

## C8 Series

**Craft Lite®**

### Extreme Series | Surface Mount



Food Processing:



Hazardous Location:



#### APPLICATIONS:

- ETL/cETL Listed Wet Location
- ETL/cETL Hazardous Location (Class I, Division 2; Groups A,B,C & D Class II, Division 2; Groups F & G)
- NSF Certified Food Processing (Splash Zone, Food Zone)
- Industrial & Commercial
- Transit

#### FEATURES:

- Tested to LM79, LM80
- L70 is >54,000 hours
- Square version available
- Available in Stainless Steel construction
- Premium Driver with Dimming standard
- Every luminaire tested to assure customer satisfaction
- 5-Year limited warranty

### SPECIFICATIONS

#### HOUSING:

Constructed of 20GA (0.036 inch) zinc coated steel for unmatched corrosion protection. Featuring a double channel, one welded inside the other, with space between the channel sides to capture the diffuser. Threaded hubs are continuously welded into the channel ends providing a sealed wireway access. Removable plugs seal the hubs when not utilized.

**Food Zone:** All external metal components of stainless steel (S4 Finish Standard).

#### OPTIONAL PREMIUM MATERIALS:

S4 - All metal components of 304 stainless steel.

#### FINISH:

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

#### LENS:

0.125 inch StarFrost® Acrylic with 50% DR content for durability, smooth side out. See ordering information for other high quality acrylic and polycarbonate lens options. A two piece lens with center joiner band is available.

#### END CAPS:

Die formed of 18GA (0.048 inch) stainless steel. A threaded, knurled ring secures the end cap to the luminaire housing. End caps secure lens.

#### GASKETING:

EPDM is used in the housing channels and end caps.

#### 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:

Surface, chain, or pendant options available for covered ceiling installations. Continuous row luminaires manufactured with aligning pins and utilize joiner bands. For further information, contact Sales Representative.

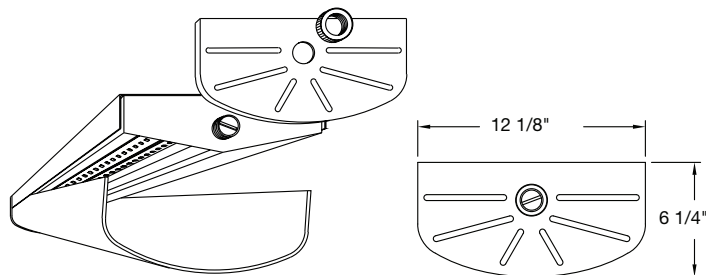
**Splash and Food Zone:** Surface or continuous row for covered ceiling installations only.

#### TEMPERATURE CODE:

Class I, Div. 2 = T4A (120 °C); Class II, Div. 2 = T6 (85 °C)

(No luminaire surface exposed to the hazardous atmosphere will exceed this temperature. Based on 40 °C (104 °F) ambient.)

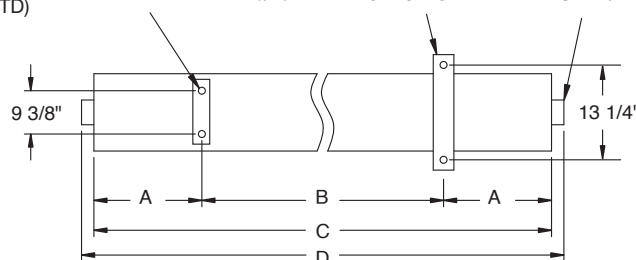
Temperature Range: -20 to 35 °C (-4 to 95 °F)



1/8" x 1" BAR  
WELDED TO HOUSING  
W/ 9/32" DIA. MTG. HOLES (STD)

OPTIONAL MTG STRAP W/  
5/16" DIA. MTG. HOLES

3/4" THREADED  
HUB W/ PLUG

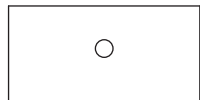
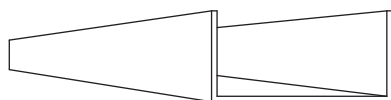


1/2" THREADED FLANGE (OPTIONAL, WET LOC.)

LENGTH (ft)	WEIGHT (lbs)	DIMENSIONS IN INCHES			
		A	B	C	D
1	9	2 3/32	10	14 3/16	15 5/16
2	17	4 19/32	16	25 3/16	26 5/16
3	22	10 1/8	16	36 1/4	37 3/8
4	27	7 5/8	32	47 1/4	48 3/8
5	34	13 1/8	32	58 1/4	59 3/8
6	38	10 5/8	48	69 1/4	70 3/8
7	44	8 5/32	64	80 5/16	81 7/16
8	50	13 21/32	64	91 5/16	92 7/16

### FEATURES | OPTIONS

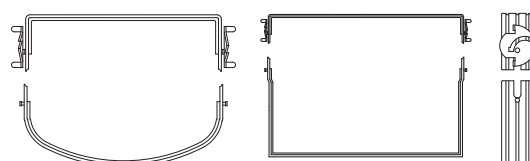
#### SQUARE POLYCARBONATE LENS AND END CAP



#### SQUARE LENS MODELS AVAILABLE

L9W = White Square Polycarbonate  
L9P = Prismatic Square Polycarbonate

#### C8 JOINER BAND



JL-TD-040424

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

**PRODUCT ORDERING CODE**

JL-TD-040424

## C8 Series — NSF Food Zone Location

### PRODUCT ORDERING CODE

SERIES	LENGTH	MOUNTING	VOLTAGE	CCT	CRI	LUMENS	FINISH	LENS	DIMMING	OPTIONS
PMFC8		SF	UNV				S4		LD	
PMFC8 NSF Food Zone <sup>2</sup>			UNV 120 - 277 VAC		CRI83 83 CRI CRI90 90 CRI		S4 Stainless Steel <sup>3</sup>		LD Dimming 0-10V	
	1 1 FT			27K 2700K <sup>4</sup>						
	2 2 FT			3K 3000K						
	3 3 FT			35K 3500K						
	4 4 FT			4K 4000K						
	5 5 FT			5K 5000K						
	6 6 FT									
	7 7 FT									
	8 8 FT									
		SF Surface Mount <sup>3</sup>						L4 0.140 50% DR Extruded Prismatic Acrylic (P20) L5 0.125 StarFrost® Acrylic (base)		
	1 FT					23L 2325 lm (20W) 47L 4650 lm (40W)			BBU 10W Battery Backup, Integral BBU1 12W Battery Backup, Integral	
	2 FT					47L 4650 lm (40W) 93L 9299 lm (80W)			BBUR2 20W Battery Backup, Remote <sup>6</sup> F1 GLR/HLR Fusing (Fast)	
	3 FT					70L 6974 lm (60W) 140L 13949 lm (120W)			F2 GMF/HLR Fusing (Slow) T7 Hub Cap (Replaces Ring & Plug)	
	4 FT					93L 9299 lm (80W) 186L 18598 lm (160W)			W5 Rear Wire Entry <sup>5</sup>	
	5 FT					116L 11624 lm (100W) 232L 23248 lm (200W)				
	6 FT					139L 13949 lm (120W) 279L 27897 lm (240W)				
	7 FT					163L 16273 lm (140W) 325L 32547 lm (280W)				
	8 FT					186L 18598 lm (160W) 372L 37196 lm (320W)				

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> Required for 3G rating

<sup>4</sup> Only 90 CRI

<sup>5</sup> Consult Factory

<sup>6</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

# C8 Series — Hazardous Location

## PRODUCT ORDERING CODE

SERIES	LENGTH	MOUNTING	VOLTAGE	CCT	CRI	LUMENS	FINISH	LENS	DIMMING	OPTIONS
<b>PMHC8</b>			<b>UNV</b>						<b>LD</b>	
<b>PMHC8</b> Hazardous			<b>UNV</b> 120 - 277 VAC		<b>CRI83</b> 83 CRI <b>CRI90</b> 90 CRI				<b>LD</b> Dimming 0-10V	
	<b>1</b> 1 FT <b>2</b> 2 FT <b>3</b> 3 FT <b>4</b> 4 FT <b>5</b> 5 FT <b>6</b> 6 FT <b>7</b> 7 FT <b>8</b> 8 FT	<b>SF</b> Surface Mount <sup>3</sup> Surface Mount with <b>SC</b> Bracket (for chain* mount or standoff) <b>PM</b> Pendant** Mount  *Requires third-party hardware **Requires third-party mounting stem and hardware and S4 Option		<b>27K</b> 2700K <sup>4</sup> <b>3K</b> 3000K <b>35K</b> 3500K <b>4K</b> 4000K <b>5K</b> 5000K			<b>PZ</b> White Painted Zinc Steel <b>S4</b> Stainless Steel <sup>3</sup>	<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> .0125 StarFrost® Acrylic (base) <b>L7</b> 0.125 White Polycarbonate <b>L8</b> 0.156 Prismatic Polycarbonate (P12) <b>L9W</b> White Square Polycarbonate <b>L9P</b> Prismatic Square Polycarbonate		
						<b>1 FT</b> <b>23L</b> 2325 lm (20W) <b>47L</b> 4650 lm (40W) <b>2 FT</b> <b>47L</b> 4650 lm (40W) <b>93L</b> 9299 lm (80W) <b>3 FT</b> <b>70L</b> 6974 lm (60W) <b>140L</b> 13949 lm (120W) <b>4 FT</b> <b>93L</b> 9299 lm (80W) <b>186L</b> 18598 lm (160W) <b>5 FT</b> <b>116L</b> 11624 lm (100W) <b>232L</b> 23248 lm (200W) <b>6 FT</b> <b>139L</b> 13949 lm (120W) <b>279L</b> 27897 lm (240W) <b>7 FT</b> <b>163L</b> 16273 lm (140W) <b>325L</b> 32547 lm (280W) <b>8 FT</b> <b>186L</b> 18598 lm (160W) <b>372L</b> 37196 lm (320W)				<b>F1</b> GLR/HLR Fusing (Fast) <b>F2</b> GMF/HLR Fusing (Slow) <b>M3C</b> In-Row Center <sup>7</sup> <b>M3E</b> In-Row End <sup>7</sup> <b>J8</b> Wire Guard <sup>8</sup> <b>P11</b> Guardcraft® Antimicrobial Coating <sup>9</sup> <b>T3</b> Tamper Resistant (Hex w/pin or other) <sup>3</sup> <b>T6</b> Screw-on End Caps (Requires W5) <b>T7</b> Hub Cap (Replaces Ring & Plug) <b>W5</b> Rear Wire Entry*** <sup>5</sup>

### Footnotes:

<sup>3</sup> Required for 3G rating

<sup>4</sup> Only 90 CRI

<sup>5</sup> Consult Factory

<sup>7</sup> Refer to In-Row Construction drawing below to determine necessary center & end units. Every In-Row luminaire must include two ends (M3E), one or more centers (M3C) and joiner bands (drawing details pg. 1)

<sup>8</sup> Is not available for NSF Splash and Food Zones

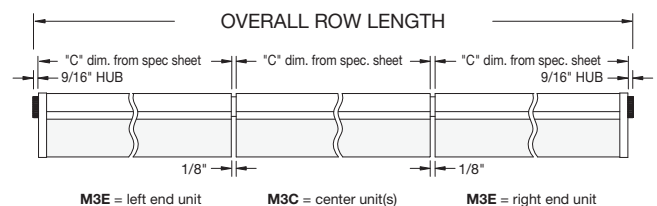
<sup>9</sup> Only Available with White Painted Zinc Steel Finish

Selection must  
match the  
selected length

\*\*\* Requires S4 Option

(Battery Backup NOT Available  
for Hazardous Location)

## IN-ROW CONSTRUCTION



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

**INDIVIDUAL UNITS STANDARD**

**NOT ALL COMBINATIONS POSSIBLE**

JL-TD-040424

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