

FS-SP05

Explosion Proof LED Linear Light



PROJECT:

TYPE:

NOTES:

DATE:



FS-SP05 series explosion-proof Linear Light it's compact, slim design makes it's attractive appearance. The independent LED diver chamber with external airflow heat sink provide excellent heat dissipation. Optional 0-10V Dimming and integrated daylight sensing can provide operating cost savings while giving users an efficient, intelligent lighting system

KEY FEATURES

- Copper-free aluminum housing
- Superior dual coat finish
- Temperature classification: T6
- Dimmable available
- 1Hz Flash available

RATINGS

- Class I Division 2 Groups A , B , C , D
- Class II Division 1 Groups E , F , G
- Class II Division 2 Groups F , G
- Class III Division 1 & 2
- Zone 1/2
- Zone 21/22
- IP66

CERTIFICATIONS

- cETL
- cUL 1598
- cUL 8750
- cUL 844
- CSA C22.2 # 250
- CSA C22.2 # 137



ORDERING GUIDE Example: FS-SP05-75-UH-40-WM-DM

FS-SP05		-		-		-		-	
MODEL	WATTAGE/LUMEN		VOLTAGE		CCT		MOUNTING		OPTION
	50 50W/7400LM		U 120-277V		30 3000K		TS Trunnion Swivel		DM Dimmable
	60 60W/8880LM		UH 120-347V		40 4000K		PM Pendant Mount		DS Daylight Sensor
	75 75W/11100LM		H 347-480V		57 5700K		WM Wall Mount		
	100 100W/13800LM						25WM 25° Wall Mount		
	120 120W/16560LM						CM Ceiling Mount		
	150 150W/20700LM								

FS-SP05 Explosion Proof LED Linear Light

TECHNICAL SPECIFICATIONS

Construction

Cooper-free aluminum housing
Expoxy powder coating finished
Sealed polyester top coat
Lens:
Heat and impact-resistant glass (Standard)
Clear polycarbonate (optional)

Installation

Pre-installed 6-foot black 18/3 cord
Multiple mounting options

LED System

CRI 80Ra
0-10V dimming available
138-148 lm/W Efficacy

Environment

Operating temperature of
-40°C ~+40°C (-40°F ~+158°F)
Impact Rating: IK08

Electrical

120-277V, 120-347V, 347-480V
Surge Protection: 4KV line to line,
6KV line to ground

Warranty

5 year limited warranty

MOUNTING OPTIONS



Pendant Mount



Ceiling Mount



Trunnion Swivel Mount

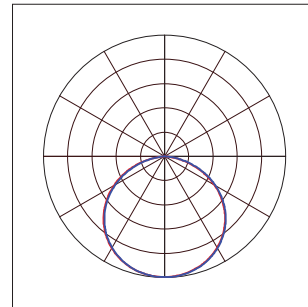
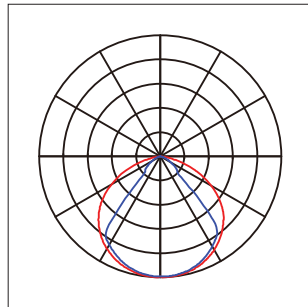


Wall Mount

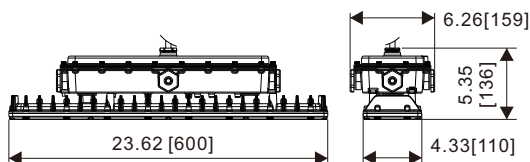


25° Wall Mount

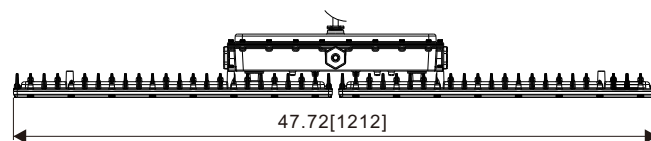
PHOTOMETRIC



DIMENSIONS & WEIGHT



50W
6.8kgs/14.99lbs
60W
6.8kgs/14.99lbs
75W
6.8kgs/14.99lbs



100W
10kgs/22.05lbs
120W
10kgs/22.05lbs
150W
10kgs/22.05lbs

Dimensions in inch [mm]