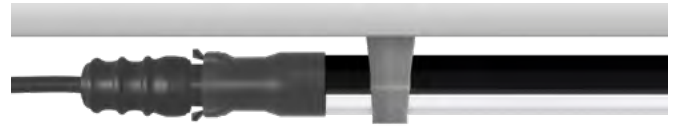


Date Project 

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

Rev Date 21 1021

**STRONG.**

**SIMPLE.**

**COMPACT.**

## 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')     |

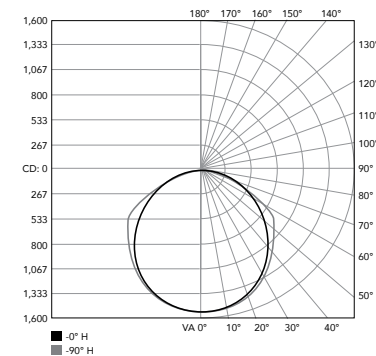
### Photometry

#### 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"  |