

Project Name

Qty

Type

Catalog / Part Number



V410-XRLED

5 Year Warranty



Mounting Configuration



Wall
Mount



Post
Top



1 Arm
Mount



1 Arm
& Post
Top



2 Arm
Mount
@ 180°



2 Arm
Mount
@ 90°



2 Arm
@ 180°
& Post
Top



3 Arms
@ 120°



3 Arms
@ 90°



3 Arm
@ 120°
& Post
Top



4 Arms
@ 90°



4 Arm
@ 90° &
Post
Top



1 Arm
Mid-
Mount



2 Arm
Mid-
Mount
@ 180°



Chain
Hung



Stem
Hung



Pier
Base

Description

The V410 XRLED Venice series is a large scale lantern designed with traditional Italian styling. It shall be appointed with a hinged roof and cast aluminum pineapple finial and highly decorative volutes.

EPA: 2.15 (#²) | WEIGHT: 40 LBS

Features

Mounting Configuration

- 1W: Wall Mount
- PT: Post Top
- 1A: 1 Arm Mount
- 1APT: 1 Arm & Post Top
- 2A: 2 Arm Mount @ 180°
- 2A90: 2 Arm Mount @ 90°
- 2APT: 2 Arm @ 180° & Post Top
- 3A: 3 Arms @ 120°
- 3A90: 3 Arms @ 90°
- 3APT: 3 Arm @ 120° & Post Top
- 4A: 4 Arms @ 90°
- 4APT: 4 Arm @ 90° & Post Top
- 1AM: 1 Arm Mid-Mount
- 2AM: 2 Arm Mid-Mount @180°
- SH28: Stem Hung
- CH28: Chain Hung
- 450PB: Pier Base

Optional Fuse

FHD: Double Fuse and Holder

Optional House Side Shield

HSS: 120° House Side Shield

Optional Fixed Dimming Resistor Board

FDRB: Fixed Dimming Resistor Board

Physical

Fixture

V410: Venice, Large

Finish



Black
Textured



White
Textured



Park
Green
Textured



Arch
Med
Bronze
Tex



Dark
Bronze
Textured



Verde
Green



Swedish
Iron



Old
World
Gray
Tex



Old
Iron



Rust



Weathered Cedar
Brown



Weathered
Black



Two
Tone



Custom
Match

Lens	A: Clear Acrylic CSA: Clear Seeded Acrylic WA: White Acrylic
Optional Chimney	FMC: Frosted Mission Chimney
Finish	BKT: Black Textured WHT: White Textured PGT: Park Green Textured ABZT: Arch Med Bronze Tex DBT: Dark Bronze Textured VG: Verde Green SI: Swedish Iron OWGT: Old World Gray Tex OI: Old Iron RT: Rust WBR: Weathered Brown CD: Cedar WBK: Weathered Black TT: Two Tone CM: Custom Match

CCT - Color Temp (K)



2,700K



3,000K



3,500K



4,000K



4,500K

Distribution Type



Type 2



Type 3



Type 4



Type 5

Certifications



LED	XRLED-09L: 9 LEDs XRLED-12L: 12 LEDs
CCT - Color Temp (K)	27: 2,700K 30: 3,000K 35: 3,500K 40: 4,000K 45: 4,500K
Distribution Type	T2: Type 2 T3: Type 3 T4: Type 4 T5: Type 5

Electrical and control	
Driver	MDL07: 120V-277V, 700mA MDH07: 347V-480V, 700mA MDL14: 120V-277V, 1400mA MDH14: 347V-480V, 1400mA

Venice

V410 XRLED Large

Mounting Configuration	Overall Drop Length (In Inches) ^{(2) (3)}	Fixture	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens	Optional Fuse ⁽⁵⁾	Optional Chimney	Optional House Side Shield ⁽⁶⁾	Optional Fixed Dimming Resistor Board	Finish ^{(7) (8)}
1W Wall Mount		V410 Venice, Large	XRLED-09L 9 LEDs	27 2,700K	T2 Type 2	MDL07 120V-277V, 700mA ⁽⁴⁾	A Clear Acrylic	FHD Double Fuse and Holder	FMC Frosted Mission Chimney	HSS 120° House Side Shield	FDRB Fixed Dimming Resistor Board	BKT Black Textured
PT Post Top				30 3,000K	T3 Type 3	MDH07 347V-480V, 700mA ⁽⁴⁾	CSA Clear Seeded Acrylic					WHT White Textured
1A 1 Arm Mount				35 3,500K	T4 Type 4	MDL14 120V-277V, 1400mA	WA White Acrylic					PGT Park Green Textured
1APT 1 Arm & Post Top				40 4,000K	T5 Type 5	MDH14 347V-480V, 1400mA						ABZT Arch Med Bronze Tex
2A 2 Arm Mount @ 180°				45 4,500K								DBT Dark Bronze Textured
2A90 2 Arm Mount @ 90°												VG Verde Green
2APT 2 Arm @ 180° & Post Top												SI Swedish Iron
3A 3 Arms @ 120° ⁽¹⁾												OWGT Old World Gray Tex
3A90 3 Arms @ 90°												OI Old Iron
3APT 3 Arm @ 120° & Post Top ⁽¹⁾												RT Rust
4A 4 Arms @ 90°												WBR Weathered Brown
4APT 4 Arm @ 90° & Post Top												CD Cedar
1AM 1 Arm Mid-Mount												WBK Weathered Black
2AM 2 Arm Mid-Mount @ 180°												TT Two Tone
SH28 Stem Hung												CM Custom Match
CH28 Chain Hung												
450PB Pier Base												

1. Only available with a round profile pole.
2. Required field for Stem or Chain Mounting Configuration.
3. Minimum 50" Overall Drop Length.
4. Q9L system only.

5. Ships loose for installation in base.
6. Not for use with T5 optic.
7. Smooth finishes are available upon request.
8. Custom colors require upcharge.



Specifications

Housing	The housing is constructed utilizing precision cast aluminum parts.
Fitter	The aluminum fitter Includes 4 stainless steel Allen-head set screws for attachment to a pole/tenon, and shall slip fit a 3" OD x 3" tall tenon.
Hardware	Includes Stainless steel hardware. Most finishes will include hardware with a Black Oxide conversion coating. Light finishes will get non-color coated hardware (Whites and Silvers)
Lens	The luminaire includes a multi-piece lens installed internally to the body and held in place with aluminum clips., available in the following styles: (A) Clear Acrylic (CSA) Clear Seeded Acrylic (WA) White Acrylic
Serviceability	Tool-less access to the driver compartment for ease of installation and maintenance. Easy access to service the lens in the field.
UL Listing	UL listed per UL1598 and CSA C22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations.
Electronic Drivers	The LED driver is UL recognized and will be remotely mounted in the field, arm, pole or base depending on the selected options. It will be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections for fixture installation and maintenance. It will have DC voltage output and be a constant current design. It runs at 50/60HZ and will have overload, overheat, and short circuit protection. It will be supplied with a supplemental line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It will be a high efficiency driver with a THD less than 20% and a high-power factor greater than .9. It will be dimming capable using a 0-10V signal, consult factory for more information.
Finish	Our 6 Stage Polyester Powder coat paint system offers a beautiful high-end finish that holds up to even the most extreme environments. Each part is inspected for quality and consistency before being released for shipment. Our system exceeds AAMA 2604, AAMA 2605, ASTM D523 and ASTM D4214 requirements.
Traditional Finish	Traditional paint finishes are available in Sternberg Lighting's Traditional product line. A range of colors help accent the decorative elements on the product. Finishes are available in textured or smooth. Available finishes include: Black, White, Park Green, Architectural Medium Bronze and Dark Bronze
Sternberg Select Finish	The Sternberg Select antique-inspired palette adds a touch of vintage elegance to modern applications. Old World Gray Textured is a 1 part powder coat with metallic flakes. Verde Green and Swedish Iron is a 2 part finish that includes a powder coat base coat with a hand applied antique top coat. The top coat is unique to each application and changes over time.
Custom Finish	Custom finishes are offered to adapt to any application. Rust, Weathered Brown and Cedar are special 1 part powder coat finishes with a distinctive look. Old Iron and Weathered Black are 2 part finishes that includes a powder coat base coat with a hand applied antique top coat. The top coat is unique to each application and changes over time. Two-Tone and Custom Match options are available to blend Sternberg product with the site, consult factory for more information.
Warranty	5-year limited warranty (See Website for Terms and Conditions)



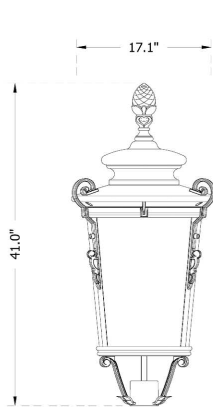
LEDs	The LEDs are mounted to maximize thermal transfer to the heat sink surface. The LEDs shall be 100% recyclable; not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. Lumen maintenance shall be determined in accordance with IESNA TM-21, based on LED manufacturer LM-80 test data of no less than 6,000 hours and in-situ testing of the luminaire by an NVLAP accredited Energy Efficient Lighting Products lab. The high-performance white LEDs will have a predicted lumen depreciation of approximately 100,000 hours with greater than 70% of initial output at 25°C. The high-brightness, high-output white LEDs shall be 4500K nominal (2700K, 3000K, 3500K or 4000K optional) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). Consult factory for custom CCT or CRI. The luminaire shall have a minimum _____ (see table) delivered initial lumens when operated at steady state with an average ambient temperature of 25°C (77°F). CCT Lumen Derate Values from 4,500K 2,700K (70+ CRI)=.79 3,000K (70+ CRI)=.86 3,500K (70+ CRI)=.93 4,000K (70+ CRI)=.96
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.
Backlight Optical Control	An optional INTERNAL 120° House Side Shield helps control backlight.
Frosted Chimney	An optional 3" diameter cylindrical opal glass Mission Chimney sits a top a decorative brass holder. This ornate feature adds a decorative element inside the lens to create a classic look.
Fixed Dimming Resistor Board (FDRB)	Optional numbered 10-step selector switch allows for fine adjustment of the light levels in the field, repeatable from location to location. Offers dimming from 25% to 100% of the original output. Enclosure is composite material, sealed to protect components for the life of the product.

Lumen Chart(s)

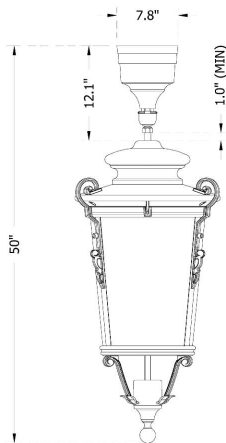
Tested with A lens

Model #	T2 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T3 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T5 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
12L45T_-MDL14	5330	B2U2G2	88.8	5140	B2U2G2	85.7	5205	B2U2G2	86.8	5715	B3U2G3	95.3	60
12L35T_-MDL14	4950	B2U2G2	82.5	4775	B2U2G2	79.6	4835	B2U2G2	80.6	5305	B3U2G3	88.4	60
12L27T_-MDL14	4190	B2U2G2	69.8	4040	B2U2G2	67.3	4090	B2U2G2	68.2	4490	B3U2G3	74.8	60
09L45T_-MDL14	3680	B2U1G2	80.0	3675	B1U2G2	79.9	3260	B1U1G1	70.9	3890	B3U2G3	84.6	46
09L35T_-MDL14	3415	B2U1G2	74.2	3415	B1U2G2	74.2	3025	B1U1G1	65.8	3610	B3U2G3	78.5	46
09L27T_-MDL14	2890	B2U1G2	62.8	2890	B1U2G2	62.8	2560	B1U1G1	55.7	3055	B3U2G3	66.4	46
09L45T_-MDL07	2045	B1U1G1	93.0	2030	B1U1G1	92.3	1775	B1U1G1	80.7	2140	B2U1G2	97.3	22
09L35T_-MDL07	1900	B1U1G1	86.4	1885	B1U1G1	85.7	1650	B1U1G1	75.0	1985	B2U1G2	90.2	22
09L27T_-MDL07	1605	B1U1G1	73.0	1595	B1U1G1	72.5	1395	B1U1G1	63.4	1680	B2U1G2	76.4	22

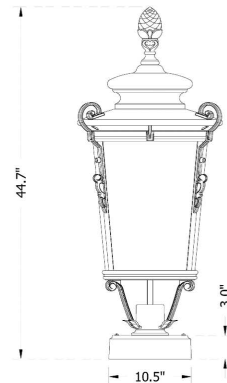
Dimensions



Large Venice Post Top
(V410)



Stem or Chain Hung
(SH28/CH28-V410)



Pier Mount
(450PB-V410)

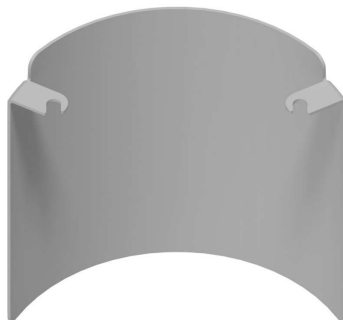
Options



Frosted Mission Chimney, Opal Glass
(FMC)



Double Fuse Holder & (2) 3A Fuses
(FHD)



House Side Shield (HSS)



Fixed Dimming Resistor Board (FDRB)