



Date: April 8th, 2019

Re: LumiDigit Price and EMC Sign Illumination

To Whom It May Concern:

In compliance with the various sign regulations adopted throughout the United States, the following information pertains to **Everbrite LumiDigit Electronic Gas Price Changers and EMC Signs**:

The standard luminance of Everbrite's LED signs is between 3000 to 4000 nits (280 to 372 foot-candles) during the brightest time of the day and between 300 to 400 nits (28 to 37 foot-candles) at night depending on the size of the digit or panel configuration.

All LumiDigit gas price and EMC signs are equipped with light sensors that automatically adjust the LED digit light intensity of the sign in direct correlation with ambient light conditions and are factory preset not to exceed 0.3 foot-candles above ambient light levels.

If lower foot-candle levels are required (i.e. 0.2 or less), then follow the below instructions to achieve the desired setting:

**To change the minimum brightness level of the digits at night, use the following procedure:**

- 1) Power on the LumiDigit hand-held console by inserting the power plug into the jack on the bottom edge of the console.
- 2) Ensure that the console can communicate with the sign:
  - a. Press SETUP key. Arrow down to SIGN 1 STATUS. Press ENTER.
  - b. The bottom line of the display will update with COMM SUCCESS
- 3) The current brightness % of the digits is shown SIDE 1 INTENSITY: x% SIDE 2 INTENSITY y%
- 4) When intensity is at ~ 10%, intensity is less than 0.3 foot-candles above ambient light level.
- 5) Press CLEAR twice to go back to the CURRENT VALUES screen.
- 6) To adjust the minimum brightness level:
  - a. Press the SETUP key and arrow down to SYSTEM SETUP and press ENTER.
  - b. SYSTEM SETUP screen is displayed. Arrow down to DIM LEVEL and press ENTER.
  - c. ACCESS CODE REQUIRED will be displayed. Key in 0309 and press ENTER
  - d. The current settings are displayed. Factory settings are:  
SIGN FACE = FILTERED  
DIM LEVEL = 0
  - e. Arrow up to SIGN FACE and press ENTER to change the setting to EXPOSED
  - f. Arrow down to DIM LEVEL and press 2 to set the level in the EXPOSED scale

- g. Press ENTER to send this setting to the sign(s). COMM SUCCESS will be displayed on the bottom line of the screen.

- 7) EXPOSED scale allows a lower minimum brightness than the FILTERED scale.
  - a. Level 2 allows digits to dim to 7%, which is no more than 0.2 foot-candles above ambient light levels with no ambient light
  - b. Level 1 allows the digits to dim to 5%
  - c. Level 0 allows the digits to dim to 2%



Sincerely,

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# **GAS CANOPY**

## **SIGN LAYOUT & LIGHTING DETAIL**



# QWIK MOD 3 BLUE™

Better coverage with a wider optic—accomplish more with our NEW Qwik Mod™ Series.



## SPECIFICATIONS

Beam Angle	170° Ultra-Wide Low Dome Batwing Optic with Diamondback Optic Lens Technology
Certifications	UL & cUL Recognized (SAM Manual), CE, RoHs
Dimensions	0.69"W x 3.14"L x 0.25"H
Efficacy	See Product Options
Fastening	Peel & Stick / Mechanical Screw Hole
Input	12VDC
Intensity	See Product Options
Max Mods (Series)	See Product Options
Operating Temp	-30° to +60°C
Packaging	33.3 ft. (50 mods) per bag or 500 ft. (750 mods) per case
Power	See Product Options
Power Supply	P-LED 12VDC
Protection Grade	IP68
Run Footage	See Product Options
Spacing	1.5 mods/ft. (fully stretched)
Warranty	5 Year Product / 5 Year Limited Labor

## PRODUCT OPTIONS

Color	Wavelength	Efficacy	Intensity	Power	Max. Mods (Series)	Run Footage	Part Number
Blue	460 nm	18 LM/W	18 LM/Mod (27 LM/FT)	1.2 W/MOD (1.8 W/FT)	16.67 ft (25 mods)	33.33ft (50 mods)	PL-QM3-BL27-P

## FEATURES

- Diamondback 170° Optic Lens
- Integrated aluminum heatsink
- Snap & Peel Qwik Release Tab
- More light diffusion with a wider batwing resulting in better coverage

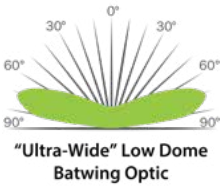
## WIRING DETAILS

White/Red	Positive
White/Black	Negative

## RECOMMENDED COVERAGE CHART

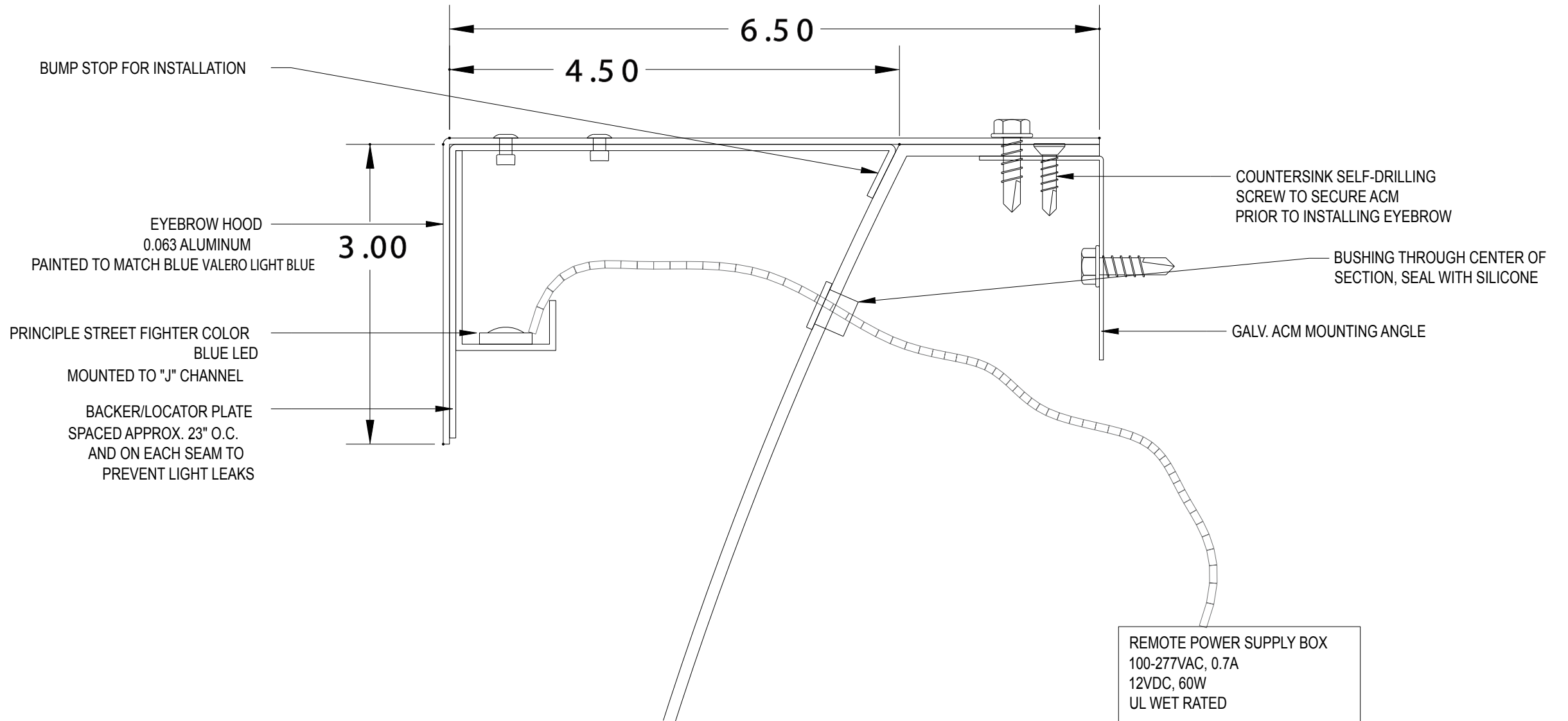
Depth	Max. Stroke	Row Spacing	Product
	Single Row	Multi-Rows O.C.	
3"	8"	4" at 3 mods/ft	QM3 Blue
4"	12"	7" at 2 mods/ft	QM3 Blue
5"	16"	10"	QM3 Blue
6"	18"	12"	QM3 Blue
7"	22"	12"	QM3 Blue

Note: Product and depth may vary depending on face material and desired brightness.

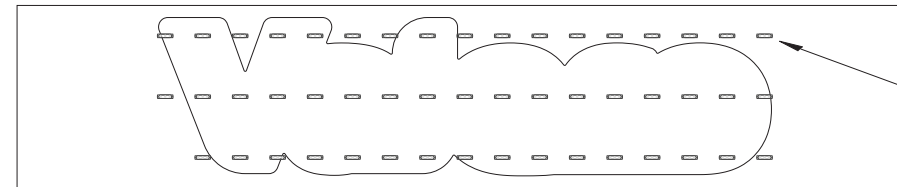
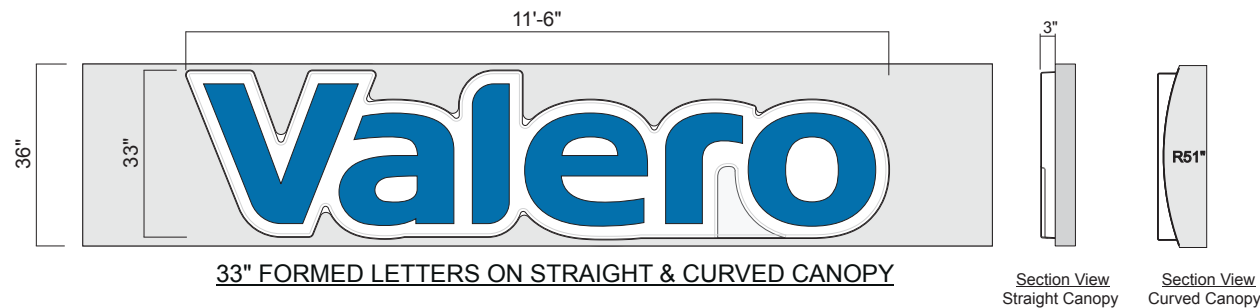


## Blue LED Canopy Light Bar Details









**STRAIGHT CANOPY:**  
Principal QUIK MOD 2 LED  
PL-QM2-TW150-P (M-QMDX0-71)  
(66) 7100K - SPACE ROWS @ 10" O.C.

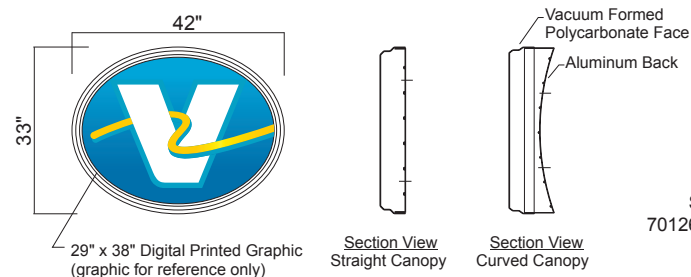
**CURVED CANOPY:**  
Principal QUIK MOD 3 LED  
PL-QM3-TW200-P (M-QMTX0-71)  
(66) 7100K - SPACE ROWS @ 12" O.C.

ESTIMATED PRODUCT - 5" DEEP STRAIGHT CANOPY:

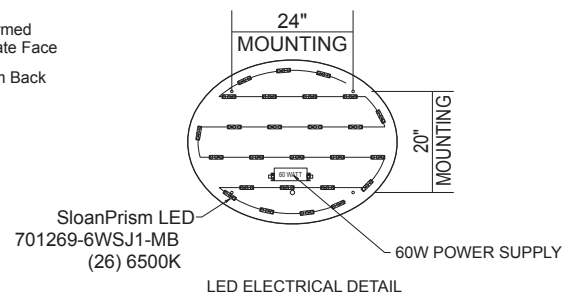
75 True White QWIK MOD 2 LED MODULES - 44.7 FT  
1 EACH MODULAR 60 POWER SUPPLY 12VDC (1.1 AMPS)  
1 EACH 100' ROLL OF JACKETED CABLE

ESTIMATED PRODUCT- 6 1/8" DEEP CURVED CANOPY:

50 True White QWIK MOD 3 LED MODULES - 33.3FT  
1 EACH MODULAR 60 POWER SUPPLY 12VDC (1.1 AMPS)  
1 EACH 100' ROLL OF JACKETED CABLE

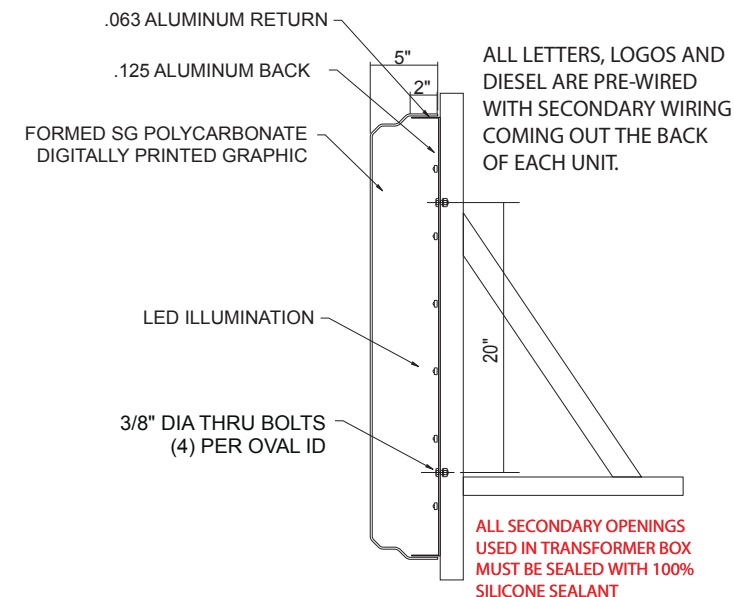


**33" Oval ID Logo Sign**



ESTIMATED PRODUCT B.O.M. PER SIGN:

26 Prism LED MODULES - 17.3 FT  
1 EACH MODULAR 60 POWER SUPPLY 12VDC  
1 EACH 100' ROLL OF JACKETED CABLE

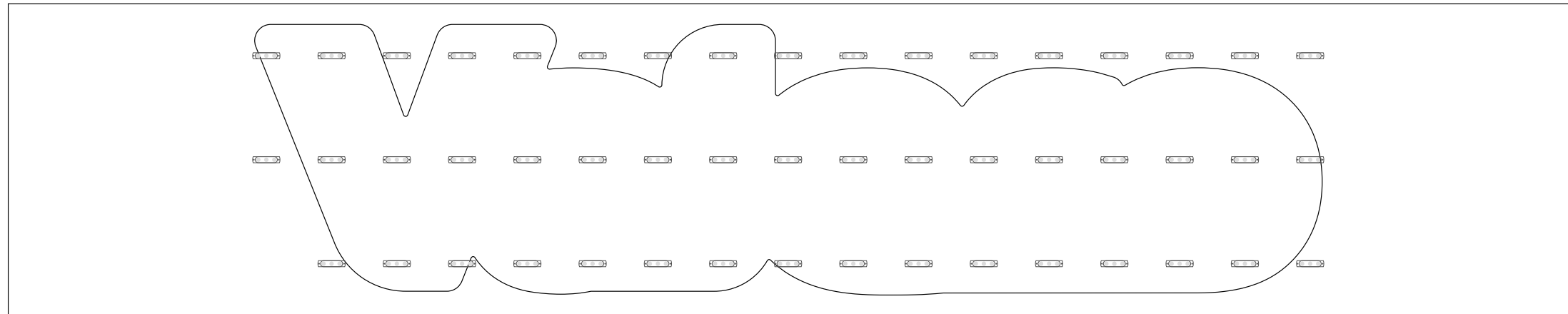


**SIDE SECTION VIEW**

ALL SIGN COMPONENTS MUST BE U.L. LISTED.



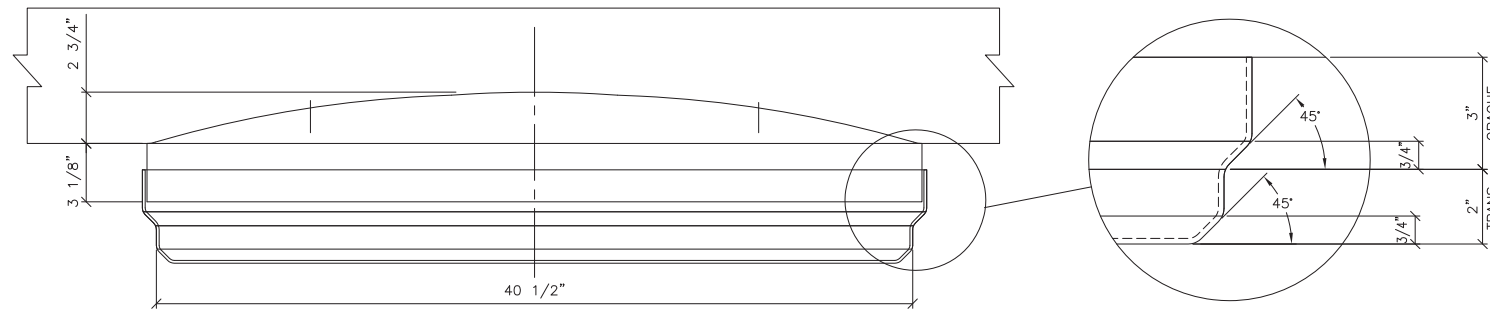
60W



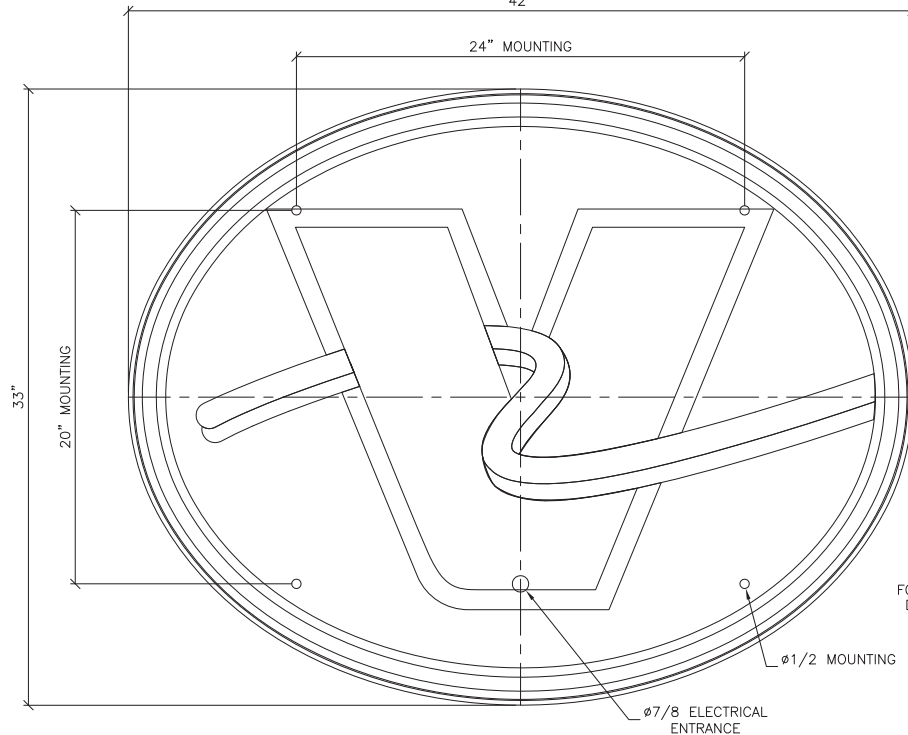
50

AMP DRAW: 1.1A  
 ESTIMATED PRODUCT PER SIGN  
 FACE LIT  
 (50) TRUE WHITE QWIK MOD 3 MODULES (PL-QM3-TW200-P)  
 33.3FT TRUE WHITE QWIK MOD 3 MODULES  
 (1) 60W POWER SUPPLY (PL-60-12-U)

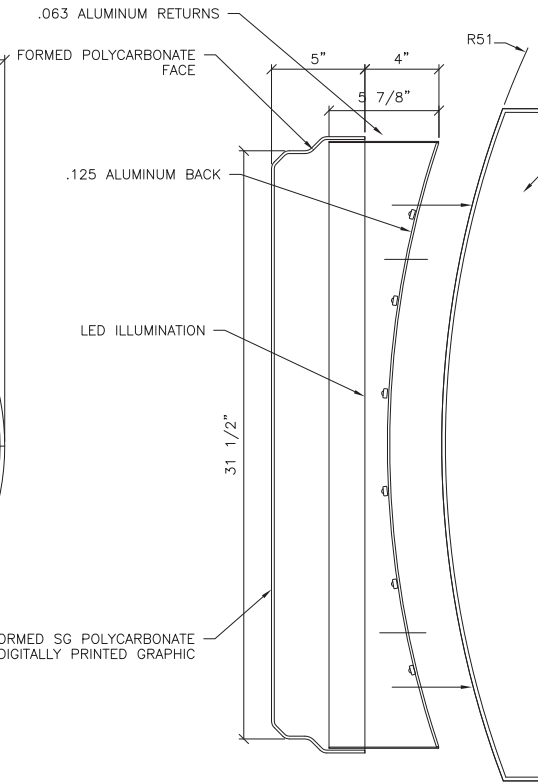
NOTE:  
 SPACE ROWS @ 12" O.C.  
 50 MODULES PER 60W PS  
 25 MAX MODULES PER SERIES



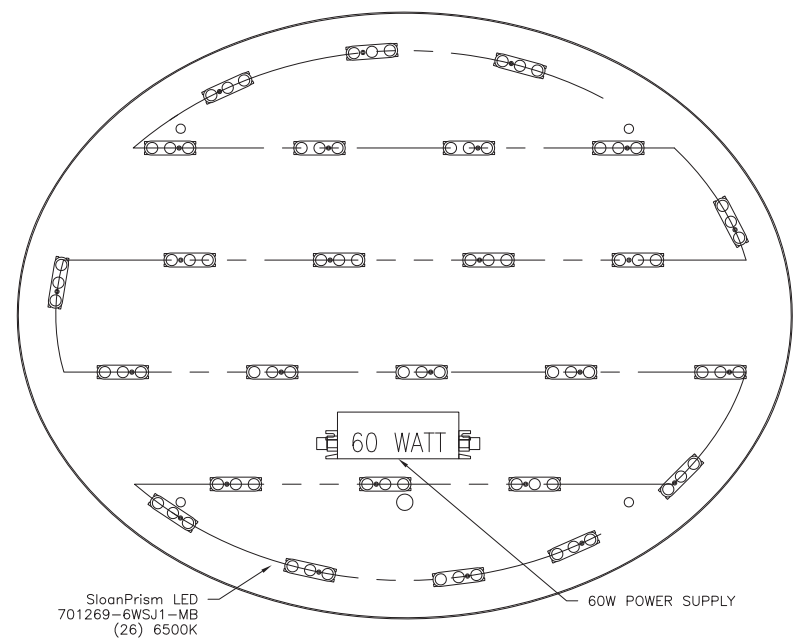
TOP VIEW  
SCALE: 1 1/2"=1'-0"  
42"



CANOPY OVAL SIGN DETAIL  
SCALE: 1 1/2"=1'-0"



SIDE SECTION VIEW  
SCALE: 1 1/2"=1'-0"



LED ELECTRICAL DETAIL  
SCALE: 1 1/2"=1'-0"

#### SIGN SPECIFICATIONS:

**SIGN SIZE:**  
AREA ... 9.6 SQ.FT. (ACTUAL 7.4 SQ.FT)  
ACTUAL SIZE ... 33" X 42"  
APPROXIMATE WEIGHT ... 80LBS  
DESIGNED WINDLOAD ... 90MPH (3 SEC. GUST EXPOSURE C)  
COMPLIANT w/ NATIONAL BUILDING CODES & STANDARDS  
(IBC, UBC, BOCA, AISC, ASCE7, ACI, & ALUM. DSGN. MANUAL)

**ELECTRICAL:**  
AMPS ... 1.1 AMPS  
CIRCUITS ... (1) 20  
VOLTS ... 120

**COLORS:**  
REFER TO COLOR RENDERING  
FOR COLOR AND GRAPHIC SPECS  
CABINET & RETAINER ... WHITE

- 1) Prism LED MODULES LAID OUT AT 1.5 MODULES/FT, 6" ON CENTER
- 2) EACH MODULAR 60 POWER SUPPLY CAN RUN UP TO 32FT/48 VL SignBOX II MODULES
- 3) LAYOUT BASED ON A D/F CABINET 3" CAN DEPTH

**ESTIMATED PRODUCT B.O.M. PER SIGN:**  
26 Prism LED MODULES - 17.3 FT  
1 EACH MODULAR 60 POWER SUPPLY 12VDC  
1 EACH 100' ROLL OF JACKETED CABLE

