



INDUSTRIAL LIGHTING

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www.ggled.net

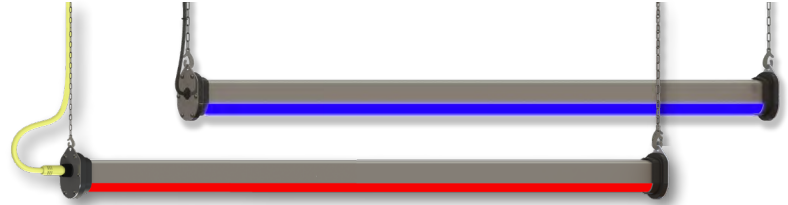
Date

Project



IP69K
CERTIFIED

IK10
IMPACT
CERTIFIED



RED / BLUE FOOD PROCESSING IP69K LUMINAIRE

Product Features

Red & Blue Color Options

Specialized wavelengths that trigger certain behaviors in poultry for production and processing. Long wavelength red reduces aggression and short wavelength blue calms to reduce poultry activity.

Compact High Output Design

Engineered 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 with a rounded top allowing for water and debris to easily roll off during sanitization wash down process.

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 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.

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

Mounting: Cable/Chain Mount Included
Surface Mount Optional

Voltage: 120-277 VAC Input

Ambient Temperature: -20°C to 60°C

Ordering Information

Product	Length	Color	Options
FPX			
4	4-Foot	RED RED (660 nm)	3P (Standard) Mini-Change Receptacle, 3 Pole
8	8-Foot	BLU BLUE (470 nm)	3W 6' Hardwired SJEOOW Cord, 3 Wire
			5P-DIM (Dimming) 0-10V Dimming Mini-Change Receptacle, 5 Pole

Cabling Required for Mini-Change receptacle options (3P & 5P-DIM)

Cabling	Description
FPX-LDR-6-3P	6' Leader Cable, 3 Pole, 16 AWG, Yellow
FPX-LDR-30-3P	30' Leader Cable, 3 Pole, 16 AWG, Yellow
FPX-LDR-6-5P	6' Leader Cable, 5 Pole (Dimming), 16 AWG, Yellow

Mounting

Mounting	Description
FPX-MNT-SM	*All Fixtures Include Cable Mount Option (Actual Cable/Chain Not Included) Surface Mount Kit - Includes (2) Stainless Steel Band Mounts.

Rev Date 19 1217

STRONG.

SIMPLE.

COMPACT.

RED / BLUE FOOD PROCESSING IP69K LUMINAIRE

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

Power Data

Length & Output	Wattage	Amps @120V	Amps @277V
FPX4-COLOR	75	0.65	0.27
FPX8-COLOR	150	1.25	054

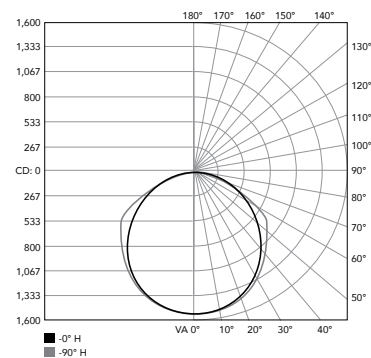
Photometry

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

