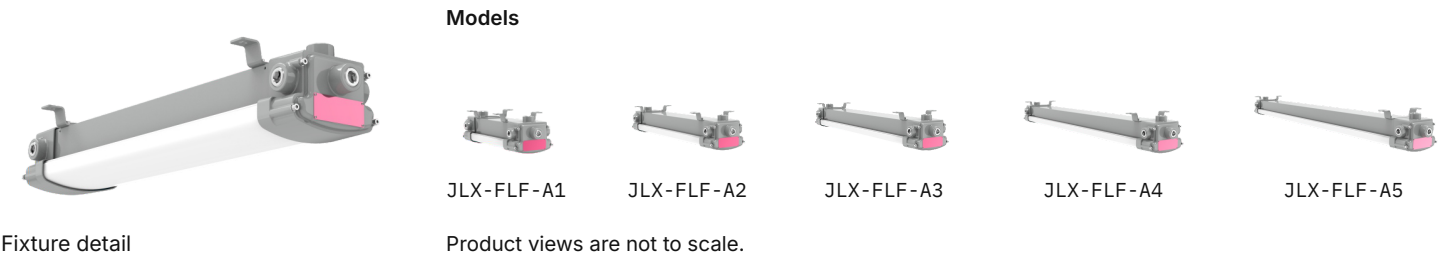


FLF SERIES

LED Explosion Proof NSF Strip Light



Key Features

- Fixed mounting bracket.
- Captive-screw wiring access covers; optional end-to-end feed-through.
- Aluminum housing for corrosion resistance and heat transfer.
- PC diffuser for visual comfort and uniform light distribution.
- Multiple optical distribution options.

Environmental performance

IP66 / IK10 / 500 hours salt spray

Standard Materials

Housing	Aluminum
Diffuser	Polycarbonate (PC)
Chip lens	Polymethyl methacrylate (PMMA)
Finish	Corrosion-resistant gray
Hardware	SUS304

Technical Data

Model	JLX-FLF-A1	JLX-FLF-A2	JLX-FLF-A3	JLX-FLF-A4	JLX-FLF-A5
Power, maximum (W)	32	66	90	120	150
Lumen output (lm)	3840-4480	7920-9240	10800-12600	14400-16800	18000-21000
Input	Efficacy		CCT		CRI
100-277 VAC	120-140 lm/W		2700-6500 K		Ra70

Catalog SKU

JLX-FLF-A1 / JLX-FLF-A2 / JLX-FLF-A3 / JLX-FLF-A4 / JLX-FLF-A5

FLF SERIES

LED Explosion Proof NSF Strip Light



Technical Data / continued

Input / frequency / power factor	100-277 VAC / 50/60 Hz / >0.95
Efficacy / CCT / CRI	120-140 lm/W / 2700-6500 K / Ra70
Beam angles / optional dimming	40° / 60° / 90° / 120° ; 0-10 V, optional
LED lumen maintenance	L70 >150,000 operating hours at 55°C
Manufacturer warranty	5 years

Emergency Option

Parameter	JLX-FLF-A1	JLX-FLF-A2	JLX-FLF-A3	JLX-FLF-A4	JLX-FLF-A5
Emergency option	No	Yes	Yes	Yes	Yes
Power, maximum	N/A	15 W	15 W	15 W	15 W
Emergency time	N/A	1.5 hours	1.5 hours	1.5 hours	1.5 hours

Ambient Temperature

Normal operation / all models	T6: -40°C to +40°C	T5: -40°C to +50°C	T4: -40°C to +60°C
Emergency operation	0°C to +60°C / emergency-equipped A2-A5 only		

Fixture & Mounting Dimensions

Model	Fixture dimensions (mm)	Mounting dimensions (mm)
JLX-FLF-A1	155 × 136 × 478	215 × 160 × 9
JLX-FLF-A2	155 × 136 × 801	538 × 160 × 9
JLX-FLF-A3	155 × 136 × 1024	761 × 160 × 9
JLX-FLF-A4	155 × 136 × 1297	1034 × 160 × 9
JLX-FLF-A5	155 × 136 × 1570	1307 × 160 × 9

Dimension order follows the supplied technical sheet; axes are not defined in the source.

Installation

Mounting	Surface, Pole, Pendant
Cable entry	3/4-inch NPT
Outlet	One wiring access cover with captive screws, or two for end-to-end feed-through wiring.

Wiring is not included; it can be customized if required.

Applications

Heavy industrial storage facilities; paper mills; chemical processing facilities; power plants; petrochemical processing facilities; offshore environments; wastewater treatment plants; food and alcohol industry.