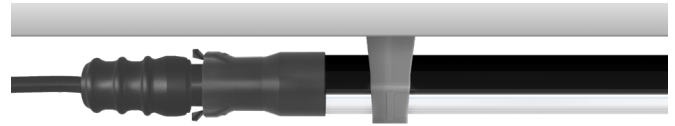




**DIRECT AC  
DRIVERLESS**



## Low-Profile, Driverless Linkable IP67 LED Linear Luminaire

### Product Features

#### Maintenance-Free Driverless Design

Connects directly to AC line voltage without an LED driver or electrolytic capacitors, for extreme reliability and lifetime. Requires zero maintenance.

#### Easy to Install Quick-Connect Cabling

Convenient push-and-click connectors and cabling make GPX Series fixtures easy to install and daisy chain.

#### Coextruded Copolyester/Aluminum Housing

Our patented process combines copolyester and aluminum together, with no seals or gaskets. The result is a single piece enclosure with excellent heatsinking characteristics for long lifetime.

#### Superior Chemical & UV Resistance

Seamless polymeric outer shell provides IP67 ingress protection and is specialized for superior chemical resistance. An additional protective coating is available which integrates a UV inhibitor and UV blocker for outdoor applications.

### Performance Summary

**Delivered Light Output:** Up to 8,000 Lumens

**Efficacy:** 130 LPW

**CRI:** Typical 85 CRI

**CCT:** 5000K & 4000K

**Lifetime:** Designed to last 100,000 Hours at 25°C

**Warranty:** 5 Years (See ggled.net for Terms)

**Mounting:** Ceiling or Wall

**Protection Class:** IP67

**Dimming:** Yes, TRIAC Dimmable

**Voltage:** 120 VAC or 277 VAC Input

**Maximum Run Length:** Refer to the Table on Page 2

**Ambient Temperature:** -40°C to 55°C

### Ordering Information

Product	Length	Lumen Output	Color Temp.	Lens Diffusion	UV Protection	Through Wired	Voltage
<b>GPX</b>							
	<b>2</b> 2-Foot	<b>SO/Blank</b> Standard Output 600 Lumens/Ft	<b>50K</b> (standard) 5000 Kelvin	<b>Blank</b> (standard) Chemical Resistant Clear Lens	<b>Blank</b> (standard) No Coating, Rated for Indoor Use	<b>Blank</b> (standard) Connectors on Input & Output for ability to Daisy Chain fixtures	<b>120V</b> 120 VAC Input
	<b>4</b> 4-Foot	<b>HO*</b> High Output 1000 Lumens/Ft	<b>40K</b> 4000 Kelvin	<b>GC</b> (glare control) Chemical Resistant Lens with Added Diffusion Sheet	<b>UVO</b> Outdoor-Rated with UV-Blocking Coating	<b>SE</b> (Single-Ended) Connector on Input Only, No Daisy Chain, for Standalone Install	<b>277V</b> 277 VAC Input
	<b>6</b> 6-Foot	<i>*Available in 2', 4' &amp; 8' only</i>					
	<b>8</b> 8-Foot						

### Power & Connection Accessories

Cable	Type	Length	Wire	Mounting Hardware	Description
*No Jumper Cable Required on End-to-End Connection					
GPX-JMP-1	Jumper	1ft	18 AWG SJTW	GPX-MNT-NM	Non-Metalic Quick Latch
GPX-JMP-2	Jumper	2ft	18 AWG SJTW	GPX-MNT-SS	Stainless Steel Bolt Latch
GPX-JMP-4	Jumper	4ft	18 AWG SJTW		
GPX-JMP-8	Jumper	8ft	18 AWG SJTW		
GPX-LDR-10	Leader Cable	10ft	18 AWG SJTW		
GPX-LDR-25	Leader Cable	25ft	18 AWG SJTW		

\*For serviceability and expansion/contraction considerations G&G limits the number of luminaires connected end-to-end (without a jumper cable) to a maximum of 4.

## Low-Profile, Driverless Linkable IP67 LED Linear Luminaire

### Product Specifications

#### Construction & Materials

Convenient push-and-click connectors let you easily and rapidly install Leader Cables and Jumper Cables. Multiple cable lengths support a variety of layouts.

Integrated aluminum heat spreader.

Seamless polymeric outer shell provides IP67 ingress protection and is specialized for superior chemical resistance. An additional protective coating is available which integrates a UV inhibitor and UV blocker for outdoor applications.

All G&G luminaires and components (with the exception of our LED boards and drivers) are proudly manufactured and assembled in the USA.

#### Electrical System

Power Factor: 0.9 nominal.

Input Power: Stays consistent over life.

Temperature Rating: Designed to operate in temperatures -40°C to 55°C.

Total Harmonic Distortion: < 20%

#### Regulatory Qualifications

cULus Listed

UL Listed for Wet Locations

DLC Listed

NEMA 4X Rated



### Lumen & Power Data

Length & Output	Lumens	Wattage	Amps @120V	Amps @277V
GPX2-SO	1200	9	0.075	0.032
GPX4-SO	2400	18	0.150	0.065
GPX6-SO	3600	27	0.225	0.097
GPX8-SO	4800	36	0.300	0.130
GPX2-HO	2000	16	0.130	0.060
GPX4-HO	4000	31 (36 @ 277V)	0.258	0.112
GPX8-HO	8000	62 (72 @ 277V)	0.517	0.224

### Maximum Fixture Run

Maximum Fixture Run (Per 1 Leader Cable): 120VAC						
	GPX2-SO (9W)	GPX4-SO (18W)	GPX4-HO (31W)	GPX6-SO (27W)	GPX8-SO (36W)	GPX8-HO (62W)
JMP1 (1FT)	66 (198')	37 (185')	23 (115')	26 (182')	20 (180')	12 (108')
JMP2 (2FT)	59 (236')	34 (204')	21 (126')	24 (192')	19 (190')	12 (120')
JMP4 (4FT)	50 (300')	31 (248')	19 (152')	22 (220')	17 (204')	10 (120')
JMP8 (8FT)	40 (400')	26 (312')	16 (192')	19 (266')	15 (240')	9 (144')

Maximum Fixture Run (Per 1 Leader Cable): 277VAC						
	GPX2-SO (9W)	GPX4-SO (18W)	GPX4-HO (36W)	GPX6-SO (27W)	GPX8-SO (36W)	GPX8-HO (72W)
JMP1 (1FT)	157 (471')	89 (445')	58 (290')	63 (441')	48 (432')	30 (270')
JMP2 (2FT)	141 (564')	83 (498')	55 (330')	59 (472')	46 (460')	30 (300')
JMP4 (4FT)	119 (714')	73 (584')	48 (384')	54 (540')	42 (504')	27 (324')
JMP8 (8FT)	95 (950')	61 (732')	40 (480')	46 (644')	37 (592')	24 (384')

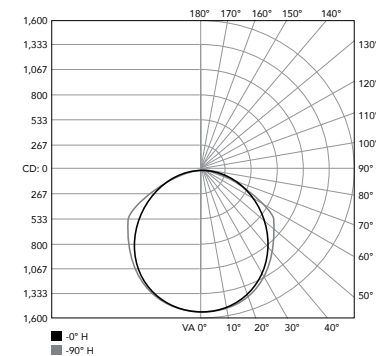
### Photometry

#### GPX 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
0-30	26.2%
0-40	43.2%
0-60	77.4%
0-90	98.5%
0-180	100%

### Dimensions

Model	Fixture Diameter	Fixture Length		Mounted	
		Thru Wire	Single End	Width	Height
GPX2	1.0"	25.15"	24.00"	1.25"	1.75"
GPX4	1.0"	47.15"	46.00"	1.25"	1.75"
GPX6	1.0"	69.15"	68.00"	1.25"	1.75"
GPX8	1.0"	91.15"	90.00"	1.25"	1.75"