

Vandal Corner Mount

Vandal Resistant High Abuse Linear Corner Mount High Efficiency LED Wet Location Luminaires

- **Rated IP66**
- **Suitable for use in public spaces**
- **0-10v 1% dimming standard**
- **ETL Listed for Wet Locations**
- **Robotically seam welded housing**
- **.125" Polycarbonate standard.**
- **Made in the USA by a Family Owned US Corporation**



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ORDERING GUIDE

Series Installation Type Material Size Source CCT Voltage Options

VL

Series	Installation Type	Material	Size	Source	CCT	Voltage	Options
VL	COR: Surface Corner	1: White CRS Hsg. & White CRS Door 2: White CRS Hsg. & Polished 304 SS Door 3: Polished SS Hsg. & Polished 304 SS Door 4: White AL Hsg. & Polished 304 SS Door	40: 4' Housing	1/LEDR 2/LEDR	80 CRI: 830 = 3000K CCT 835 = 3500K CCT 840 = 4000K CCT 850 = 5000K CCT 90 CRI: 935 = 3500K CCT 940 = 4000K CCT	120V 277V UNV 347V*	FC: Fuse & Holder (One Supplied Per Circuit) 2/ED: Two Drivers (Two Circuits) EDL: -40F Electronic Driver EM: LED Battery Pack 1100 Lm (Specify Input Voltage) WHT: White Finished Door & HSG TG: .156" Prismatic C73 Tempered Glass SW: Wet Locatoin Hub Supplied (not installed) PxL: Programmed to User Specified Lumen Value.∞ PxW: Programmed to User Specified Wattage Value.∞ 10KV: 10KV Parallel Surge Protection (One Supplied Per Circuit) WHIP: Must Specify Length and Wire Qty OCCMW: Microwave occupancy sensor (inside luminaire) FPL: .125" Flat Frosted Polycarbonate AH: Allen Head SS Tamperproof Fasteners

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SPECIFICATIONS

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

DOOR FRAME: One-piece overlapping 18 gauge CRS or 20 gauge type 304 stainless steel door frame with 90° bevelled edges. Door frame suspended from housing by two 8" stainless steel aircraft cables. Doorframe gasketed to housing and secured with 12 captive flush mounted stainless steel Tamper resistant Torx fasteners.

GASKETS: NSF Listed closed cell microcellular extruded KleanLock SealPro gasket with vulcanized corners making a one-piece oil and solvent resistant gasket system.

LENS: High durability minimum .125" thick polycarbonate with P12 prismatic pattern inverted. Factory sealed to door with silicone.

LEDS: Commercially available in a wide variety of Color Temperature (CCT), FLUX, and CRI. Highly efficient and consistent color maintained to 3 SDMC for color critical applications. B50/L70 and compliant with Zhaga recognized hole patterns. Consult factory for LED options or configurations not listed below.

DRIVERS: Standard Universal Voltage Class 2 drivers are 0-10v Dimmable to 1% for most LED configurations. They come with at least 2.5Kv surge protection, have less than 10% THD at max load, Ballast Factor Greater than .95 and are programmable to match specific lumen or wattage requirements. Drivers with higher input voltage ratings are available, consult factory for driver specifications.

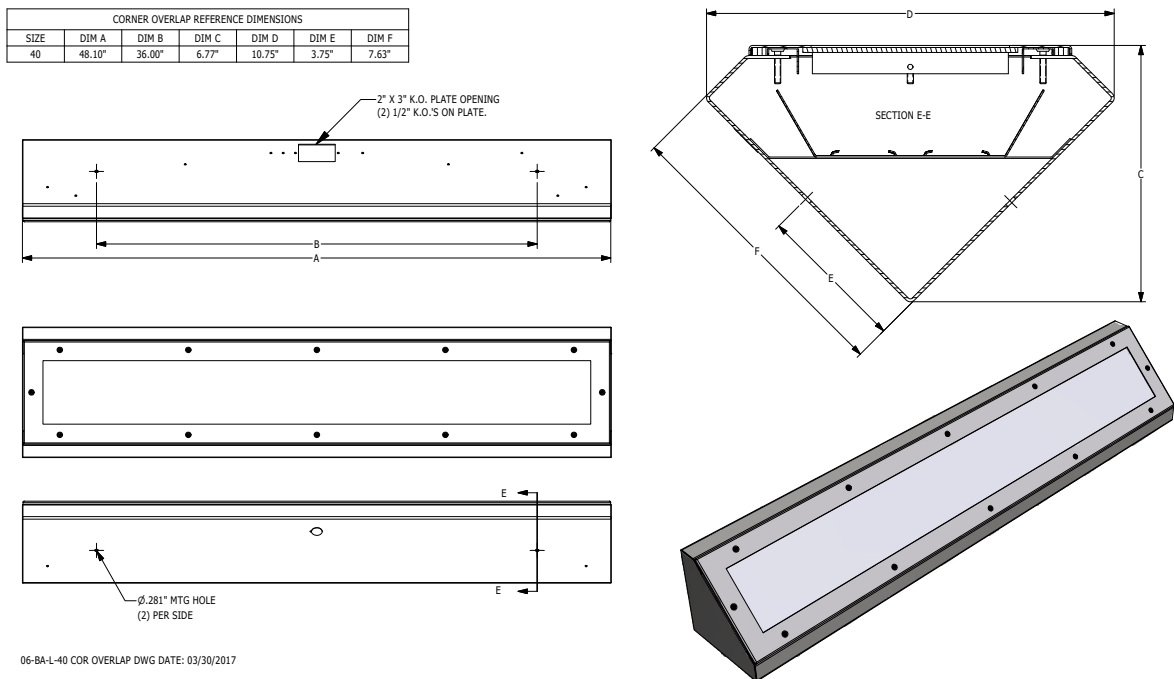
REFLECTOR: Die formed metal with high reflectance white polyester powder coat finish. Typical reflectivity 92%.

INSTALL SURFACE: Four .312" holes for surface mounting. Provided with 1/2" knockouts on ends, suitable for through wiring.

FINISH: Stainless Steel Housings and Doors are Satin Polished unless option WHT is chosen. All other housings and doors are finished with a 1000hr salt spray Gloss White Polyester power coat..

LISTINGS: IP66 rated for dust and water ingress. Suitable for 1700 PSI high pressure hosedowns. ETL listed per UL_1598 for wet locations. Drivers and LEDs are covered by a 5 year warranty, the remaining fixture is covered by a 10 year warranty.

PRODUCT DRAWINGS



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ENERGY DATA

OVERLAP DOOR CORNER MOUNT SURFACE FIXTURE WITH POLY LENS										
ENCLOSURE SIZE	LED SELECTION	STANDARD DIMMING	83 CRI (3000K - 5000K)				90+ CRI (3500K - 4000K)			
			LUMENS ¹	WATTS ²	EFFICACY ³	MAX AMB TEMP ⁴	LUMENS ¹	WATTS ²	EFFICACY ³	MAX AMB TEMP ⁴
40	1LEDR	0-10V 1%	2,400	28	86	40°C	1,990	30	66	40°C
40	2LEDR	0-10V 1%	4,700	56	84	40°C	3,860	58	67	40°C
40	EM10 ⁵	NA	840-860	4	NA	35°C	660-670	4	NA	35°C

¹ DELIVERED LUMEN DATA IS EXTRAPOLATED FROM MEASURED DATA @25C WITH NO EXTRA OPTIONS. VARIANCES WILL OCCUR WHEN OTHER SELECTIONS ARE MADE

² WATTAGE IS MEASURED WITH 4000K SELECTION @ 120vAC AND Tambient = 25C. WATTAGES MAY VARY WITH ALTERNATE CONFIGURATIONS

³ EFFICACY CALCULATED USING 4000K CCT DATA.

⁴ MAX AMBIENT TEMP RATING. TEMP RATING MAY VARY WITH ALTERNATE SPECIFIED DRIVERS OR ANY NON STANDARD SELECTION

⁵ 90 MINUTE 10W EMERGENCY DRIVER; LUMENS CALCULATED BASED ON FIXTURE EFFICACY.

PHOTOMETRICS

VL-COR-1-40-2/LED840-UNV

Report No: 19803MOD

Total Lumens: 4,700

Wattage: 56.138

Efficacy: 84 (Lumens Per Watt)

Fixture Size: 4'

Key:

--- 0
 - - - 45
 ——— 90

