



# V310-XRLED VENICE SERIES

LED

EPA  
1.69 (ft<sup>2</sup>)  
WEIGHT  
33 LBS

5 YEAR  
WARRANTY

LUMEN  
RANGE  
1,405 to  
5,395

LIFE SPAN  
L70  
MINIMUM  
50,000  
HOURS

UL  
LISTED

CLICK  
FOR FAQ's

JOB NAME \_\_\_\_\_

FIXTURE TYPE \_\_\_\_\_

MEMO \_\_\_\_\_

## BUILD A PART NUMBER

ORDERING EXAMPLE: **2A-V310-XRLED-9L45T5-MDL07-CA-FHD-HSS/478PM/3810FP4/FCC/BKT**

Mounting Config.	Fixture	LED	CCT	Type	Driver	Lens	Option Control	Option Fuse	Option Chimney	Option House Side Shield	Arm <small>See Arm Spec Sheets</small>	Pole <small>See Pole Spec Sheets</small>	Finish

### Mounting Configuration

[\(Click here to view mounting configuration sheet\)](#)

- 1W • 2A • 3A90 • 1AM • 28PB
- PT • 2A90 • 3APT • 2AM
- 1A • 2APT • 4A • CH28'
- 1APT • 3A • 4APT • SH28'

W = Wall Mount PT = Post Top A = Arm Mount AM = Arm Mid-Mount PB = Pier Base SH = Stem Hung CH = Chain Hung

<sup>1</sup>Include Stem/Chain length in inches after designation (IE: CH44-36").

### Fixture

- V310

### LED

- XRLED-9L • XRLED-12L

### CCT - Color Temperature (K)

- 27(00) • 35(00) • 45(00)

### Type

- T2 • T3 • T4 • T5

### Driver

- MDL07 (120v-277v, 700Ma)<sup>2</sup>
- MDL14 (120v-277v, 1400Ma)
- MDH07 (347v-480v, 700Ma)<sup>2</sup>
- MDH14 (347v-480v, 1400Ma)

<sup>2</sup>For use with 9L system only.

### Lens

- A (Acrylic)
- WA (White Acrylic)
- CSA (Clear Seeded Acrylic)

### Options [\(Click here to view accessories sheet\)](#)

- PEC Electronic Button Photocontrol (120v-277v)
- PEC4 Electronic Button Photocontrol (480v)
- FHD<sup>3</sup> Double Fuse and Holder
- FMC Frosted Mission Chimney
- HSS House Side Shield

<sup>3</sup> Ships loose for installation in base.

### Arm [\(Click here to view arm website page\)](#)

See Arms & Wall Brackets specification sheets.

- 478 • 480 • 1080 • 1082 • 1085 • 1087

### Pole [\(Click here to view pole website page\)](#)

See Pole specification sheets.

### Finish [\(Click here to view paint finish sheet\)](#)

#### Standard Finishes<sup>4</sup>

- BKT Black Textured
- WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

<sup>4</sup>Smooth finishes are available upon request.

#### Custom Finishes<sup>5</sup>

- CM Custom Match
- OI Old Iron
- RT Rust
- WBR Weathered Brown
- CD Cedar
- WBK Weathered Black
- TT Two Tone

<sup>5</sup>Custom colors require upcharge.

#### Sternberg Select Finishes

- VG Verde Green
- SI Swedish Iron
- OWGT Old World Gray Textured

## Specifications

### Fixture

The fixture shall be 17-1/4" diameter and 35" tall. It shall be made of heavy wall cast aluminum. The V310 is the medium scale fixture in the Venice series. The luminaire shall be UL listed in US and Canada.

### LEDs

The luminaire shall use high output, high brightness LED's. They shall be mounted in arrays, on printed circuit boards designed to maximize heat transfer to the heat sink surface. The arrays shall be downward facing to minimize up-light. The LED's and printed circuit boards shall be 100% recyclable; they shall also be protected from moisture and corrosion by a conformal coating of 1 to 3 mils. They shall not contain lead, mercury or any

other hazardous substances and shall be RoHS compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. The High Performance white LED's will have a life expectancy of approximately 50,000 hours with not less than 70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LED's shall be 4500K (3500K or 2700K option) color temperature with a minimum CRI of 70. Consult factory for custom color CCT. The luminaire shall have a minimum \_\_\_\_\_ (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

### Optics

The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type \_\_\_\_ (2, 3, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.

### Electronic Driver

The LED driver shall be U.L. Recognized. It shall be remotely mounted in the field, arm, pole or base depending on the selected options. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload as well as short circuit protection, and have a DC voltage output, constant current design, 50/60HZ. It shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It shall be dimmable using a 0-10v signal.

**For sources over 50w:** The driver shall have a minimum efficiency of 90%. The driver shall be rated at full load with THD<20% and a power factor of greater than 0.90. The driver shall contain over-heat protection.

**For sources under 50w:** The driver shall have a minimum efficiency of 88%.

See next page

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LED

## Photocontrols

**Button Style:** The photocontrol shall be mounted in the pole shaft on an access plate. The electronic button type photocontrol is instant on with a 5-10 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years.

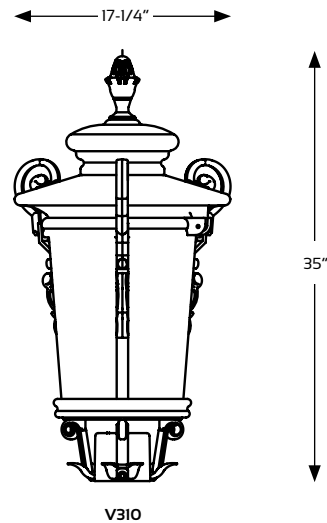
## Warranty

Five-year limited warranty. See product and finish warranty guide for details.

## Finish

Refer to website for details.

## Fixtures



## Performance

LIGHT SOURCE	T2 DELIVERED LUMENS	EFFICACY (LPW)	T3 DELIVERED LUMENS	EFFICACY (LPW)	T4 DELIVERED LUMENS	EFFICACY (LPW)	T5 DELIVERED LUMENS	EFFICACY (LPW)	WATTAGE
12L27T_-MDL14	4090	68.2	4035	67.3	3930	65.6	4265	71.1	60
12L35T_-MDL14	4815	80.3	4755	79.3	4630	77.2	5020	83.7	60
12L45T_-MDL14	5175	86.3	5110	85.2	4975	83.0	5395	90.0	60
09L27T_-MDL14	2705	58.9	2650	57.7	2480	53.9	2920	63.5	46
09L35T_-MDL14	3185	69.3	3120	67.9	2920	63.5	3435	74.7	46
09L45T_-MDL14	3425	74.5	3355	73.0	3140	68.3	3695	80.4	46
09L27T_-MDL07	1530	69.7	1500	68.3	1405	64.0	1655	75.4	22
09L35T_-MDL07	1800	82.0	1765	80.4	1655	75.3	1950	88.8	22
09L45T_-MDL07	1940	88.2	1900	86.4	1780	81.0	2100	95.5	22