

## F4 Series

Rear Access | Flange Mount

## Flange Techniseal Troffer



### 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:

- Rear Access
- 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 (0.036) 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.

#### FINISH:

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

#### LENS:

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

#### 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).

#### REFLECTOR:

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

#### 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.

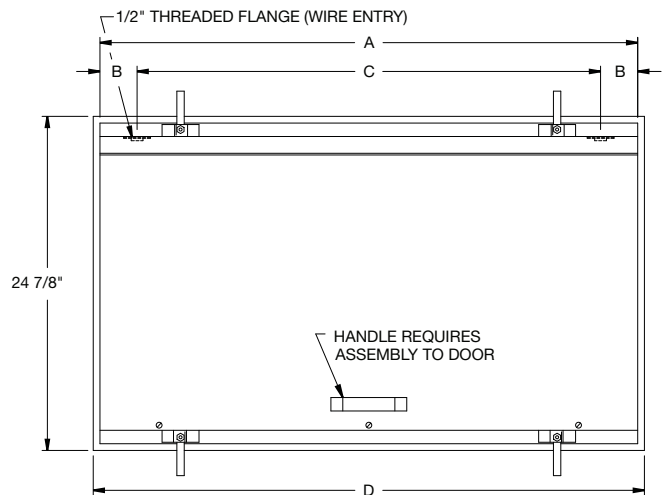
#### ELECTRICAL:

High efficiency LED/Driver combination delivers 160 Lumens/Watt raw array efficacy with 80+ CRI. 4000K color temperature is standard with options for 2700K, 3000K, 3500K, and 5000K. 0-10V dimming comes standard with other control options available. THD <10%@120V, <15%@277V, PF> 0.95.

#### MOUNTING:

Recessed flange mounting only. Not suitable for T-Bar grid ceilings or surface mounting.

### REAR ACCESS DESIGN

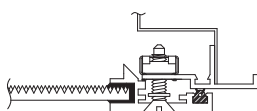


### CEILING CUT-OUT DIMENSIONS:

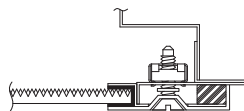
2FT: 24 1/4" x 24 1/4"  
4FT: 24 1/4" x 48 1/4"

LENGTH (ft)	WEIGHT (lbs)	DIMENSIONS IN INCHES			
		A	B	C	D
2	26	23 29/32	1 15/16	20	24 7/8
4	46	47 15/16	2	44	49 1/16

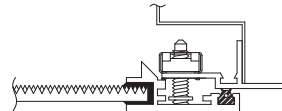
### LENS FRAME DETAILS



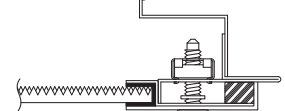
ALUMINUM  
LENS FRAME DETAIL



STAINLESS STEEL  
LENS FRAME DETAIL



SPLASH ZONE  
LENS FRAME DETAIL



FOOD ZONE  
LENS FRAME DETAIL

JL-TD-040324

Due to continuous development and improvements, specifications are subject to change without notice.

# F4 Series — Wet & NSF Splash Zone Locations

## PRODUCT ORDERING CODE

SERIES	LENGTH	MOUNTING	VOLTAGE	CCT	CRI	LUMENS	FINISH	LENS	DIMMING	OPTIONS
<b>PMF4</b> Wet Location <b>PMSF4</b> NSF Splash Zone <sup>1</sup>	<b>2</b> 2 FT <b>4</b> 4 FT	<b>FM</b> Flange Mount	<b>UNV</b> 120 - 277 VAC	<b>27K</b> 2700K <sup>3</sup> <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> Stainless Steel Lens Frame, Painted Zinc Steel Trim Frame & Housing <b>S6</b> Stainless Steel Lens & Trim Frame, Painted Zinc Steel Housing	<b>LD</b> Dimming 0-10V		
						<b>2 FT</b> <b>4 FT</b>		<b>L3</b> 0.125 White Acrylic (Cell Cast) <b>LH3</b> 0.150 Extra Heavy White Acrylic <b>L4</b> 0.140 50% DR Ext. Prismatic Acrylic (P20) <b>L5</b> 0.118 StarFrost® Acrylic (base) <b>L7</b> 0.125 White Polycarbonate <b>L8</b> 0.156 Prismatic Polycarbonate (P12) <b>L9</b> 0.187 Tempered Glass (P62) <sup>4</sup> <b>LJ4</b> 0.020 White Acrylic Overlay (Array Side)		
						<b>17L</b> 1720 lm (14W) <b>35L</b> 3521 lm (28W) <b>53L</b> 5282 lm (42W) <b>70L</b> 7042 lm (56W) <b>38L</b> 3779 lm (28W) <b>76L</b> 7558 lm (56W) <b>113L</b> 11337 lm (84W) <b>151L</b> 15116 lm (112W)		<b>BBU</b> 10W Battery Backup, Integral <b>BBU1</b> 12W Battery Backup, Integral <b>BBUR2</b> 20W Battery Backup, Remote <sup>5</sup> <b>F1</b> GLR/HLR Fusing (Fast) <b>F2</b> GMF/HLR Fusing (Slow) <b>P11</b> Guardcraft® Antimicrobial Coating <sup>6</sup> <b>T3</b> Tamper Resistant (Hex w/pin or other) <b>V1</b> External Gasketing		

Selection must  
match the  
selected length

### Footnotes:

<sup>1</sup> NSF Splash Zone luminaires (PMS prefix) may become soiled, but are outside the danger of recontamination

<sup>3</sup> Only 90 CRI

<sup>4</sup> Only Available with Stainless Steel Lens Frame

<sup>5</sup> The 20W Battery Backup Remote powers a minimum of 3 luminaires and must be mounted on the outside of the luminaire or in a remote dry/damp location.

<sup>6</sup> Only Available with White Painted Zinc Steel Finish

## F4 Series — NSF Food Zone Location

### PRODUCT ORDERING CODE

SERIES	LENGTH	MOUNTING	VOLTAGE	CCT	CRI	LUMENS	FINISH	LENS	DIMMING	OPTIONS
<b>PMFF4</b>		<b>FM</b>	<b>UNV</b>						<b>LD</b>	
<b>PMFF4</b> NSF Food Zone <sup>2</sup>			<b>UNV</b> 120 - 277 VAC		<b>CRI83</b> 83 CRI <b>CRI90</b> 90 CRI				<b>LD</b> Dimming 0-10V	
	<b>2</b> 2 FT <b>4</b> 4 FT			<b>27K</b> 2700K <sup>3</sup> <b>3K</b> 3000K <b>35K</b> 3500K <b>4K</b> 4000K <b>5K</b> 5000K			<b>S3</b> Stainless Steel Complete <b>S6</b> Stainless Steel Lens & Trim Frame, Painted Zinc Steel Housing			
		<b>FM</b> Flange Mount						<b>L4</b> 0.140 50% DR Ext. Prismatic Acrylic (P20) <b>L5</b> 0.118 StarFrost® Acrylic (base) <b>L9</b> 0.187 Tempered Glass (P62) <sup>4</sup>		
						<b>2 FT</b> <b>17L</b> 1720 lm (14W) <b>35L</b> 3521 lm (28W) <b>53L</b> 5282 lm (42W) <b>70L</b> 7042 lm (56W) <b>4 FT</b> <b>38L</b> 3779 lm (28W) <b>76L</b> 7558 lm (56W) <b>113L</b> 11337 lm (84W) <b>151L</b> 15116 lm (112W)			<b>BBU</b> 10W Battery Backup, Integral <b>BBU1</b> 12W Battery Backup, Integral <b>BBUR2</b> 20W Battery Backup, Remote <sup>5</sup> <b>F1</b> GLR/HLR Fusing (Fast) <b>F2</b> GMF/HLR Fusing (Slow) <b>P11</b> Guardcraft® Antimicrobial Coating <sup>6</sup> <b>V1</b> External Gasketing	
						Selection must match the selected length				

Footnotes:

<sup>2</sup> NSF Food Zone luminaires (PMF prefix) come in DIRECT CONTACT with food

<sup>3</sup> Only 90 CRI

<sup>4</sup> Only Available with Stainless Steel Lens Frame

<sup>5</sup> The 20W Battery Backup Remote powers a minimum of 3 luminaires and must be mounted on the outside of the luminaire or in a remote dry/damp location.

<sup>6</sup> Only Available with White Painted Zinc Steel Finish