



**IP68  
IP69K**  
CERTIFIED

**IK10  
IMPACT**  
CERTIFIED

NEMA  
**4X**

NEMA  
**6P**

**BAA  
BABAA**  
COMPLIANT

Proudly made  
in America



## Red / Blue Food Processing IP69K Luminaire

### Lightweight & Easy to Install

FPX is available as a hardwired fixture, or as an integrated 3 or 4 pin Mini-Change receptacle for simple, reliable quick-connect and daisy chaining.

### Low-Profile, Rounded Design

The seamless, 2.5" rounded housing allows for water and debris to easily roll off during sanitization and wash down processes. FPX is a National Sanitation Foundation (NSF) certified product.

### Superior Waterproof, Chemical & Impact Resistance

Seamless co-polyester housing provides IP68/69K protection and effectively prevents debris intrusion and build up. Specialized for superior chemical and impact resistance to withstand high-temperature, high-pressure washdown (1500 PSI) during daily sanitization processes.

### Available in Red or Blue

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

## PERFORMANCE SUMMARY

Available Colors: Red or blue

Lifetime: 140,000 Hours at 25°C

Warranty: 5 Years

Mounting: Cable/chain, surface or wall

Lens: Diffused (standard)

IP Protection Class: IP68/69K

Temperature Rating: Operable in temperatures -20°C to 60°C

Voltage: 120-277 VAC Input (Contact factory for custom voltage)

Power Factor: 0.9 nominal

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
- 316 SS brackets and hardware
- Patented coextruded copolyester and aluminum housing
  - Seamless polymeric outer shell
  - Internal aluminum heat sync
- Glass free, rounded housing for water & debris roll off
- Able to withstand 1500 PSI at 276°F for sanitation washdown

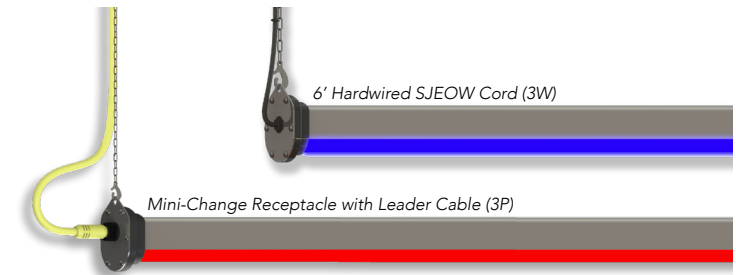
### Regulatory Qualifications

- Meets USDA lighting requirements
- cULus Listed
- IP68/69K Certified
- IK10 Impact Certified
- NSF Rated
- NEMA 4X, NEMA 6P Rated

REV: 1124

ORDERING INFORMATION

Product	Length	Color	Options
<b>FPX</b>			
	<b>4</b> 4-Foot	<b>RED</b> RED (660 nm)	<b>3P</b> (Standard) Mini-Change Receptacle, 3 Pole
	<b>8</b> 8-Foot	<b>BLU</b> BLUE (470 nm)	<b>3W</b> 6' Hardwired SJEO Cord, 3 Wire



CABLING

An accompanying cable is required for mini-change receptable fixture options: 3P and 5P-DIM.

Cable	Type	Wire	End-to-end Length
FPX-LDR-6-3P	Leader	3 Pole, 16 AWG, Yellow	6'
FPX-LDR-20-3P	Leader	3 Pole, 16 AWG, Yellow	20'
FPX-LDR-6-5P	Leader	5 Pole, 16 AWG, Yellow	6'

LUMEN & POWER DATA

Length & Output	Wattage	Amps @ 120V	Amps @ 277V
FPX4-COLOR	75	0.64	0.27
FPX8-COLOR	150	1.25	0.54

MOUNTING

All fixture models have a cable/chain mount option incorporated into the end-cap (the actual cable/chain is not included). Other mounting options (kits) must be ordered separately.

Mounting Kit	Description
MNT-G2-SM	Kit of (2) Surface Mount Stainless Steel Bands
MNT-G2-WM-45	Kit of (2) 45° Wall Mount Stainless Steel Bands



DIMENSIONAL DRAWINGS

