



IP68
INGRESS
CERTIFIED

IK07
IMPACT
CERTIFIED

DIRECT AC
DRIVERLESS

EMI
SILENT

BAA
BABAA
COMPLIANT

Proudly made
in America



LED Station Lighting Direct-AC Retrofit Fixture

"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.

Built for Harsh Environments

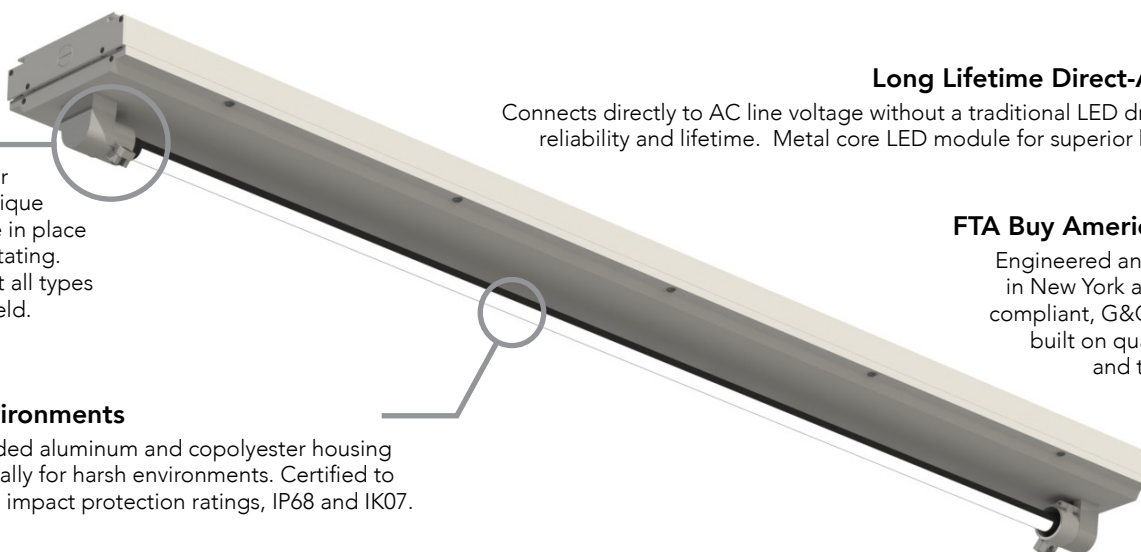
Our patented co-extruded aluminum and copolyester housing was developed specifically for harsh environments. Certified to the highest ingress and impact protection ratings, IP68 and IK07.

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: 130,000 Hours L70 at 25°C

Warranty: 10 Years

Mounting: Single Pin FA8 Base (T8/T12)

Dimensions: Length Varies, Diameter 1.0"

Lens: Diffused (standard)

Dimming: TRIAC Dimmable; Converter available for DMX+0-10V

Protection Class: IP68

Temperature Rating: Operable in temperatures -40°C to 60°C

Voltage: 120 or 277 VAC Input

Power Factor: >0.95

Surge Protection: Built-in 4KV

Total Harmonic Distortion: < 20%

FIXTURE SPECIFICATIONS

Construction & Materials

- Proudly engineered and manufactured in America:
 - Buy American Act (BAA) compliant
 - Build America, Buy America Act (BABAA) compliant
- Gold-plated contact pins
- Patented coextruded copolyester and aluminum housing
 - Seamless polymeric outer shell
 - Integrated aluminum heat spreader

Regulatory Qualifications

- cULus Listed
- UL Listed for Wet Locations
- IP68/IP69K Certified
- IK07 Impact Certified
- EMI Silent, tested to the following criteria:
 - MIL-STD-461E, RE102
 - FCC Title 47, Part 15 Subpart B (EMI/RFI Compliance)
- NFPA 130 & 502

REV: 1124

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	



LUMEN & POWER 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

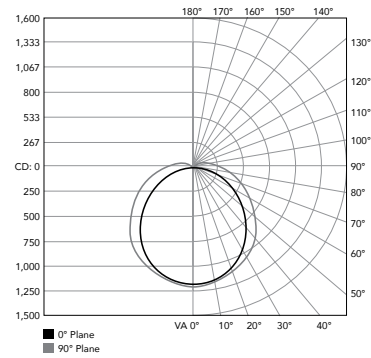
PHOTOMETRY

PRX Series

Based on DTC Report Test #: 14404-T

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 Lumen Summary

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