LAMARLED

VANL-C

VANL-C

Vandal Resistant Corner Mount Luminaire

The VANL-C series by Lamar LED is a specification-grade architectural corner mount luminaire for high-abuse and vandal resistant applications. The quarter-round housing is an extruded aluminum construction with die-cast end plates and nests into the 90° junction of wall and ceiling, mounting flush to both surfaces with no exposed top ledge. The polycarbonate lens adds to its robustness and allows this unit to be used in high abuse areas. Ideal for corridors, stairwells, holding areas, schools, community centers, natatoriums, and more. Operating ambient temperature range as low as -20°C to as high as 40°C on most models.



VANL-C shown corner mounted (rendering)

Features and Specifications

Construction:

- Extruded aluminum quarter-round housing/Die cast endcaps
- Standard lens; Opal, high impact extruded UV stabilized polycarbonate. Smooth external surface for easy cleaning, internal ribs for optical efficiency.
- Highly resilient and chemical resistant microcellular closed-cell gasket seals lens to the housing and endcaps. Optional neoprene gasket for wall/ceiling interface.
- Concealed mounting brackets (supplied); tamper-resistant lens screws
- ADA compliant design
- 5 Stage pretreatment and textured architectural white polyester powder coated after fabrication. Custom Colors are available, consult factory for details.

Size Options:

- Available in 2', 4' or 8' lengths (nominal); 22.78", 46.78" or 94.78" overall
- 3.77" x 3.77" quarter-round profile (3.96" x 3.96" at end caps)

Mounting Options:

- Corner mount at 90° wall/ceiling junction (mounting brackets supplied)
- Individual units or continuous runs

Listings & Ratings:

- UL listed for wet locations (CAN & USA, ANSI/UL1598 & UL8750). IEC60598 IP64 (Certified dust-tight and resistant to jets of water). Exceeding IK10 impact resistance rating.
- Meets Buy America Act (BAA), BABA Compliant

Driver:

- Universal voltage 120-277V standard
- Custom driver tuning for specific lumen requirements
- 0-10V dimming standard

Warranty:

- 5 years - part replacement only (see our terms & conditions page at www.lamarled.com for details)

Ordering Matrix/Example

VANL-C-48-M-40

Series		Length		Power		CCT		Finish Options		General Options		Run Configurations
VANL-C	–		–		–		–		–		–	

Series	Length	Power	CCT	Finish Options	General Options	Run Configuration
VANL-C = Vandal Resistant Corner Mount	**24** = 2' nominal **48** = 4' nominal **96** = 8' nominal	**L** = Low **M** = Medium **H** = High	**30** = 3000K **35** = 3500K **40** = 4000K **50** = 5000K	**Blank** = Textured White **RAL-XX** = Custom RAL color*	**EM** = Emergency pack >90 min., >500 lumens **DTD** = 0-10V Dim to Dark **NA** = Natatorium construction **NLS** = No lens screws	**Blank** = Individual **BOR** = Beginning of run **EOR** = End of run **INT** = Intermediate

Consult factory for additional options not shown or listed.
Lumen values may vary slightly by color temp and tolerances.

Correlated Color Temperatures (CCTs) fall within the nominal range as per ANSI C78.377A

Project Information:

Job Name: _____ Fixture Type: _____

Catalog #: _____ Date: _____

Comments: _____

Certification & Listings:

UL CERTIFIED · 120-277V Universal · CRI 80+ · WET LOCATION IP65 · IK10 · RoHS COMPLIANT · 0-10V DIM · YEAR 5 WARRANTY · IP64 · BUILD AMERICA BUY AMERICA COMPLIANT BABA

Specifications subject to change without notice - Rev 1126

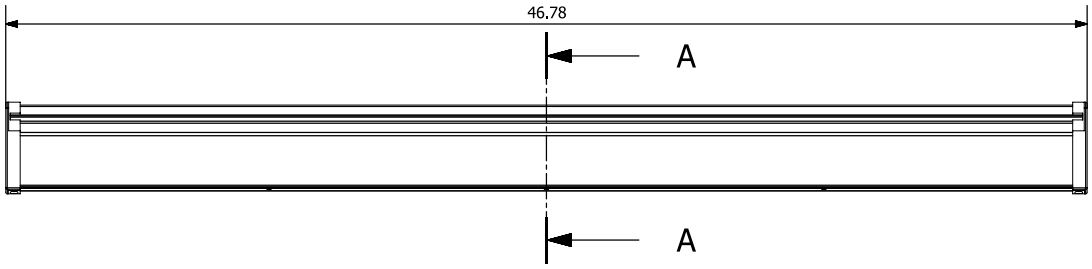
VANL-C

Dimensions

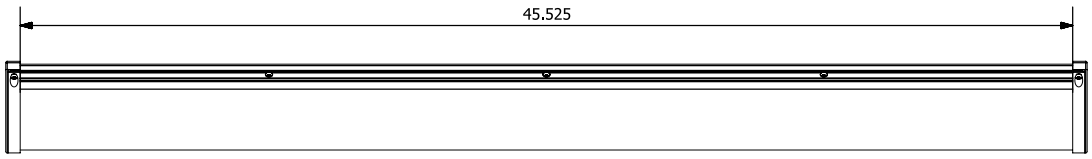
BEFORE INSTALLATION, PLEASE CONSULT YOUR LOCAL ORDINANCES AND BUILDING CODES FOR COMPLIANCE

Corner Mount

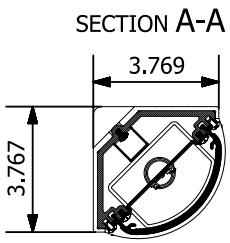
Corner mount at 90° wall/ceiling junction (mounting brackets supplied)



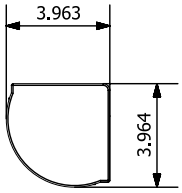
Front View
A = overall length, end cap to end cap (4' shown)



Housing View
Housing length between end caps (4' shown)



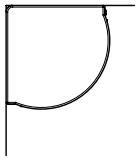
Housing Profile (B)



End Cap Profile (C)
End View

	Dimensions (inch)		
	A	B	C
	Overall	Housing	End cap
24	22.78"	3.77" x 3.77"	3.96" x 3.96"
48	46.78"	3.77" x 3.77"	3.96" x 3.96"
96	94.78"	3.77" x 3.77"	3.96" x 3.96"

Consult installation guide for exact dimensions.



Profile nested in corner

Fixture Opening Method

- Loosen tamper-resistant lens screws
- Push lens to one end
- Pull lens down at opposite end

Installation Details

Corner Bracket Mounting



1. Secure the mounting brackets to the wall at the ceiling line (align with structure; see installation guide for spacing).



2. Engage the housing on the brackets and seat the luminaire into the corner, flush to wall and ceiling.

3. Open the lens (see Fixture Opening Method), make connections through the end cap knockout, and close the lens.

Continuous Run



Units join end-to-end for continuous corner runs. Specify **BOR** (beginning of run), **INT** (intermediate) and **EOR** (end of run) units; individual units are ordered with the run configuration left blank. Consult factory for run lengths and feed locations.

Lumen/Wattage Chart - 4000K

Wattage Chart

	Low (L)	Medium (M)	High (H)
2'	19W - 2540 lu	24W - 3205 lu	28W - 3520 lu
4'	26W - 3550 lu	35W - 4775 lu	43W - 5580 lu
8'	40W - 5570 lu	57W - 7915 lu	73W - 9700 lu

*Lumen values may vary slightly by color temp and tolerances.

LAMAR LED assumes no responsibility for misapplication of fixtures
Due to the rapid advancements in LED technology, please consult our website for the most current technical data.

Specifications subject to change without notice - Rev 1126