

# F1 Series

## Flange Mount



Food  
Processing:



Made in USA with domestic &  
globally sourced components

### APPLICATIONS:

- ETL/cETL Listed Wet Location
- Cleanroom  
(Classes 100-100,000; ISO Classes 5-9)
- NSF Certified Food Processing  
(Splash Zone, Food Zone)
- Industrial & Commercial
- Transit

### FEATURES:

- Available with IP 65 rating,  
add -IP65 suffix (requires stainless steel  
lens frame & trim frame)
- Available in Stainless Steel construction
- Premium Driver with Dimming standard
- Type IC
- Every luminaire tested to assure  
customer satisfaction
- 5 year limited warranty

## SPECIFICATIONS

### HOUSING:

Constructed of nominal 20GA (.036) zinc coated steel for unmatched corrosion protection. Two welded, tapered, threaded flanges on the top provide a sealed wireway access. All seams are sealed with a long life acrylic sealant.

### REFLECTOR:

Fabricated of aluminum, painted with a minimum reflectance of 88%.

### LENS FRAME:

Exclusively designed, heavy duty, extruded, anodized aluminum with stainless steel captive screws used to hold the lens frame tight to the housing. The frame is hinged for support while servicing.

**Food Zone:** Lens frame and trim frame of stainless steel (S6 option std).

### GASKETING:

An extruded, ribbed vinyl gasket seals the lens into the frame; with our exclusive, mechanically held, extruded, silicone gasket used to seal the frame to the housing.

**Food Zone:** Silicone sealant is used to seal the lens into the frame, with extruded EPDM sealing the frame to the housing.

### FINISH:

Painted surfaces are two mil white polyester enamel, special colors available.

### LENS:

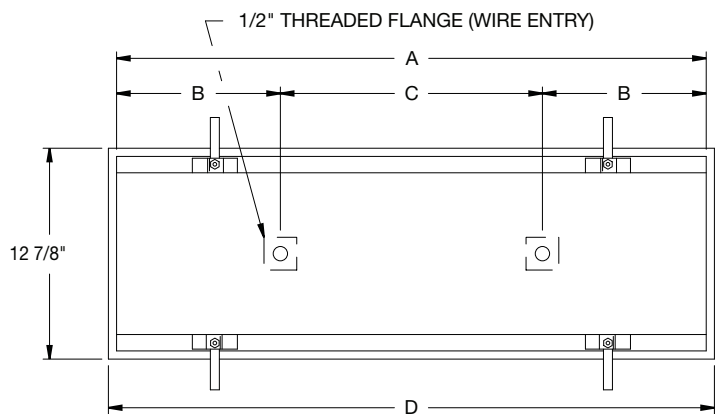
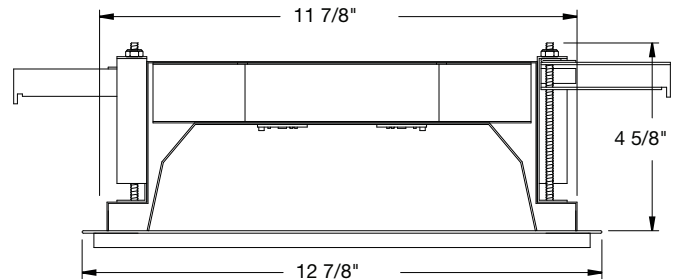
.125 StarFrost Acrylic with 50% DR content for durability, smooth side out.  
See Ordering Information for other high quality lens options.

### ELECTRICAL:

High efficiency LED/Driver combination delivers 160 Lumens/Watt raw array efficacy with 80+ CRI. 4000K color temperature is standard with options for 2700, 3000, 3500 and 5000K. 0-10V dimming comes standard with other control options available. THD <10%@120V, <15%@277V, PF> .95.

### MOUNTING:

Flange or custom detail available.

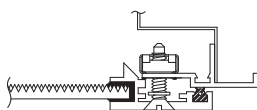


### CUT-OUT DIMENSIONS:

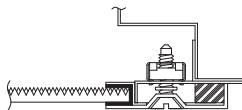
2FT: 12 1/8" x 24 1/4"  
4FT: 12 1/8" x 48 1/4"

LENGTH (ft)	WEIGHT (lbs)	DIMENSIONS IN INCHES			
		A	B	C	D
2	16	23 31/32	5 3/8	13 1/4	25
4	26	47 15/16	5	38	49 1/16
8	44	95 15/16	5	86	97

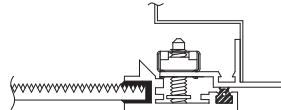
## LENS FRAME DETAILS



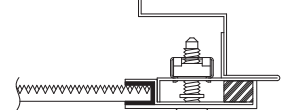
ALUMINUM  
LENS FRAME DETAIL



STAINLESS STEEL  
LENS FRAME DETAIL



SPLASH ZONE  
LENS FRAME DETAIL



FOOD ZONE  
LENS FRAME DETAIL

JL-DM-071823



# F1 Series

## PRODUCT CODE

## WET & SPLASH ZONE (NSF) LOCATIONS

SERIES	LENGTH	MOUNTING	VOLTAGE	CCT	CRI	LUMENS	FINISH	LENS	DIMMING	OPTIONS
<b>PMF1</b> Wet Location <b>PMSF1</b> Splash Zone (NSF)	<b>2</b> 2 FT. <b>4</b> 4 FT. <b>8</b> 8 FT.	<b>FM</b> Flange	<b>UNV</b> 120-277V	<b>27K</b> 2700K <b>3K</b> 3000K <b>35K</b> 3500K <b>4K</b> 4000K <b>5K</b> 5000K	<b>CRI83</b> 83 CRI <b>CRI90</b> 90 CRI		<b>PZ</b> Painted Zinc Steel Housing, Aluminum Lens Frame & Trim Frame <b>S2</b> Stainless Steel Housing, Aluminum Lens Frame & Trim Frame <b>S3</b> Stainless Steel Complete <b>S5</b> SS Lens Frame, Painted Zinc Steel Trim Frame & Housing <b>S6</b> SS Lens & Trim Frame, Painted Zinc Steel Housing <b>CC</b> Custom Color	<b>L3</b> .125 White Acrylic <b>LH3</b> .150 Extra Heavy White Acrylic <b>L4</b> .140 Prismatic Acrylic (P12) <b>L5</b> .125 StarFrost Acrylic (base) <b>L7</b> .125 White Polycarbonate <b>L8</b> .156 Prismatic Polycarbonate (P12) <b>L9</b> .187 Tempered Glass (P62) <b>LJ4</b> .020 White Acrylic Overlay (Array Side)	<b>LD</b> Dimming 0-10V	<b>BBU</b> 10W Battery Backup, Integral <b>BBU1</b> 12W Battery Backup, Integral <b>BBUR2</b> 20W Battery Backup, Remote <b>F1</b> GLR/HLR Fusing (Fast) <b>F2</b> GMF/HLR Fusing (Slow) <b>IP65</b> IP Rated (Requires S6 Option) <b>P11</b> Guardcraft® Antimicrobial Coating <b>T3</b> Tamper Resistant (Hex w/pin or other) <b>V0</b> No Silicone Sealant Used <b>V1</b> External Gasketing
						<b>2 FT</b> <b>19L</b> 1850 lm (14W) <b>37L</b> 3700 lm (28W) <b>4 FT</b> <b>37L</b> 3699 lm (28W) <b>74L</b> 7398 lm (56W) <b>8 FT</b> <b>74L</b> 7398 lm (56W) <b>148L</b> 14796 lm (112W)				

2 = Only Available with Painted Zinc Steel Housing

4 = N/A Splash Zone

6 = The 20W Battery Backup Remote powers a minimum of 3 arrays and must be mounted on the outside of the fixture or in a remote dry/damp location. Maximum mounting height to comply with Egress Path Illumination levels is 17 feet.

## PRODUCT CODE

## FOOD ZONE (NSF) LOCATION

SERIES	LENGTH	MOUNTING	VOLTAGE	CCT	CRI	LUMENS	FINISH	LENS	DIMMING	OPTIONS
<b>PMFF1</b> Food Zone (NSF)	<b>2</b> 2 FT. <b>4</b> 4 FT. <b>8</b> 8 FT.	<b>FM</b> Flange	<b>UNV</b> 120-277V	<b>27K</b> 2700K <b>3K</b> 3000K <b>35K</b> 3500K <b>4K</b> 4000K <b>5K</b> 5000K	<b>CRI83</b> 83 CRI <b>CRI90</b> 90 CRI		<b>S3</b> Stainless Steel Complete <b>S6</b> SS Lens & Trim Frame, Painted Zinc Steel Housing	<b>L4</b> .140 Prismatic Acrylic (P12) <b>L5</b> .125 StarFrost Acrylic (base) <b>L9</b> .187 Tempered Glass (P62)	<b>LD</b> Dimming 0-10V	<b>BBU</b> 10W Battery Backup, Integral <b>BBU1</b> 12W Battery Backup, Integral <b>BBUR2</b> 20W Battery Backup, Remote <b>F1</b> GLR/HLR Fusing (Fast) <b>F2</b> GMF/HLR Fusing (Slow) <b>P11</b> Guardcraft® Antimicrobial Coating <b>V0</b> No Silicone Sealant Used <b>V1</b> External Gasketing
						<b>2 FT</b> <b>19L</b> 1850 lm (14W) <b>37L</b> 3700 lm (28W) <b>4 FT</b> <b>37L</b> 3699 lm (28W) <b>74L</b> 7398 lm (56W) <b>8 FT</b> <b>74L</b> 7398 lm (56W) <b>148L</b> 14796 lm (112W)				

2 = Only Available with Painted Zinc Steel Housing

6 = The 20W Battery Backup Remote powers a minimum of 3 arrays and must be mounted on the outside of the fixture or in a remote dry/damp location. Maximum mounting height to comply with Egress Path Illumination levels is 17 feet.

**NSF Food Processing Note:** Food Zone (PMF prefix) luminaires come in DIRECT CONTACT with food. Splash Zone (PMS prefix) units may become soiled, but are outside the danger of recontamination.

**SS NOTE:** If Stainless Steel is ordered, 304 SS Standard, 316 SS and other materials available, consult agent. Additional information regarding applications and proper Stainless Steel selection found in technical section of web site.

**LUMEN OUTPUT:** All listed lumen values are nominal. Lens transmission and fixture efficiency affect overall lumens.

**NOT SUITABLE FOR T-BAR GRID CEILINGS**

**NOT ALL COMBINATIONS POSSIBLE**

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