PARAMOUNT INDUSTRIAL LIGHTING

C8 Series

Craft Lite®

Extreme Series | Surface Mount

Food Processing: NSF

Hazardous Location: c ETL us Intertek

MADE IN AMERICA

APPLICATIONS:

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

FEATURES:

- IP 65 rating, (N/A In-Row)
- Tested to LM79, LM80
- L70 is >60,000 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.

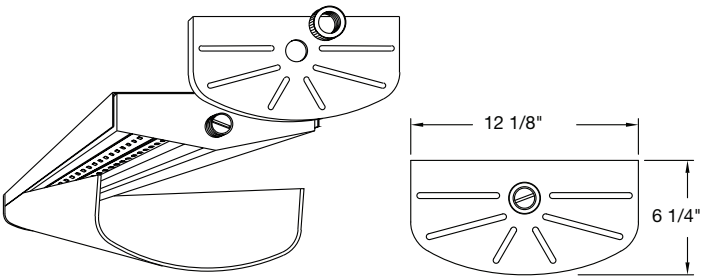
MOUNTING:
Surface, chain, or pendant options available for covered ceiling installations. Continuous row luminaires manufactured with aligning pins and utilize joiner bands. For further information, contact Sales Representative.

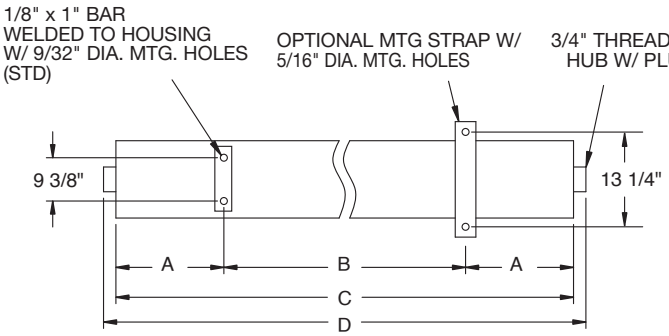
Splash and Food Zone: Surface or continuous row for covered ceiling installations only.

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)



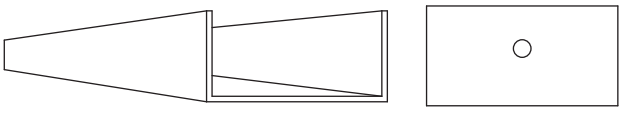


1/2" THREADED FLANGE (OPTIONAL, WET LOC.)

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

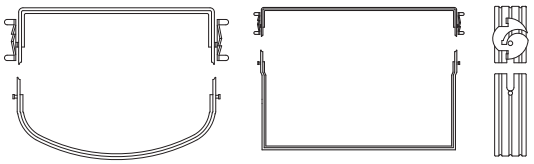
FEATURES | OPTIONS

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 INDUSTRIAL LIGHTING

Date:	Approved:
Type:	
Luminaire:	
Project:	

C8 Series — Wet & NSF Splash Zone Locations

PRODUCT ORDERING CODE

SERIES	LENGTH	MOUNTING	VOLTAGE	CCT	CRI	LUMENS	FINISH	LENS	DIMMING	OPTIONS
			UNV						LD	

SERIES

- **PMC8** Wet Location
- **PMSC8** NSF Splash Zone [1]

LENGTH

- **1** 1 FT
- **2** 2 FT
- **3** 3 FT
- **4** 4 FT
- **5** 5 FT
- **6** 6 FT
- **7** 7 FT
- **8** 8 FT

MOUNTING

- **MS1** Marine Straps Zinc
- **MS2** Marine Straps Stainless
- **CM** Cable* Mount
- **PM** Pendant** Mount
- **SF** Surface Mount [3]
- **SC** Surface Mount with Bracket (for chain* mount or standoff)

*Requires third-party hardware
**Requires third-party mounting stem and hardware

VOLTAGE

- **UNV** 120 - 277 VAC

CCT

- **27K** 2700K [4]
- **3K** 3000K
- **35K** 3500K
- **4K** 4000K
- **5K** 5000K

CRI

- **CRI83** 83 CRI
- **CRI90** 90 CRI

LUMENS

Selection must match the selected length	Lumens (Nominal)
1 FT	**23L** 2300 lm (19W)
	47L 4700 lm (37W)
2 FT	**47L** 4700 lm (37W)
	93L 9300 lm (72W)
3 FT	**70L** 7000 lm (53W)
	140L 14000 lm (107W)
4 FT	**93L** 9300 lm (72W)
	186L 18600 lm (139W)
5 FT	**116L** 11600 lm (88W)
	232L 23200 lm (176W)
6 FT	**139L** 13900 lm (107W)
	279L 27900 lm (213W)
7 FT	**163L** 16300 lm (125W)
	325L 32500 lm (250W)
8 FT	**186L** 18600 lm (139W)
	372L 37200 lm (285W)

FINISH

- **PZ** White Painted Zinc Steel
- **S4** Stainless Steel [3]

LENS

- **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

DIMMING

- **LD** Dimming 0-10V

OPTIONS

- **BBU** 10W Battery Backup, Integral [11]
- **BBU1** 12W Battery Backup, Integral [11]
- **BBUR2** 20W Battery Backup, Remote [6]
- **F1** GLR/HLR Fusing (Fast)
- **F2** GMF/HLR Fusing (Slow)
- **M3C** In-Row Center [7]
- **M3E** In-Row End [7]
- **J8** Wire Guard [8]
- **P11** Guardcraft® Antimicrobial Coating [9]
- **T3** Tamper Resistant (Hex w/pin or other) [3]
- **T6** Screw-on End Caps (Requires W5)
- **T7** Hub Cap (Replaces Ring & Plug)
- **W5** Rear Wire Entry [5]

Footnotes:

[1] NSF Splash Zone luminaires (PMS prefix) may become soiled, but are outside the danger of recontamination
[3] Required for 3G rating
[4] Only 90 CRI
[5] Consult Factory
[6] 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
[7] 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)
[8] Is not available for NSF Splash and Food Zones
[9] Only available with White Painted Zinc Steel Finish
[11] Not available on 1 FT lengths

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PARAMOUNT INDUSTRIAL LIGHTING

Date:	Approved:
Type:	
Luminaire:	
Project:	

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	

SERIES
- **PMFC8** NSF Food Zone [2]

LENGTH
- **1** 1 FT
- **2** 2 FT
- **3** 3 FT
- **4** 4 FT
- **5** 5 FT
- **6** 6 FT
- **7** 7 FT
- **8** 8 FT

MOUNTING
- **SF** Surface Mount [3]

VOLTAGE
- **UNV** 120 - 277 VAC

CCT
- **27K** 2700K [4]
- **3K** 3000K
- **35K** 3500K
- **4K** 4000K
- **5K** 5000K

CRI
- **CRI83** 83 CRI
- **CRI90** 90 CRI

LUMENS

Selection must match the selected length	Lumens (Nominal)
1 FT	**23L** 2300 lm (19W)
	47L 4700 lm (37W)
2 FT	**47L** 4700 lm (37W)
	93L 9300 lm (72W)
3 FT	**70L** 7000 lm (53W)
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4 FT	**93L** 9300 lm (72W)
	186L 18600 lm (139W)
5 FT	**116L** 11600 lm (88W)
	232L 23200 lm (176W)
6 FT	**139L** 13900 lm (107W)
	279L 27900 lm (213W)
7 FT	**163L** 16300 lm (125W)
	325L 32500 lm (250W)
8 FT	**186L** 18600 lm (139W)
	372L 37200 lm (285W)

FINISH
- **S4** Stainless Steel [3]

LENS
- **L4** 0.140 50% DR Extruded Prismatic Acrylic (P20)
- **L5** 0.125 StarFrost® Acrylic (base)

DIMMING
- **LD** Dimming 0-10V

OPTIONS
- **BBU** 10W Battery Backup, Integral [11]
- **BBU1** 12W Battery Backup, Integral [11]
- **BBUR2** 20W Battery Backup, Remote [6]
- **F1** GLR/HLR Fusing (Fast)
- **F2** GMF/HLR Fusing (Slow)
- **T7** Hub Cap (Replaces Ring & Plug)
- **W5** Rear Wire Entry [5]

Footnotes:
[2] NSF Food Zone luminaires (PMF prefix) come in DIRECT CONTACT with food
[3] Required for 3G rating
[4] Only 90 CRI
[5] Consult Factory
[6] 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
[11] Not available on 1 FT lengths

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Date:	Approved:
Type:	
Luminaire:	
Project:	

C8 Series — Hazardous Location

PRODUCT ORDERING CODE

SERIES	LENGTH	MOUNTING	VOLTAGE	CCT	CRI	LUMENS	FINISH	LENS	DIMMING	OPTIONS
PMHC8			UNV						LD	

SERIES
- **PMHC8** Hazardous

LENGTH
- **1** 1 FT
- **2** 2 FT
- **3** 3 FT
- **4** 4 FT
- **5** 5 FT
- **6** 6 FT
- **7** 7 FT
- **8** 8 FT

MOUNTING
- **MS1** Marine Straps Zinc
- **MS2** Marine Straps Stainless
- **PM** Pendant** Mount
- **SF** Surface Mount [3]
- **SC** Surface Mount with Bracket (for chain* mount or standoff)

*Requires third-party hardware
**Requires third-party mounting stem and hardware and S4 Option

VOLTAGE
- **UNV** 120 - 277 VAC

CCT
- **27K** 2700K [4]
- **3K** 3000K
- **35K** 3500K
- **4K** 4000K
- **5K** 5000K

CRI
- **CRI83** 83 CRI
- **CRI90** 90 CRI

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- **L7** 0.125 White Polycarbonate
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- **L9W** White Square Polycarbonate
- **L9P** Prismatic Square Polycarbonate

DIMMING
- **LD** Dimming 0-10V

OPTIONS
- **F1** GLR/HLR Fusing (Fast)
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- **M3C** In-Row Center [7]
- **M3E** In-Row End [7]
- **J8** Wire Guard [8]
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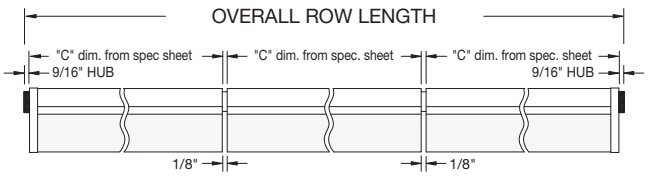
- **T3** Tamper Resistant (Hex w/pin or other) [3]
- **T6** Screw-on End Caps (Requires W5)
- **T7** Hub Cap (Replaces Ring & Plug)
- **W5** Rear Wire Entry*** [5]

***Requires S4 Option

(Battery Backup NOT Available for Hazardous Location)

Footnotes:
[3] Required for 3G rating
[4] Only 90 CRI
[5] Consult Factory
[7] 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)
[8] Is not available for NSF Splash and Food Zones
[9] Only Available with White Painted Zinc Steel Finish

IN-ROW CONSTRUCTION



M3E = left end unit **M3C** = center unit(s) **M3E** = right end unit

PARAMOUNT INDUSTRIAL LIGHTING

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

INDIVIDUAL UNITS STANDARD

NOT ALL COMBINATIONS POSSIBLE

JC-DM-090126

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