

## C8 Series

**Craft Lite®**

### Extreme Series | Surface Mount



Food Processing:



Hazardous Location:



Made in USA with domestic & globally sourced components

#### 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.

#### 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.

#### 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.

#### 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.

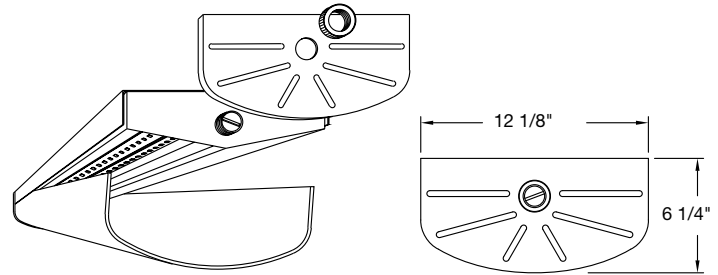
**Splash and Food Zone:** Surface or continuous row for covered ceiling installations only.

#### 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.)

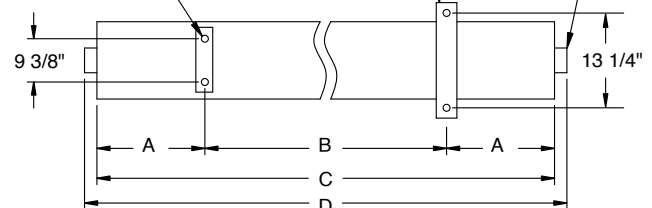
Temperature Range: -20 to 35 °C (-4 to 95 °F)



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

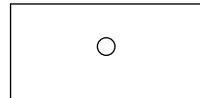
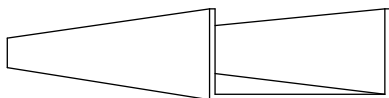


1/2" THREADED FLANGE (OPTIONAL, WET LOC.)

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

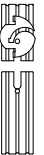
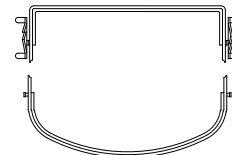
#### SQUARE POLYCARBONATE LENS AND END CAP



#### SQUARE LENS MODELS AVAILABLE

L9W = White Square Polycarbonate  
L9P = Prismatic Square Polycarbonate

#### C8 JOINER BAND



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Due to continuous development and improvements, specifications are subject to change without notice. Paramount reserves the right to change lab test details or specifications without notice.  
Product use certifies agreement to Paramount terms and conditions.

# C8 Series — Wet & NSF Splash Zone Locations

## PRODUCT ORDERING CODE

SERIES	LENGTH	MOUNTING	VOLTAGE	CCT	CRI	LUMENS	FINISH	LENS	DIMMING	OPTIONS
			UNV						LD	
PMSC8 Wet Location			UNV 120 - 277 VAC		CRI83 83 CRI				LD Dimming 0-10V	
PMSC8 NSF Splash Zone <sup>1</sup>					CRI90 90 CRI					
	1 1 FT			27K 2700K			PZ White Painted Zinc Steel			
	2 2 FT			3K 3000K			S4 Stainless Steel			
	3 3 FT			35K 3500K			CC Custom Color			
	4 4 FT			4K 4000K			S1 Special Material <sup>4</sup>			
	5 5 FT			5K 5000K						
	6 6 FT									
	7 7 FT									
	8 8 FT									
		MS1 Marine Straps Zinc						L3 0.125 White Acrylic (Cell Cast)		
		MS2 Marine Straps Stainless						LH3 0.150 Extra Heavy White Acrylic		
		CM Cable* Mount						L4 0.140 50% DR Ext. Prismatic Acrylic (P20)		
		PM Pendant** Mount						L5 0.125 StarFrost® Acrylic (base)		
		SF Surface Mount						L7 <sup>5</sup> 0.125 White Polycarbonate		
		SC Surface Mount with Bracket (for chain* mount or standoff)						L8 0.156 Prismatic Polycarbonate (P12)		
		*Requires third-party hardware						L9W White Square Polycarbonate		
		**Requires third-party mounting stem and hardware						L9P Prismatic Square Polycarbonate		
	1 FT					23L 2325 lm (20W)				BBU 10W Battery Backup, Integral
						47L 4650 lm (40W)				BBU1 12W Battery Backup, Integral
	2 FT					47L 4650 lm (40W)				BBUR2 20W Battery Backup, Remote <sup>6</sup>
						93L 9299 lm (80W)				F1 GLR/HLR Fusing (Fast)
	3 FT					70L 6974 lm (60W)				F2 GMF/HLR Fusing (Slow)
						140L 13949 lm (120W)				M3C In-Row Center <sup>7</sup>
	4 FT					93L 9299 lm (80W)				M3E In-Row End <sup>7</sup>
						186L 18598 lm (160W)				J8 Wire Guard <sup>5</sup>
	5 FT					116L 11624 lm (100W)				P11 Guardcraft® Antimicrobial Coating <sup>3</sup>
						232L 23248 lm (200W)				T3 Tamper Resistant (Hex w/pin or other)
	6 FT					139L 13949 lm (120W)				T6 Screw-on End Caps (Requires W5)
						279L 27897 lm (240W)				T7 Hub Cap (Replaces Ring & Plug)
	7 FT					163L 16273 lm (140W)				W5 Rear Wire Entry <sup>4</sup>
						325L 32547 lm (280W)				
	8 FT					186L 18598 lm (160W)				
						372L 37196 lm (320W)				

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 Available with White Painted Zinc Steel Finish
- <sup>4</sup> Consult Factory
- <sup>5</sup> Is not available for NSF Splash and Food Zones
- <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
- <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)

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# 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		LD Dimming 0-10V	
	1 1 FT 2 2 FT 3 3 FT 4 4 FT 5 5 FT 6 6 FT 7 7 FT 8 8 FT			27K 2700K 3K 3000K 35K 3500K 4K 4000K 5K 5000K						
		SF Surface Mount						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 BBUR2 20W Battery Backup, Remote <sup>6</sup> F1 GLR/HLR Fusing (Fast) F2 GMF/HLR Fusing (Slow) T7 Hub Cap (Replaces Ring & Plug) W5 Rear Wire Entry <sup>4</sup>
						2 FT 47L 4650 lm (40W) 93L 9299 lm (80W)				
						3 FT 70L 6974 lm (60W) 140L 13949 lm (120W)				
						4 FT 93L 9299 lm (80W) 186L 18598 lm (160W)				
						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>4</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

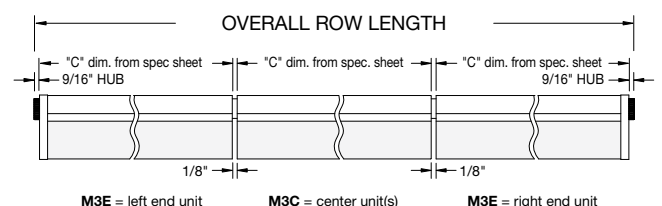
SERIES	LENGTH	MOUNTING	VOLTAGE	CCT	CRI	LUMENS	FINISH	LENS	DIMMING	OPTIONS
<b>PMHC8</b>			<b>UNV</b>						<b>LD</b>	
<b>PMHC8</b> Hazardous			<b>UNV</b> 120 - 277 VAC		<b>CRI83</b> 83 CRI <b>CRI90</b> 90 CRI				<b>LD</b> Dimming 0-10V	
	<b>1</b> 1 FT <b>2</b> 2 FT <b>3</b> 3 FT <b>4</b> 4 FT <b>5</b> 5 FT <b>6</b> 6 FT <b>7</b> 7 FT <b>8</b> 8 FT	<b>SF</b> Surface Mount <b>SC</b> Surface Mount with 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 <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 <b>CC</b> Custom Color <b>S1</b> Special Material <sup>4</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>2 FT</b> <b>3 FT</b> <b>4 FT</b> <b>5 FT</b> <b>6 FT</b> <b>7 FT</b> <b>8 FT</b>				<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>5</sup> <b>P11</b> Guardcraft® Antimicrobial Coating <sup>3</sup> <b>T3</b> Tamper Resistant (Hex w/pin or other) <b>T6</b> Screw-on End Caps (Requires W5) <b>T7</b> Hub Cap (Replaces Ring & Plug) <b>W5</b> Rear Wire Entry*** <sup>4</sup>
										***Requires S4 Option <b>(Battery Backup NOT Available for Hazardous Location)</b>

### Footnotes:

- <sup>3</sup> Only Available with White Painted Zinc Steel Finish  
<sup>4</sup> Consult Factory  
<sup>5</sup> Is not available for NSF Splash and Food Zones  
<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)

Selection must match the selected length

## 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**

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