



The **FAL-EX** series is a Class I, Division 2 explosion proof fixture that is IP66 rated for harsh environments. The durable aluminum housing acts as a heat sink allowing the fixture to be installed in even the toughest conditions with minimal lumen depreciation. Multiple size configurations make this fixture perfect for all applications. It is highly resistant to impact and vibrations.







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### **Applications:**

- Refinery factory
- Oil and gas loading dock
- Saw and Pulp mill
- Paint manufacture
- Smelting plant
- Mining
- Ocean platform
  - Chemical plant
- Hazardous environments

# FALCON Ex Series

# FAL-EX-XXXX Specifications

Listing: UL US-Canada Certified. Suitable for Wet Location. IP66 Rating Class I Division 2 Groups A, B, C, D, Class II Division 2, Groups F, G Class III. (Tested standards: UL844, UL1598/1598(A). CSA C22.2 No. 250.0/137. RoHS compliant.)

#### **Optics**: 120°

Available CRI: 70, 80 (only for 3000K CCT)

Colour Temperature (CCT): 3000-5000K

Input Line Voltage: 100-277 VAC, 50/60 Hz

Ambient Temperature: -40°C to 45°C

Warranty: 5 years

## Specification Table

<u>Standard Dimensions</u>: 600-1200mm x 136mm x 124mm [23.6-47.2" x 5.4" x 4.9"]

<u>Standard Weight</u>: 6.4 kg – 11 kg [14.1 lb. – 24.3 lb.]

Lens: Shock and vibration resistant tempered glass for reliability. Diffused lens for glare reduction available.

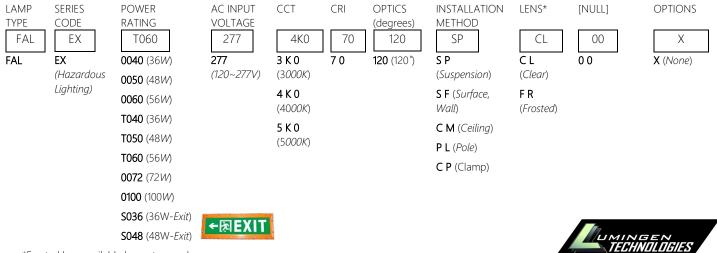
<u>Construction</u>: Powder-coated copper free aluminum housing. Suitable for marine applications.

<u>Major Feature</u>: IP66 dust/water protection. High efficiency and impact resistance (10J)

Installation: Surface/wall, ceiling, pole, suspension, and clamp mount

Model	Size (cm)	Lumen <sup>1</sup> (lm)	Wattage (W)	Efficiency (Im/W)	Temperature Class ( <i>45</i> C)
FAL-EX-0040	60 x 13.6 x 12.4	4,914	36	136.5	Т6
FAL-EX-0050	60 x 13.6 x 12.4	6,552	48	136.5	Т6
FAL-EX-0060	60 x 13.6 x 12.4	7,644	56	136.5	Т6
FAL-EX-T040	120 x 13.6 x 12.4	4,914	36	136.5	T5
FAL-EX-T050	120 x 13.6 x 12.4	6,552	48	136.5	T5
FAL-EX-T060	120 x 13.6 x 12.4	7,644	56	136.5	T5
FAL-EX-0072	120 x 13.6 x 12.4	9,828	72	136.5	T5
FAL-EX-0100	120 x 13.6 x 12.4	13,650	100	136.5	T5
FAL-EX-S036	60 x 13.6 x 12.4	4,554	36	136.5	Т6
FAL-EX-S048	60 x 13.6 x 12.4	6,072	48	136.5	Т6

## Ordering Code



\*Frosted lens available by custom order

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Specs subject to change without notice. January 3, 2020  $\pm$ 10% on light flux and power specifications