is specialized for superior chemical resistance.

All G&G luminaires and components are proudly manufactured and assembled in the USA, of US and imported components. Our products are FTA Buy America.

Gold plated contact pins.

Electrical System

Power Factor: 0.9 nominal.

Input Power: Stays consistent over life.

Temperature Rating: Designed to operate in temperatures -40°C to 60°C.

Total Harmonic Distortion: < 20%

Regulatory Qualifications

cULus Listed

UL Listed for Wet Locations

MIL-STD-461E RE102

FCC Title 47 EMI/RFI Compliance

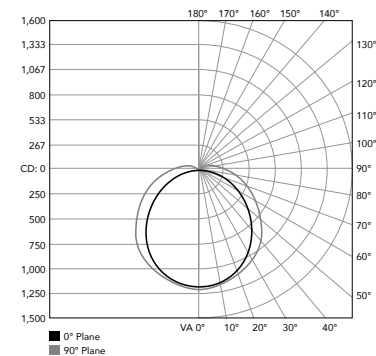


Photometry

PRX Series

Fixture photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%.

Polar Candela Distribution



Zonal Summary

Zone	Luminaire
0-40	38.9%
0-60	69.2%
0-90	94.2%
90-180	5.8%

Electrical Data

Length & Output	Lumens	Wattage	Amps @120V	Amps @277V
PRX4-20L	2000	17.2W	0.14	0.06
PRX4-30L	3000	25.8W	0.22	0.09
PRX6-30L	3000	23.3W	0.19	0.08
PRX6-45L	4500	35.0W	0.29	0.13

Installation



Watch Installation Video: goo.gl/CFZ4wu

3-Minute Installation Time

1. Cut power and remove T12 lamp
2. Release camlocks and open door
3. Bypass fluorescent ballast
4. Close door and fasten camlocks
5. Install G&G PRX retrofit
6. Apply power