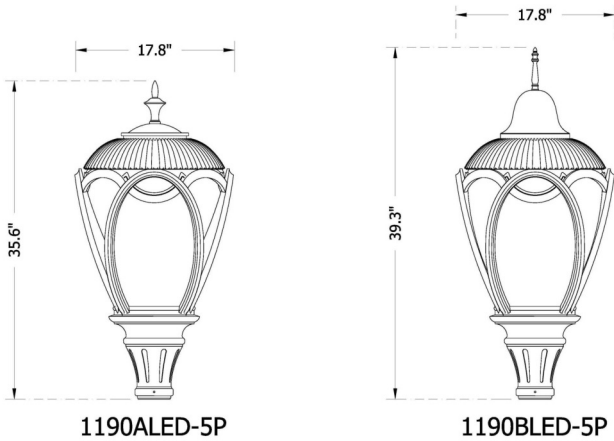


Project Name

Qty

Type

Catalog / Part Number



7 Year Warranty

Description



The 1190ALED/1190BLED 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: 45 LBS

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

1 Arm Mid-Mount

2 Arm Mid-Mount @ 180°

Pier Base

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

- BLOC: Back Light Optical Control

Optional Fixed Dimming Resistor Board

- FDRB: Fixed Dimming Resistor Board

Physical

Fixture

- 1190ALED: Short Roof
- 1190BLED: Tall Roof

Fitter

- 5P: Slip fit 3" OD x 3" tall tenon/pole

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

Distribution Type



Type 2



Type 3



Type 4



Type 5

IP Rating



IP 65

Certifications



UL US
LISTED

Lens

P: Clear Textured Poly Acorn
A: Clear Textured Acrylic Acorn

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

12L: 12 LEDs
16L: 16 LEDs
24L: 24 LEDs

CCT - Color Temp (K)

27: 2,700K
30: 3,000K
35: 3,500K
40: 4,000K
50: 5,000K

Distribution Type

T2: Type 2
T3: Type 3
T4: Type 4
T5: Type 5

Electrical and control

Driver

MDL014: 120V-277V,140mA
MDH014: 347V-480V,140mA
MDL008: 120V-277V,80mA
MDH008: 347V-480V,80mA

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° 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	1190ALED Short Roof 1190BLED Tall Roof	5P Slip fit 3" OD x 3" tall tenon/pole	12L 12 LEDs 16L 16 LEDs 24L 24 LEDs	27 2,700K 30 3,000K 35 3,500K 40 4,000K 50 5,000K	T2 Type 2 T3 Type 3 T4 Type 4 T5 Type 5	MDL014 120V-277V, 140mA MDH014 347V-480V, 140mA MDL008 120V-277V, 80mA ⁽¹⁾ MDH008 347V-480V, 80mA ⁽¹⁾	P Clear Textured Poly Acorn A Clear Textured Acrylic Acorn	PEC Electronic Button Photocontrol (120V-277V) PEC4 Electronic Button Photocontrol (480V)	FHD Double Fuse and Holder	BLOC Back Light Optical Control	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. 12L system only.

2. Ships loose for installation in base.

3. Not for use with T5 optic.

4. Smooth finishes are available upon request.

5. Custom colors require upcharge.

Specifications

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	Clear textured acorn offered in impact 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.
IP Rating	IP65 rated luminaire for enhanced protection against dust and water intrusion.
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 fully shielded in a direct downward position to maximize efficiency. 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 4000K nominal (2700K, 3000K, 3500K or 5000K 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 4,000K 2,700K (70+ CRI)=.85 3,000K (70+ CRI)=.92 3,500K (70+ CRI)=1.00 5,000K (70+ CRI)=1.00

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	BLOC Optic (BLOC): An optional "Back Light Optical Control" shield can be provided at the factory. This is an internal optic level "House Side Shield" offering significantly reduced backlight and glare while maintaining the original design aesthetics of the luminaire.
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 #	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
24L40T_-MDL014	8390	B2U3G2	95.3	8310	B3U3G3	94.4	8600	B2U3G3	97.7	8825	B3U3G2	100.3	88
24L30T_-MDL014	7745	B2U3G2	88.0	7670	B3U3G3	87.2	7940	B2U3G3	90.2	8145	B3U3G2	92.6	88
24L27T_-MDL014	7100	B2U3G2	80.7	7030	B3U3G3	79.9	7275	B2U3G3	82.7	7465	B3U3G2	84.8	88
16L40T_-MDL014	5735	B2U3G2	95.6	5565	B2U3G2	92.8	5905	B2U3G2	98.4	6015	B3U3G2	100.3	60
16L30T_-MDL014	5295	B2U3G2	88.3	5135	B2U3G2	85.6	5450	B2U3G2	90.8	5550	B3U3G2	92.5	60
16L27T_-MDL014	4855	B2U3G2	80.9	4710	B2U3G2	78.5	4995	B2U3G2	83.3	5090	B3U3G2	84.8	60
12L40T_-MDL014	4330	B1U3G2	94.1	4270	B2U3G2	92.8	4445	B1U3G2	96.6	4565	B2U3G2	99.2	46
12L30T_-MDL014	3995	B1U3G2	86.8	3940	B2U3G2	85.7	4105	B1U3G2	89.2	4215	B2U3G2	91.6	46
12L27T_-MDL014	3665	B1U3G2	79.7	3615	B2U3G2	78.6	3760	B1U3G2	81.7	3865	B2U3G2	84.0	46
12L40T_-MDL008	2625	B1U3G1	97.2	2585	B1U3G1	95.7	2675	B1U3G1	99.1	2755	B2U3G1	102.0	27
12L30T_-MDL008	2425	B1U3G1	89.8	2385	B1U3G1	88.3	2470	B1U3G1	91.5	2545	B2U3G1	94.3	27
12L27T_-MDL008	2220	B1U3G1	82.2	2185	B1U3G1	80.9	2265	B1U3G1	83.9	2330	B2U3G1	86.3	27

Options

A black, cylindrical button photocell with a flared top and a mounting bracket at the base.

Button Photocell (PEC)

A black, rectangular fixed dimming resistor board with a circular dial and numbers 1 through 10, and two wires extending from the side.

Fixed Dimming Resistor Board (FDRB)

A black plastic double fuse holder with two 3A fuses inserted, accompanied by two O-rings and a screw.

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