KURTZON
SPECIFICATION GRADE LIGHTING
ILLUMINATING YOUR WORLD

PROJECT

DATE   TYPE

NOTES

REV: 8/1/2018

Hazardous **Corner Mount**

Linear Corner Mount Fluorescent Luminaires

- **UL Listed for Wet & Hazardous Locations.**

- **Suitable For Use In Class 1 Division 2 Groups A, B, C & D Hazardous Locations**

- **IP55 Rated**

- **Channel Inset Door Frame**

K 5/10 YEAR WARRANTY   **UL**   **ISO 5-9** ISO 14644-1 CLASS 5   **IP55** IEC 60529   **209E 100** FED STD 209E CLASS 100   **HL** HAZARDOUS LOCATION CLASS 1 DIVISION 2

ORDERING GUIDE

Series	Profile Type	Material	Size	Lamps	Voltage	Options
HL						

Series	Installation Type	Material		Size	Lamps	Voltage	Options
HL	COR: Surface Corner	1:	White CRS Hsg. & White CRS Door	40: 4' Housing	1 or 2/T8: F32T8	120V	H/FC: Fuse & Holder (One Supplied Per Circuit)
		2:	White CRS Hsg. & Polished 304 SS Door			277V	2/EB: Two Ballasts (Two Circuits)
		3:	White SS Hsg. & Polished 304 SS Door			UNV	EBL: -20F Electronic Ballast
		4:	White AL Hsg. & Polished 304 SS Door			347V*	EBPRS: Program Rapid Start Ballast
							WHT: White Finished Door & HSG
							LEX: .125" Prismatic Polycarbonate
							A19: .156" Prismatic P19 Pattern Clear Acrylic
							HIA: .140" High Impact P12 Pattern Clear Acrylic
							TG: .156" Prismatic C73 Tempered Glass
							H1/EM: 1 Lamp EM (See Chart For Lamp Compatibility)
							H2/EM: 2 Lamp EM (See Chart For Lamp Compatibility)
							WHIP: Must Specify Length and Wire Qty
							GG: NSF Approved Seal-Pro Gasket
							TP: Torx Head SS Tamperproof Fasteners
							AH: Allen Head SS Tamperproof Fasteners

Hazardous **Corner Mount**

Linear Corner Mount Fluorescent Luminaires

SPECIFICATIONS

HOUSING: One piece, hole free, robotically seam welded housing has flattened, silicone sealed knockouts for a superior seal. Available in .040" 3003 Aluminum, 20Ga 304 Stainless Steel, or 20Ga 1008 Cold Rolled Steel.

DOOR FRAME: Inset door frame made from welded channels regresses into the housing to allow the neoprene gasket to seal to the housing. Door frame is hinged by aircraft cables and secures to housing with captive stainless steel pan head screws. Available in 20Ga Powder Coated Cold Rolled Steel, 20Ga 304 Polished SS.

GASKETS: Closed cell 100% pure neoprene gasket with vulcanized corners making a one-piece oil and solvent resistant gasket system.

LENS: Impact Resistant .135" thick virgin acrylic with P12 prismatic pattern inverted. See "Options" for other choices.

LAMPS: Suitable for most T8 lamps. (By others)

ELECTRICAL: Standard Class P Ballast - Electronic < 10% THD, high performance instant start universal voltage (120-277). See options for Rapid Start, Dimming, or Cold Temp Ballasts, Others available (must specify). Dual level switching available with 2/EB option

REFLECTOR: Die formed metal with high reflectance white polyester powder coat finish. Typical reflectivity 92%.
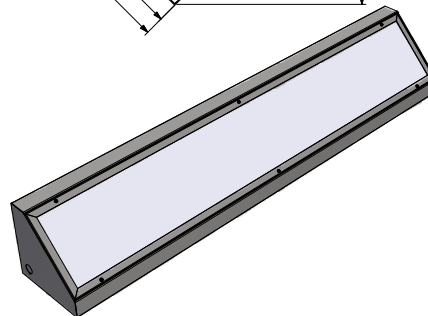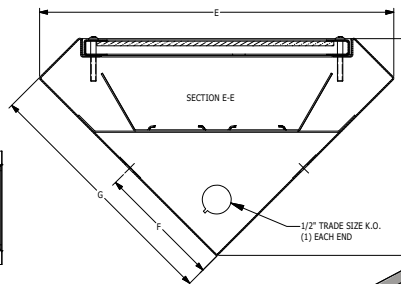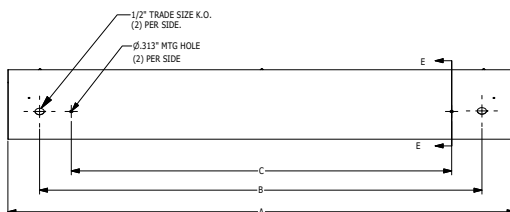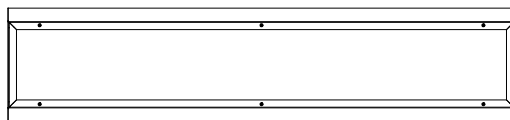
INSTALL SURFACE: Four .312" dia. mounting holes and a removable gasketed wiring access plate with Supply entry via 1/2" trade size flattened and silicone sealed knockouts. Meyers Hub (ST-1) provided for field drilling or installation in one of six locations.

FINISH: Gloss white high reflectance 1000 hr. salt spray polyester powder coat finish standard for all housings. Stainless steel doorframes are satin polished unless option WHT is chosen.

LISTINGS: Listed for Class I Division II Groups A,B,C & D hazardous locations. IP55 rated for dust and water ingress. UL listed per UL_1598 for wet locations. Certified ISO-14644-1 for class 5 through class 9 cleanspaces. Certified Fed Std 209E for Class 100 through Class 100,000 cleanspaces. Electrical components covered under manufacturers warranty, the remaining fixture is covered by a 10 year warranty.

PRODUCT DRAWINGS

CORNER CHANNEL REFERENCE DIMENSIONS							
SIZE	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G
40	48.08"	42.00"	36.00"	6.50"	10.75"	3.75"	7.63"

SECTION E-E

1/2" TRADE SIZE K.O.
(1) EACH END

1/2" TRADE SIZE K.O.
(2) PER SIDE.

Ø.313" MTG HOLE
(2) PER SIDE

06-AA-L-40 COR CHANNEL 03/30/2017

Hazardous **Corner Mount**

Linear Corner Mount Fluorescent Luminaires

ENERGY DATA

HAZ. CLASS 1 DIVISION 2 CHANNEL DOOR CORNER MOUNT FLUORESCENT						
ENCLOSURE SIZE	LAMP TYPE	LAMP QTY[1]	(EBPRS) RAPID START	(H/EM) 1 LAMP EMERGENCY[2]	HAZ TEMP CODE[3]	MAX AMBIENT TEMP[3]
20	F17WT8	1 OR 2	OPTIONAL	700 Lm	T4A	25°C (77°F)
40	F32WT8	1 OR 2	OPTIONAL	700 Lm	T4A	25°C (77°F)

[1] LAMPS SUPPLIED BY OTHERS

[2] TOTAL GENERATED LUMENS (FROM STANDARD EMERGENCY BALLAST SPECIFICATION SHEET)

[3] TEMP RATING MAY VARY WITH ALTERNATE SPECIFIED BALLASTS OR ANY NON STANDARD SELECTION