

## C5 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 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:

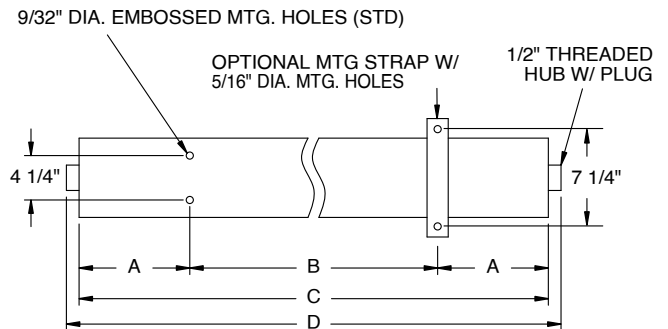
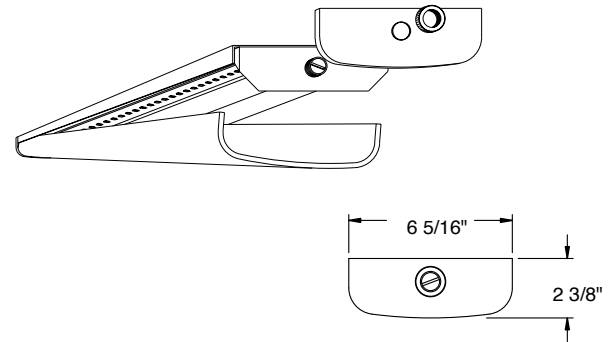
Surface, chain, or pendant options available for covered ceiling installations. Continuous row luminaires manufactured with aligning pins and utilize joiner bands. For further information, contact Sales Representative.

**Splash and Food Zone:** Surface 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.)

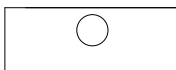


1/2" THREADED FLANGE (OPTIONAL, WET LOC.)

LENGTH (ft)	WEIGHT (lbs)	DIMENSIONS IN INCHES			
		A	B	C	D
1	4	2 3/32	10	14 3/16	15 5/16
2	7	4 19/32	16	25 3/16	26 5/16
3	9	10 1/8	16	36 1/4	37 3/8
4	12	7 5/8	32	47 1/4	48 3/8
5	13	13 1/8	32	58 1/4	59 3/8
6	14	10 5/8	48	69 1/4	70 3/8
7	15	8 5/32	64	80 5/16	81 7/16
8	17	13 21/32	64	91 5/16	92 7/16

### FEATURES | OPTIONS

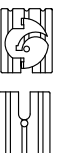
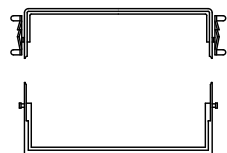
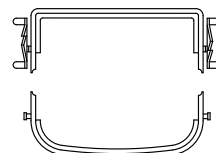
#### SQUARE POLYCARBONATE LENS AND END CAP



#### SQUARE LENS MODELS AVAILABLE

L9W = White Square Polycarbonate  
L9P = Prismatic Square Polycarbonate

#### C5 JOINER BANDS



JL-TD-91923

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

# C5 Series – Wet & NSF Splash Zone Locations

## PRODUCT ORDERING CODE

SERIES	LENGTH	MOUNTING	VOLTAGE	CCT	CRI	LUMENS	FINISH	LENS	DIMMING	OPTIONS
			UNV						LD	
PMCS Wet Location			UNV 120 - 277 VAC		CRI83 83 CRI				LD Dimming 0-10V	
PMSC5 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 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
						2 FT 47L 4650 lm (40W)				BBU1 12W Battery Backup, Integral
						3 FT 70L 6974 lm (60W)				BBUR2 20W Battery Backup, Remote <sup>6</sup>
						4 FT 93L 9299 lm (80W)				F1 GLR/HLR Fusing (Fast)
						5 FT 116L 11624 lm (100W)				F2 GMF/HLR Fusing (Slow)
						6 FT 140L 13949 lm (120W)				M3C In-Row Center <sup>7</sup>
						7 FT 163L 16273 lm (140W)				M3E In-Row End <sup>7</sup>
						8 FT 186L 18598 lm (160W)				J8 Wire Guard <sup>5</sup>
						Selection must match the selected length				P11 Guardcraft® Antimicrobial Coating <sup>3</sup>
										T3 Tamper Resistant (Hex w/pin or other)
										T6 Screw-on End Caps (Requires W5)
										T7 Hub Cap (Replaces Ring & Plug)
										W5 Rear Wire Entry <sup>4</sup>

### 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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## C5 Series – NSF Food Zone Location

### PRODUCT ORDERING CODE

SERIES	LENGTH	MOUNTING	VOLTAGE	CCT	CRI	LUMENS	FINISH	LENS	DIMMING	OPTIONS
<b>PMFC5</b>		<b>SF</b>	<b>UNV</b>						<b>LD</b>	
<b>PMFC5</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>1</b> 1 FT <b>2</b> 2 FT <b>3</b> 3 FT <b>4</b> 4 FT	<b>SF</b> Surface Mount		<b>27K</b> 2700K <b>3K</b> 3000K <b>35K</b> 3500K <b>4K</b> 4000K <b>5K</b> 5000K			<b>S4</b> Stainless Steel			
								<b>L4</b> 0.140 50% DR Extruded Prismatic Acrylic (P20) <b>L5</b> 0.125 StarFrost® Acrylic (base)		
						<b>1 FT</b> <b>23L</b> 2325 lm (20W) <b>2 FT</b> <b>47L</b> 4650 lm (40W) <b>3 FT</b> <b>70L</b> 6974 lm (60W) <b>4 FT</b> <b>93L</b> 9299 lm (80W)			<b>BBU</b> 10W Battery Backup, Integral <b>BBU1</b> 12W Battery Backup, Integral <b>BBUR2</b> 20W Battery Backup, Remote <sup>6</sup> <b>F1</b> GLR/HLR Fusing (Fast) <b>F2</b> GMF/HLR Fusing (Slow) <b>T7</b> Hub Cap (Replaces Ring & Plug) <b>W5</b> Rear Wire Entry <sup>4</sup>	
						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

# C5 Series — Hazardous Location

## PRODUCT ORDERING CODE

SERIES	LENGTH	MOUNTING	VOLTAGE	CCT	CRI	LUMENS	FINISH	LENS	DIMMING	OPTIONS
PMHC5			UNV						LD	
PMHC5 Hazardous			UNV 120 - 277 VAC		CRI83 83 CRI CRI90 90 CRI				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			PZ White Painted Zinc Steel S4 Stainless Steel CC Custom Color S1 Special Material <sup>4</sup>			
		SF Surface Mount SC Surface Mount with Bracket (for chain* mount or standoff) PM Pendant** Mount *Requires third-party hardware **Requires third-party mounting stem and hardware and S4 Option						L3 0.125 White Acrylic (Cell Cast) LH3 0.150 Extra Heavy White Acrylic L4 0.140 50% DR Ext. Prismatic Acrylic (P20) L5 0.125 StarFrost® Acrylic (base) L7 0.125 White Polycarbonate L8 0.156 Prismatic Polycarbonate (P12) L9W White Square Polycarbonate L9P Prismatic Square Polycarbonate		
						1 FT 23L 2325 lm (20W) 2 FT 47L 4650 lm (40W) 3 FT 70L 6974 lm (60W) 4 FT 93L 9299 lm (80W) 5 FT 116L 11624 lm (100W) 6 FT 140L 13949 lm (120W) 7 FT 163L 16273 lm (140W) 8 FT 186L 18598 lm (160W)				F1 GLR/HLR Fusing (Fast) F2 GMF/HLR Fusing (Slow) M3C In-Row Center <sup>7</sup> M3E In-Row End <sup>7</sup> J8 Wire Guard <sup>5</sup> P11 Guardcraft® Antimicrobial Coating <sup>3</sup> T3 Tamper Resistant (Hex w/pin or other) T6 Screw-on End Caps (Requires W5) T7 Hub Cap (Replaces Ring & Plug) W5 Rear Wire Entry*** <sup>4</sup>

**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

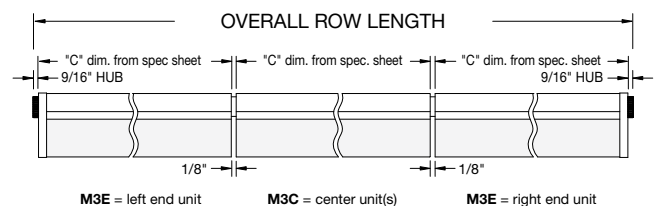
In-Row luminaire must include two ends (M3E), one or more centers (M3C) and joiner bands (drawing details pg. 1)

Selection must match the selected length

\*\*\*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**

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