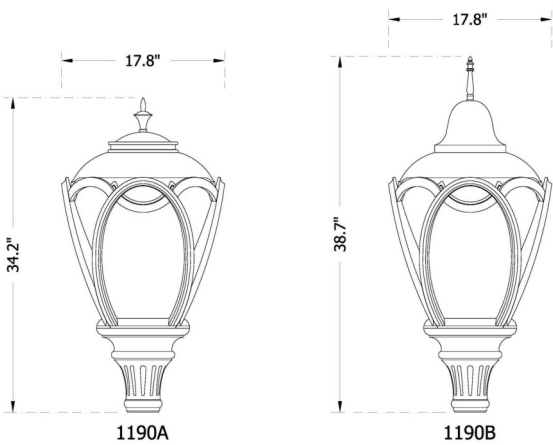


Project Name

Qty

Type

Catalog / Part Number



7 Year Warranty

7

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

CCT - Color Temp (K)

2,700K

3,000K

3,500K

4,000K

5,000K

Description

The 1190A/1190B VCOB Plaza series luminaire is an elegantly styled fixture which consists of a decorative cast aluminum cage, fitter and roof, along with a textured acorn. It features a fully cast aluminum decorative serpentine, petal shaped cage surrounding the acorn.

EPA: 1.15 (#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°

450PB: Pier Base

Optional Control

PEC: Electronic Button Photocontrol (120V-277V)
PEC4: Electronic Button Photocontrol (480V)

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

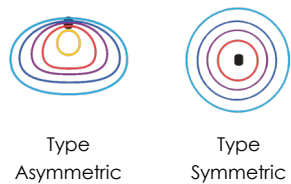
Physical

Fixture

1190A: Plaza, Short Roof

1190B: Plaza, Tall Roof

Distribution Type



Certifications



Fitter	5P: Slip fit 3" OD x 3" tall tenon/pole
Lens	A: Clear Textured Acrylic Acorn P: Clear Textured Poly Acorn WA: White Textured Acrylic Acorn WP: White Textured Poly
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

Light Source

LED	VCOB-4L: 4 LEDs
CCT - Color Temp (K)	27: 2,700K 30: 3,000K 35: 3,500K 40: 4,000K 50: 5,000K
Distribution Type	TS: Type Symmetric TA: Type Asymmetric

Electrical and control

Driver	MDL02: 120V-277V, 250mA MDH02: 347V-480V, 250mA MDL03: 120V-277V, 350mA MDH03: 347V-480V, 350mA MDL05: 120V-277V, 500mA MDH05: 347V-480V, 500mA
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How to Order

Mounting Configuration	Fixture	Fitter	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens	Optional Control	Optional Fuse ⁽²⁾	Optional House Side Shield ⁽³⁾	Optional Fixed Dimming Resistor Board	Finish
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° ⁽¹⁾ 3A90 3 Arms @ 90° 3APT 3 Arm @ 120° & Post Top ⁽¹⁾ 4A 4 Arms @ 90° 4APT 4 Arm @ 90° & Post Top 1AM 1 Arm Mid-Mount 2AM 2 Arm Mid-Mount @ 180° 450PB Pier Base	1190A Plaza, Short Roof 1190B Plaza, Tall Roof	5P Slip fit 3" OD x 3" tall tenon/pole	VCOB-4L 4 LEDs	27 2,700K 30 3,000K 35 3,500K 40 4,000K 50 5,000K	TS Type Symmetric TA Type Asymmetric	MDL02 120V-277V, 250mA MDH02 347V-480V, 250mA MDL03 120V-277V, 350mA MDH03 347V-480V, 350mA MDL05 120V-277V, 500mA MDH05 347V-480V, 500mA	A Clear Textured Acrylic P Clear Textured Poly Acorn WA White Textured Acrylic Acorn WP White Textured Poly	PEC Electronic Button Photocontrol (120V-277V) PEC4 Electronic Button Photocontrol (480V)	FHD Double Fuse and Holder	HSS 120° House Side Shield	FDRB Fixed Dimming Resistor Board	BKT Black Textured ⁽⁴⁾ WHT White Textured ⁽⁴⁾ PGT Park Green Textured ⁽⁴⁾ ABZT Arch Med Bronze Tex ⁽⁴⁾ DBT Dark Bronze Textured ⁽⁴⁾ VG Verde Green SI Swedish Iron OWGT Old World Gray Tex OI Old Iron ⁽⁵⁾ RT Rust ⁽⁵⁾ WBR Weathered Brown ⁽⁵⁾ CD Cedar ⁽⁵⁾ WBK Weathered Black ⁽⁵⁾ TT Two Tone ⁽⁵⁾ CM Custom Match ⁽⁵⁾

- Notes:
1. Only available with a round profile pole.

2. Ships loose for installation in base.

3. Not for use with TS optic.

4. Smooth finishes are available upon request.

5. Custom colors require upcharge.

Specifications

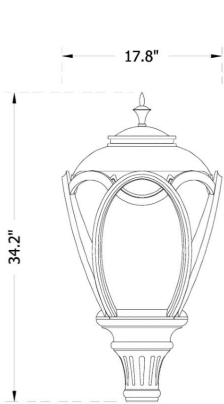
Fitter	The sand cast fitter is a heavy wall, low-copper aluminum 356 alloy for enhanced corrosion resistance and high tensile strength. It will have an 8-1/2" inside diameter opening to attach to the 8" neck of the lens. It includes 4 stainless steel Allen-head set screws for attachment. The fitter will include a one-piece ring bug gasket to resist insect penetration. 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	Clear or White textured acorn offered in dent resistant (DR) acrylic or UV stabilized polycarbonate material. An injection molding process adds a textured surface for glare mitigation.
Serviceability	Tool-less access to the driver compartment after the acorn is removed allows for trouble free servicing of the LED Driver and Surge Suppressor.
UL Listing	UL listed per UL1598 and CSA 22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations.
Electronic Driver	The LED driver is UL recognized and will be securely mounted inside the fixture, for optimized performance and longevity. 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	7-year limited warranty. See Website for Terms and Conditions.

LEDs	The LEDs in this system will be mounted vertically. They fully illuminate the luminaire and allow some up-light for vertical illumination. The luminaire shall use high output, high brightness LEDs, consisting of a two piece assembly complete with Chip on Board (COB) LED component and COB holder frame. 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 LED's 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 LEDs shall be 4000K (2700K, 3000K, 3500K or 5000K option) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). 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). CCT Lumen Derate Values from 4,000K 2,700K (80+ CRI)=.88 3,000K (70+ CRI)=.97 3,500K (80+ CRI)=.93 5,000K (70+ CRI)=1.01
Optics	The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type ____ (Symmetric or Asymmetric) light distribution. Testing shall be done in accordance with IESNA LM-79.
Backlight Optical Control	An optional INTERNAL 120° House Side Shield helps control backlight.
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.
Photocontrols	Button Photocell: The photocontrol shall be mounted on the fixture and pre-wired to driver. The electronic button type photocontrol is instant on and will turn on at 1.5 footcandles and will turn off at 2-3 footcandles. See pole spec sheet for pole mounted version.

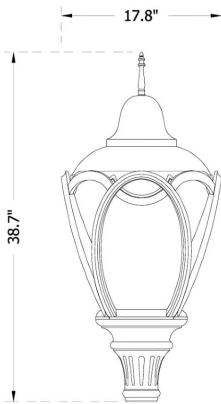
Lumen Chart(s)

Model #	TA DELIVERED LUMENS	BUG	EFFICACY (LPW)	TS DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
4L-40-T_-MDL05	6270	B2U3G3	83.6	6515	B3U3G3	86.9	75
4L-30-T_-MDL05	6075	B2U3G3	81.0	6310	B3U3G3	84.1	75
4L-27-T_-MDL05	5520	B2U3G3	73.6	5735	B3U3G3	76.5	75
4L-40-T_-MDL03	4940	B2U3G3	89.8	5115	B3U3G2	93.0	55
4L-30-T_-MDL03	4785	B2U3G3	87.0	4955	B3U3G2	90.1	55
4L-27-T_-MDL03	4350	B2U3G3	79.1	4505	B3U3G2	81.9	55
4L-40-T_-MDL02	3660	B1U3G2	91.5	3780	B2U3G2	94.5	40
4L-30-T_-MDL02	3545	B1U3G2	88.6	3660	B2U3G2	91.5	40
4L-27-T_-MDL02	3225	B1U3G2	80.6	3330	B2U3G2	83.3	40

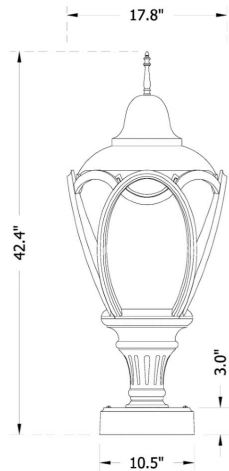
Dimensions



Plaza, Short Roof (1190A)



Plaza, Tall Roof (1190B)



Pier Base (450PB)

Options



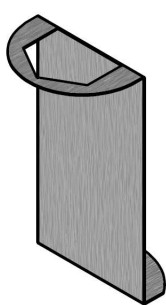
Button Photocell (PEC)



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



Fixed Dimming Resistor Board (FDRB)



House Side Shield (HSS)