



## Linear Wash Down LED Luminaire for Task Lighting in Food Processing

### Product Features

#### Compact High Output Design

Engineering around the latest in LED technology to achieve a low-profile 2" design. The end result is a strong, compact luminaire that is installation friendly and packs a punch at up to 20,000 lumens. Rounded top allows for water and debris to easily roll off during sanitization wash down process.

#### Superior Waterproof and Chemical Resistance

A seamless copolyester outer shell provides IP69K ingress protection (1500 PSI) along with extreme chemical resistance. Designed for heavy hosedown applications and/or daily sanitation.

#### 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.

### Performance Summary

- Delivered Light Output:** Up to 20,000 Lumens
- Illuminance:** 290 FC at 3' (Standard Output, 90 CRI)
- Efficacy:** 130+ LPW
- CRI:** 85+ CRI (Standard) 90+ CRI Available
- CCT:** 5000K & 4000K
- LED L70:** 140,000 Hours at 25°C
- Warranty:** 5 Years (See ggled.net for Terms)
- Mounting:** Cable/Chain Mount Included  
Surface Mount Optional
- Voltage:** 120-277 VAC Input
- Ambient Temperature (SO):** -20°C\* to 60°C
- Ambient Temperature (HO):** -20°C\* to 50°C

\*Emergency battery back-up temperature rating down to 0°C

### Ordering Information

Product	Length	Lumen Output	Color Temp.	CRI	Options
<b>FPX</b>					
	<b>2</b> 2-Foot	<b>SO</b> Standard Output 1875 Lumens/Foot	<b>50K</b> 5000 Kelvin	<b>Blank</b> (standard) 85+ CRI	<b>3W</b> 6' Hardwired SJEOW Cord, 3 Wire
	<b>4</b> 4-Foot	<b>HO</b> High Output 2500 Lumens/Foot	<b>40K</b> 4000 Kelvin	<b>90C</b> 90+ CRI	<b>3P</b> Mini-Change Receptacle, 3 Pole
	<b>8</b> 8-Foot				<b>3P-THRU</b> (Daisy Chain) Throughwired with Mini-Change Receptacle on Input & Output, 3 Pole
					<b>4P-EM</b> (Emergency)* Built-In Emergency Battery Back-Up Mini-Change Receptacle, 4 Pole
					<b>5P-DIM</b> (Dimming) 0-10V Dimming Mini-Change Receptacle, 5 Pole

### Cabling

Required for Mini-Change receptacle options (3P, 3P-THRU, 4P-EM & 5P-DIM)

Cabling	Description
FPX-LDR-6-3P	6' Leader Cable, 3 Pole, 16 AWG, Yellow
FPX-LDR-20-3P	20' Leader Cable, 3 Pole, 16 AWG, Yellow
FPX-LDR-6-4P	6' Leader Cable, 4 Pole (Emergency Option), 16 AWG, Yellow
FPX-LDR-6-5P	6' Leader Cable, 5 Pole (Dimming), 16 AWG, Yellow
FPX-JMP-1-3P	1' Jumper Cable, 3 Pole, 16 AWG, Yellow
FPX-JMP-3-3P	3' Jumper Cable, 3 Pole, 16 AWG, Yellow
FPX-JMP-6-3P	6' Jumper Cable, 3 Pole, 16 AWG, Yellow

### Mounting

Mounting	Description
FPX-MNT-SM	Surface Mount Kit - Includes (2) Stainless Steel Band Mounts
FPX-MNT-WM	Wall Mount Kit - Includes (2) Stainless Steel 45-Degree Angle Band Mounts



## Linear Wash Down LED Luminaire for Task Lighting in Food Processing

### Product Specifications

#### Construction & Materials

316 SS brackets and hardware.

Integrated heavy-duty aluminum heat spreader.

Seamless polymeric outer shell provides IP69K ingress protection and is specialized for superior chemical resistance.

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

#### Regulatory Qualifications

NSF Certified

cULus Listed

UL Listed for Wet Locations

NEMA 4X, NEMA 6P Rated

#### Lumen & Power Data

Length & Output	Lumens	Wattage	Amps @120V	Amps @277V
FPX2-SO	3,750	28	0.23	0.10
FPX2-HO	5,000	38	0.32	0.14
FPX4-SO	7,500	55	0.46	0.20
FPX4-HO	10,000	75	0.64	0.27
FPX8-SO	15,000	110	0.92	0.40
FPX8-HO	20,000	150	1.25	0.54

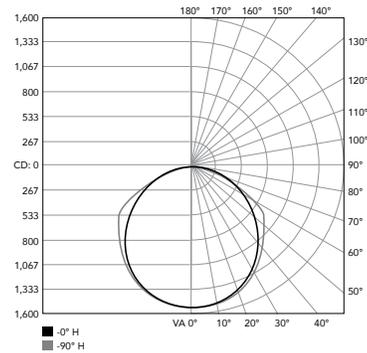
### Photometry

#### FPX 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	24.8%
0-40	40.5%
0-60	71.1%
0-90	95.8%
0-180	100%

### Dimensions

