

FLF Series

LED Explosion Proof Light



FLF1



FLF4



FLF2



FLF5



FLF3



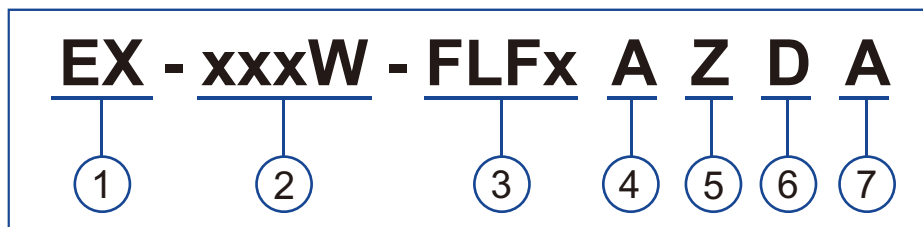
Certifications:

- ◆ Marking UL844 (North American)
Class I, Division 2, Groups A, B, C, D
Class II, Division 2, Groups F, G
- ◆ Ambient Temperature:
T5(-40°C to +40°C), T4(-40°C to +55°C)
- ◆ IP66

Key Features:

- ① Available in 5 lengths.
- ② High efficiency of 120-140 lumens per watt.
- ③ Smooth housing for easy cleaning.
- ④ Multiple beam angles include 40°, 60°, 90°, and 120°.
- ⑤ Long lifespan of 50,000 hours.
- ⑥ 5-year warranty
- ⑦ It is constructed of non-sparking materials for protection in flammable work sites.
- ⑧ Highly resistant to rough impact.

Ordering Guide:



- | | | | |
|--|---|---|--|
| ① PRODUCT CATEGORY
◆ Explosion proof light | ② WATTAGE
◆ 10W-100W | ③ PRODUCT SERIES
◆ FLF Series | ④ INPUT VOLTAGE
◆ AC100-277V |
| ⑤ CCT
◆ Z can be 22, 30, ..., 65.
◆ 22=2200K, 30=3000K, ..., 65=6500K | ⑥ BEAM ANGLE
◆ D40= 40°
◆ D60= 60°
◆ D90= 90°
◆ D120= 120° | ⑦ GLASS TYPE | |

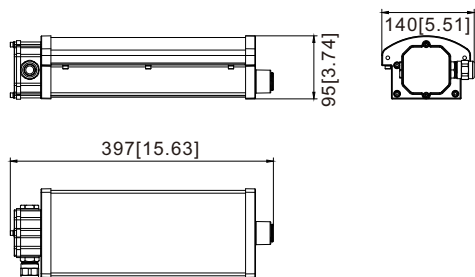
Technical Data:

Model	Wattage (W)	Operating Voltage	Efficacy (lm/W)	CRI	CCT	Emergency Time
EX-xxxW-FLF1 AZDA	10/20/30	AC100-277V	120-140	>70	2200K-6500K	>1.5 hours
EX-xxxW-FLF2 AZDA	10/20/30/40/50					
EX-xxxW-FLF3 AZDA	10/20/30/40/50/60/70					
EX-xxxW-FLF4 AZDA	10/20/30/40/50/60/70/80					
EX-xxxW-FLF5 AZDA	10/20/30/40/50/60/70/80/90/100					

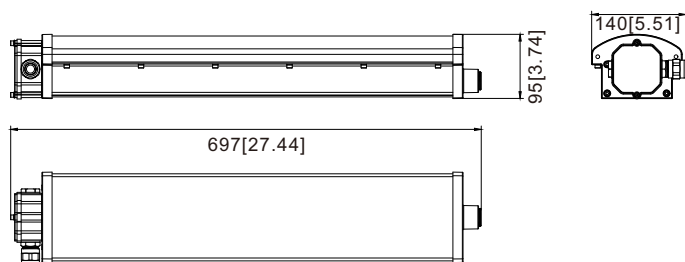
Dimensions:

Unit: mm[inch]

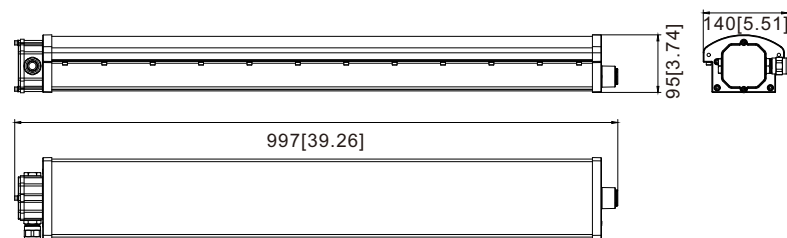
FLF1



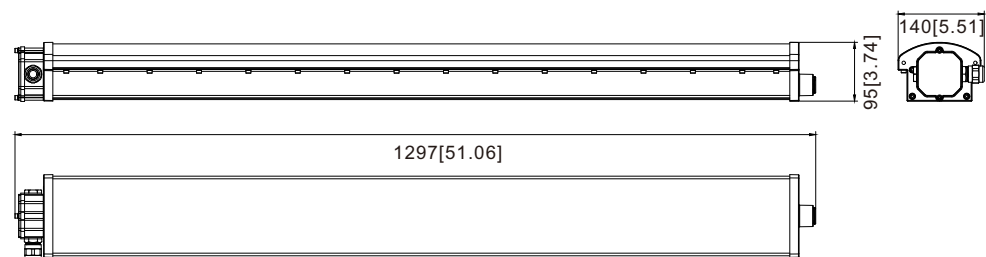
FLF2



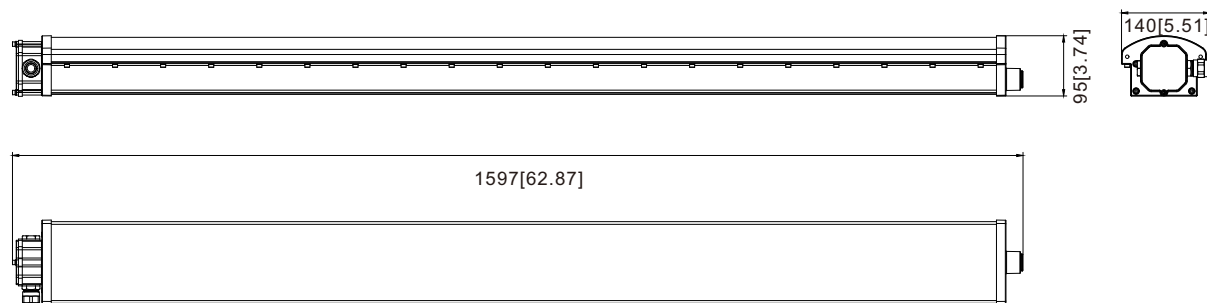
FLF3



FLF4

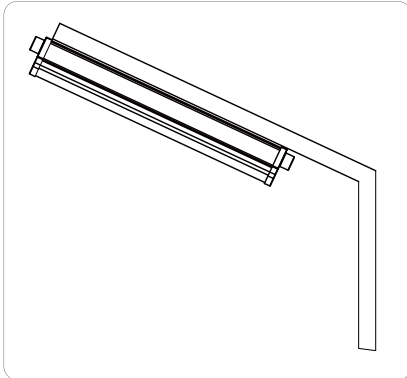


FLF5

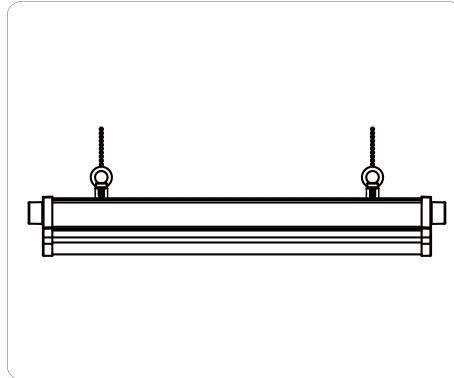


Mounting:

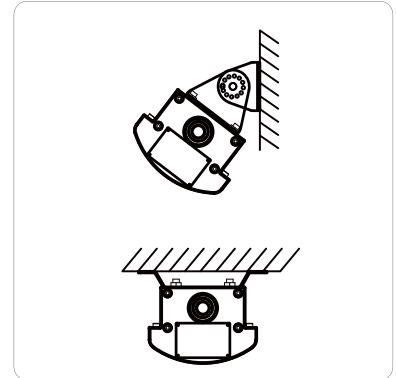
◆ Pole Mounting:



◆ Hook Mounting:



◆ Wall Mounting:



Application :

◆ Oil and gas industry

- All petroleum production and refining
- Petroleum loading and transportation
- Petroleum storage and retail
- LNG industry
- All mining operations and service

◆ Ocean, marine and aerospace field

- Ocean platform operation facilities
- Aerospace clean room and production
- Ocean vessel operations

◆ Food and alcohol industry

- Flour and fine particle production and storage
- Food and distilling production
- Alcohol industry

◆ Chemical industry

- All types of paint facilities
- Chemical production and storage

◆ Metal treatment

- Steel and aluminum factories
- Pumping stations in any environment
- Metal smelting, foundry and fabrication

◆ Other high humidity, high dust, high temperature, vapor locations.