

C4 Series

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:

- IP 65 rating, (N/A In-Row)
- 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 (.036) 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 (.048) 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, special colors available.

LENS:

One piece nominal .125 white translucent cell cast virgin acrylic. 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 2700, 3000, 3500 and 5000K. 0-10V dimming comes standard with other control options available. THD <10%@120V, <15%@277V, PF> .95.

MOUNTING:

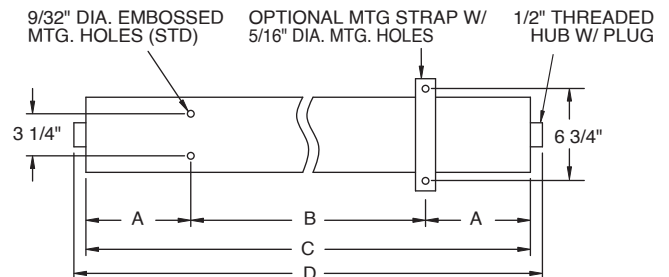
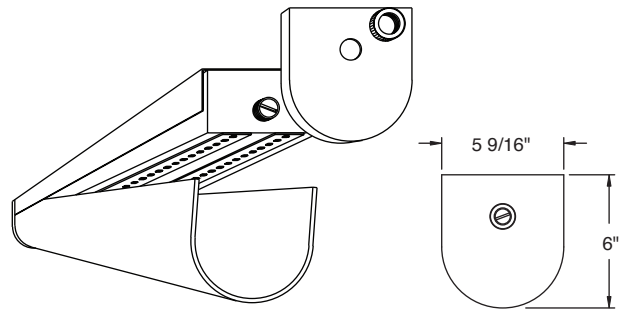
Surface, chain, or pendant options available for covered ceiling installations. Continuous row luminaires manufactured with aligning pins and utilize joiner bands. For further information, contact Sales Representative.

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 fixture surface exposed to the hazardous atmosphere will exceed this temperature. Based on 40°C (104°F) ambient.)

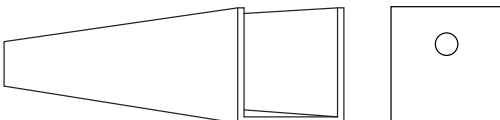


1/2" THREADED FLANGE (OPTIONAL, WET LOC.)

LENGTH (ft)	WEIGHT (lbs)	DIMENSIONS IN INCHES			
		A	B	C	D
1	7	2 3/32	10	14 3/16	15 5/16
2	14	4 19/32	16	25 3/16	26 5/16
3	19	10 1/8	16	36 1/4	37 3/8
4	23	7 5/8	32	47 1/4	48 3/8
5	28	13 1/8	32	58 1/4	59 3/8
6	33	10 5/8	48	69 1/4	70 3/8
7	38	8 5/32	64	80 5/16	81 7/16
8	44	13 21/32	64	91 5/16	92 7/16

FEATURES | OPTIONS

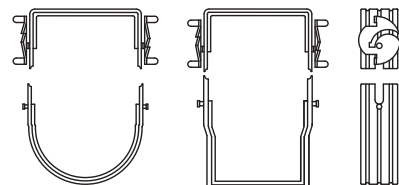
SQUARE POLYCARBONATE LENS AND END CAP



SQUARE LENS MODELS AVAILABLE

L9W = White Square Polycarbonate
L9P = Prismatic Square Polycarbonate

C4 JOINER BANDS



DB-JF-92821



C4 Series

PRODUCT CODE WET & SPLASH ZONE (NSF) LOCATIONS

SERIES	LENGTH	MOUNTING	VOLTAGE	CCT	CRI	LUMENS	FINISH	LENS	DIMMING	OPTIONS	
			UNV						LD		
PMFC4 Wet Location PMSC4 Splash Zone (NSF)			UNV 120-277V		CRI83 83 CRI CRI90 90 CRI		PZ Painted Zinc Steel (std) S4 Stainless Steel Complete CC Custom Color S1 ³ Special Material		LD Dimming 0-10V		
		MS1 Marine Straps Zinc MS2 Marine Straps Stainless CM Cable Mount (by other) PM Pendant (by other) SC Surface/Chain Bracket SF Surface Mount		27K 2700K 3K 3000K 35K 3500K 4K 4000K 5K 5000K		1 FT 5 FT				BBU 10W Battery Backup, Integral BBU1 12W Battery Backup, Integral BBUR2 ⁶ 20W Battery Backup, Remote F1 GLR/HLR Fusing (Fast) F2 GMF/HLR Fusing (Slow) M3C ⁹ In-Row Center M3E ⁹ In-Row End J8 ⁴ Wire Guard P11 ² Guardcraft® Antimicrobial Coating	
	1 1 FT. 2 2 FT. 3 3 FT. 4 4 FT. 5 5 FT. 6 6 FT. 7 7 FT. 8 8 FT.					12L 1162 lm (10W) 23L 2325 lm (20W) 2 FT 23L 2325 lm (20W) 47L 4650 lm (40W) 3 FT 35L 3487 lm (30W) 68L 6974 lm (60W) 4 FT 47L 4650 lm (40W) 93L 9299 lm (80W) 5 FT 58L 5812 lm (50W) 116L 11624 lm (100W) 6 FT 68L 6974 lm (60W) 139L 13949 lm (120W) 7 FT 81L 8137 lm (70W) 163L 16273 lm (140W) 8 FT 93L 9299 lm (80W) 186L 18598 lm (160W)		L3 .125 White Acrylic (Cell Cast) LH3 .150 Extra Heavy White Acrylic L4 ⁵ .140 50% DR Ext. Prismatic Acrylic (P20) L5 .125 StarFrost Acrylic (base) L7 ⁶ .125 White Polycarbonate L8 ⁶ .156 Prismatic Polycarbonate L9W White Square Polycarbonate L9P Prismatic Square Polycarbonate L9RW White Round Polycarbonate L9RP Prismatic Round Polycarbonate			

2 = Only Available with Painted Zinc Finish

3 = Consult Factory

4 = N/A Splash/Food Zones

5 = Lengths greater than 4' require two lenses with a Joiner Band

6 = The 20W Battery Backup Remote powers a minimum of 3 arrays and must be mounted on the outside of the fixture or in a remote dry/damp location. Maximum mounting height to comply with Egress Path Illumination levels is 17 feet.

9 = Refer to In-Row Construction drawing below to determine necessary center & end units. Every In-Row array must include two ends (M3E), one or more centers (M3C) and joiner bands (drawing details pg. 1).

PRODUCT CODE FOOD ZONE (NSF) LOCATION

SERIES	LENGTH	MOUNTING	VOLTAGE	CCT	CRI	LUMENS	FINISH	LENS	DIMMING	OPTIONS
PMFC4		SF	UNV						LD	
PMFC4 Food Zone (NSF)		SF Surface Mount	UNV 120-277V		CRI83 83 CRI CRI90 90 CRI		S4 Stainless Steel Complete (std)		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			L4 ⁵ .140 50% DR Extruded Prismatic Acrylic (P20) L5 .125 StarFrost Acrylic (base)		BBU 10W Battery Backup, Integral BBU1 12W Battery Backup, Integral BBUR2 ⁶ 20W Battery Backup, Remote	
					1 FT 12L 1162 lm (10W) 23L 2325 lm (20W) 2 FT 23L 2325 lm (20W) 47L 4650 lm (40W) 3 FT 35L 3487 lm (30W) 68L 6974 lm (60W) 4 FT 47L 4650 lm (40W) 93L 9299 lm (80W) 5 FT 58L 5812 lm (50W) 116L 11624 lm (100W) 6 FT 68L 6974 lm (60W) 139L 13949 lm (120W) 7 FT 81L 8137 lm (70W) 163L 16273 lm (140W) 8 FT 93L 9299 lm (80W) 186L 18598 lm (160W)				F1 GLR/HLR Fusing (Fast) F2 GMF/HLR Fusing (Slow) T7 Hub Cap (Replaces Ring & Plug) W5 ³ Rear Wire Entry	

3 = Consult Factory

5 = Available in 1 to 4 foot lengths only

6 = The 20W Battery Backup Remote powers a minimum of 3 arrays and must be mounted on the outside of the fixture or in a remote dry/damp location. Maximum mounting height to comply with Egress Path Illumination levels is 17 feet.

3 = Consult Factory

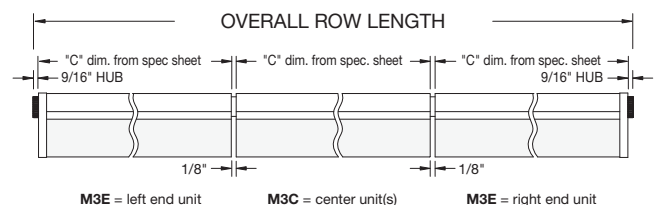
5 = Available in 1 to 4 foot lengths only

6 = The 20W Battery Backup Remote powers a minimum of 3 arrays and must be mounted on the outside of the fixture or in a remote dry/damp location. Maximum mounting height to comply with Egress Path Illumination levels is 17 feet.

NSF Food Processing Note: Food Zone (PMF prefix) luminaires come in DIRECT CONTACT with food. Splash Zone (PMS prefix) units may become soiled, but are outside the danger of recontamination.

SS NOTE: If Stainless Steel is ordered, 304 SS Standard, 316 SS and other materials available, consult agent. Additional information regarding applications and proper Stainless Steel selection found in technical section of web site.

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

DB-JF-92821

C4 Series

PRODUCT CODE

HAZARDOUS LOCATIONS

SERIES	LENGTH	MOUNTING	VOLTAGE	CCT	CRI	LUMENS	FINISH	LENS	DIMMING	OPTIONS
PMHC4			UNV						LD	
PMHC4 Hazardous			UNV 120-277V		CRI83 83 CRI CRI90 90 CRI		PZ Painted Zinc Steel (std) S4 304 Stainless Steel Complete CC Custom Color S1 ³ Special Material		LD Dimming 0-10V	
		SF Surface Mount PM Pendant Mount SC Surface/Chain Bracket* *Comes standard with fixture		27K 2700K 3K 3000K 35K 3500K 4K 4000K 5K 5000K		1 FT 12L 1162 lm (10W) 23L 2325 lm (20W) 2 FT 23L 2325 lm (20W) 47L 4650 lm (40W) 3 FT 35L 3487 lm (30W) 68L 6974 lm (60W) 4 FT 47L 4650 lm (40W) 93L 9299 lm (80W)		L3 .125 White Acrylic (Cell Cast) LH3 .150 Extra Heavy White Acrylic L4 ⁵ .140 50% DR Ext. Prismatic Acrylic (P20) L5 .125 StarFrost Acrylic (base) L7 ⁵ .125 White Polycarbonate L8 ⁵ .156 Prismatic Polycarbonate (P12) L9W White Square Polycarbonate L9P Prismatic Square Polycarbonate		F1 GLR/HLR Fusing (Fast) F2 GMF/HLR Fusing (Slow) M3C ⁹ In-Row Center M3E ⁹ In-Row End J8 ⁴ Wire Guard P11 ² Guardcraft® Antimicrobial Coating T3 Tamper Resistant (Hex w/pin or other) T6 Screw-on End Caps (Requires W5) T7 Hub Cap (Replaces Ring & Plug) W5 ³ Rear Wire Entry (Battery Backup NOT Available for Hazardous Location)
	1 1 FT. 2 2 FT. 3 3 FT. 4 4 FT. 5 5 FT. 6 6 FT. 7 7 FT. 8 8 FT.					5 FT 58L 5812 lm (50W) 116L 11624 lm (100W) 6 FT 68L 6974 lm (60W) 139L 13949 lm (120W) 7 FT 81L 8137 lm (70W) 163L 16273 lm (140W) 8 FT 93L 9299 lm (80W) 186L 18598 lm (160W)				

2 = Only Available with Painted Zinc Finish

3 = Consult Factory

4 = N/A Splash/Food Zones

5 = Lengths greater than 4' require two lenses with a Joiner Band

9 = Refer to In-Row Construction drawing below to determine necessary center & end units. Every In-Row array must include two ends (M3E), one or more centers (M3C) and joiner bands (drawing details pg. 1).

NSF Food Processing Note: Food Zone (PMF prefix) luminaires come in DIRECT CONTACT with food. Splash Zone (PMS prefix) units may become soiled, but are outside the danger of recontamination.

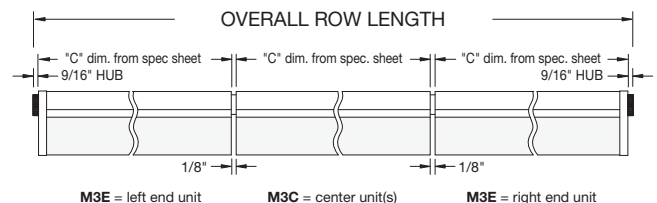
SS NOTE: If Stainless Steel is ordered, 304 SS Standard, 316 SS and other materials available, consult agent. Additional information regarding applications and proper Stainless Steel selection found in technical section of web site.

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

INDIVIDUAL UNITS STANDARD

NOT ALL COMBINATIONS POSSIBLE

IN-ROW CONSTRUCTION



DB-JF-92821