

Pauluhn FPS

Linear LED luminaire for marine and industrial locations

The Pauluhn™ FPS is a low/mid bay linear LED luminaire for industrial and marine locations. The FPS is available with a non-metallic housing, and is IP66 rated for moisture protection in hose down and marine applications.

Applications:

- Locations requiring continuous and consistent light levels
- Marine applications, such as engine rooms, decks and walkways
- Food and beverage processing facilities
- Pulp and paper production facilities
- Water/wastewater treatment facilities

Key features & benefits:

- Surface, pole mounts
- Operating ambient: -20°C to +50°C
- Non-metallic housing for corrosion resistance
- Stainless steel mounts and latches
- White LEDs: 4000K CCT, (80 CRI)



Certifications:

- IP66, Type 4X
- UL1598 Luminaire
- UL1598A Luminaires for Marine Vessels
- UL924 Emergency Lighting Equipment
- CSA 22.2 No. 250
- NSF Splash Zone

Electrical:

- 120-277 VAC, 50/60 Hz

Materials:

Housing:

- Fiberglass-reinforced polyester

Lens:

- Matte polycarbonate

Latches and mounting:

- Stainless steel

Base model number	Color/description	Lumens	Wattage		Current		Power factor	THD
			120V	277V	120V	277V		
FPS2L	White	3,494	26.30	27.70	0.221	0.110	>90%	<20%
FPS4L	White	7,040	77.88	78.01	0.662	0.305	>90%	<20%
FPS2L (RV1 or BV1)*	White mode w/ color LEDs	1,880	17.65	19.77	0.148	0.080	>90%	<20%
FPS4L (RV1 or BV1)*	White mode w/ color LEDs	7,040	25.11	25.26	0.218	0.100	>90%	<20%
FPS2L-EM2	White normal mode (with battery charging)	3,494	37.10	38.01	0.315	0.146	>90%	<20%
	White emergency mode	875	N/A	N/A	N/A	N/A	N/A	N/A
FPS4L-EM2	White normal mode (with battery charging)	7,040	77.88	78.01	0.662	0.305	>90%	<20%
	White emergency mode	1,200	N/A	N/A	N/A	N/A	N/A	N/A

*RV1: 700 lumens (red); BV1: 500 lumens (blue)



Powering Business Worldwide

Ordering information

Part number example

FPS2L-T-EM2

FPS non-metallic housing, 3,494 lumen LED, multipoint terminal block emergency battery back-up

FPS

Model	
FPS	Non-metallic

Lumen output	
2L	3,494 lumens, 4000K CCT, (80 CRI)
4L	6,800 lumens, 4000K CCT, (80 CRI)

2L

Options	
T	Multi-point terminal block
RV1	Red LED with separate driver
BV1	Blue LED with separate driver
G2	Feed through non-metallic cable glands
H2	¾" feed through NPT hubs

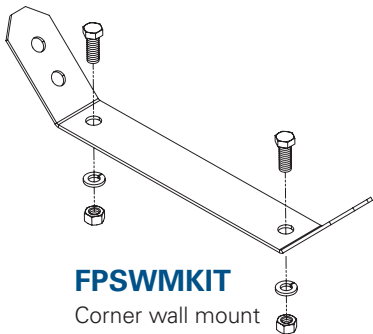
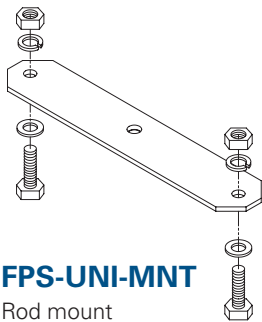
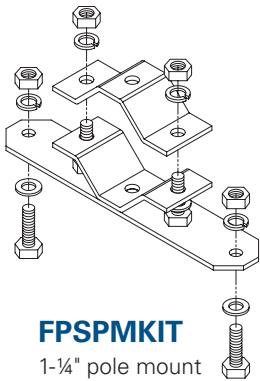
T

EM2

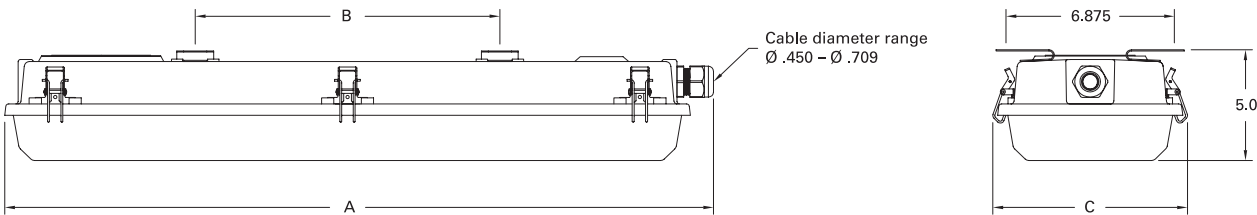
Emergency	
EM2*	Emergency battery back-up, test switch

*EM light output:
FPS2L= 874 lumens; FPS4L= 1,200 lumens

Mounting options



Dimensions



Nominal length	Dimensions in inches/centimeters			Carton W x D x L (inches)	lbs. (kg.)
	A	B	C		
2 foot	28.80 (73.70)	12.44 (31.59)	7.625 (19.40)	8-3/4 x 6-1/4 x 31-7/8	9.00 (4.00)
4 foot	52.80 (134.60)	36.56 (92.87)	7.625 (19.40)	8-1/2 x 6 x 56-1/16	17.00 (7.70)