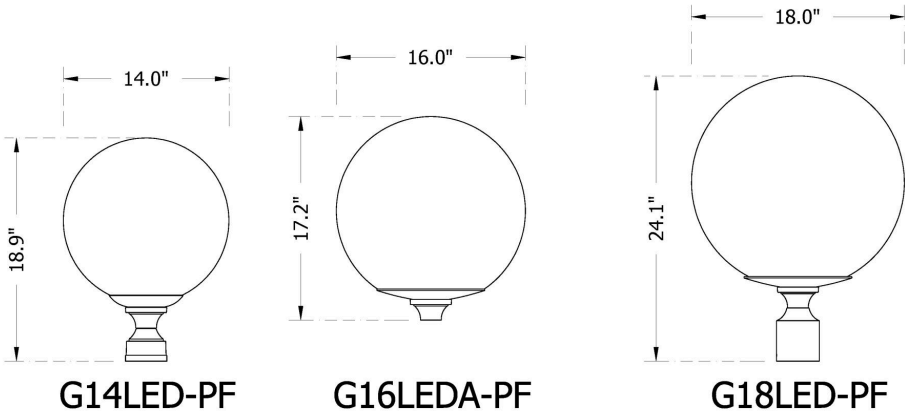


Project Name

Qty

Type

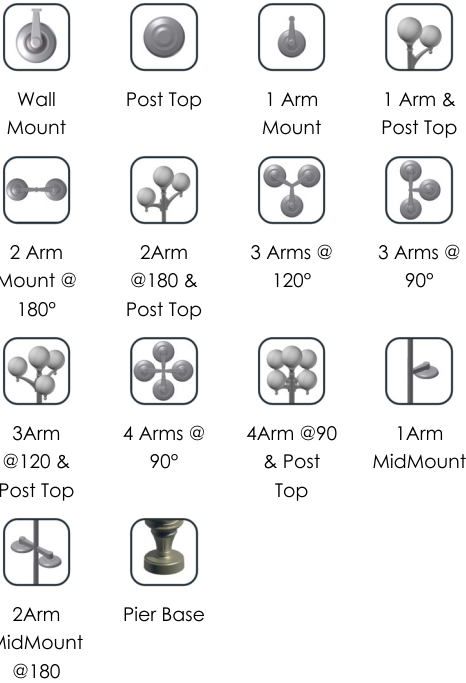
Catalog / Part Number



Certifications



Mounting Configuration



Description

The plain fitter LED Globe is a classic fixture style provided with an acrylic globe and a cast aluminum dish fitter. The white, red, blue or frosted globes are available in sizes from 14" to 22".

EPA: .87-1.93 (ft²)
WEIGHT: 15 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: 2Arm @180 & Post Top
- 3A: 3 Arms @ 120°
- 3A90: 3 Arms @ 90°
- 3APT: 3Arm @120 & Post Top
- 4A: 4 Arms @ 90°
- 4APT: 4Arm @90 & Post Top
- 1AM: 1Arm MidMount
- 2AM: 2Arm MidMount @180
- 673PB: Pier Base

Fixture

- G14LED: 14" Diameter Globe
- G14LEDA: 14" Globe, Arm Mount
- G16LED: 16" Diameter Globe
- G16LEDA: 16" Globe, Arm Mount
- G18LED: 18" Diameter Globe
- G18LEDA: 18" Globe, Arm Mount
- G20LED: 20" Diameter Globe
- G20LEDA: 20" Globe, Arm Mount
- G22LED: 22" Diameter Globe
- G22LEDA: 22" Globe, Arm Mount

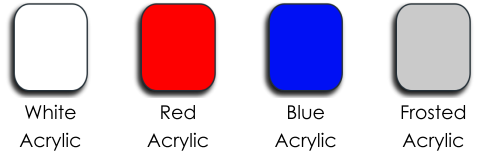
Fitter

PF: Plain Fitter

Finish



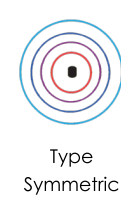
Lens



CCT - Color Temp (K)



Distribution Type



Lens	WA: White Acrylic RA: Red Acrylic BA: Blue Acrylic FA: Frosted Acrylic
Optional Fuse	FHD: Double Fuse and Holder
Optional Vinyl Lettering	VLP: Vinyl Lettering, "Police" VLF: Vinyl Lettering, "Fire" VLC: Vinyl Lettering, custom
Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board
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	1L: 1 LED
CCT - Color Temp (K)	27: 2,700K 30: 3,000K 35: 3,500K 40: 4,000K 50: 5,000K
Distribution Type	TS: Type Symmetric
Driver	MDL03: 120V-277V, 300mA MDH03: 347V-480V, 300mA MDL04: 120V-277V, 400mA MDH04: 347V-480V, 400mA MDL05: 120V-277V, 500mA MDH05: 347V-480V, 500mA MDL06: 120V-277V, 625mA MDH06: 347V-480V, 625mA

Important

Virtual Patent Marking Notice

This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

How to Order

Mounting Configuration	Fixture	Fitter	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens	Optional Fuse ⁽³⁾	Optional Vinyl Lettering	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 2Arm @180 & Post Top 3A 3 Arms @ 120° ⁽¹⁾ 3A90 3 Arms @ 90° 3APT 3Arm @120 & Post Top ⁽¹⁾ 4A 4 Arms @ 90° 4APT 4Arm @90 & Post Top 1AM 1Arm MidMount 2AM 2Arm MidMount @180 673PB Pier Base ⁽²⁾	G14LED 14" Diameter Globe G14LEDA 14" Globe, Arm Mount G16LED 16" Diameter Globe G16LEDA 16" Globe, Arm Mount G18LED 18" Diameter Globe G18LEDA 18" Globe, Arm Mount G20LED 20" Diameter Globe G20LEDA 20" Globe, Arm Mount G22LED 22" Diameter Globe G22LEDA 22" Globe, Arm Mount	PF Plain Fitter	1L 1 LED	27 2,700K 30 3,000K 35 3,500K 40 4,000K 50 5,000K	TS Type Symmetric	MDL03 120V-277V, 300mA MDH03 347V-480V, 300mA MDL04 120V-277V, 400mA MDH04 347V-480V, 400mA MDL05 120V-277V, 500mA MDH05 347V-480V, 500mA MDL06 120V-277V, 625mA MDH06 347V-480V, 625mA	WA White Acrylic RA Red Acrylic BA Blue Acrylic FA Frosted Acrylic	FHD Double Fuse and Holder	VLP Vinyl Lettering, "Police" VLF Vinyl Lettering, "Fire" VLC Vinyl Lettering, custom	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. For use with ARM MOUNT option

3. Ships loose for installation in base.
4. Smooth finishes are available upon request.

5. Custom colors require upcharge.

Specifications

Fitter	The fitter shall be heavy wall cast aluminum for high tensile strength. It includes 4 stainless steel Allen-head set screws for attachment to a pole/tenon. 14" globe size slip fits 3"ODx1.5" tall tenon 16-22" globe size slip fits 3"ODx3" tall tenon Achieve a clean, seamless aesthetic with our "Arm Mount" fixture option. This mounting style allows the luminaire to be directly connected to the arm providing a streamlined look. Only available for use with the following arms: 80, 480, 78, 478, 1080, 1089, 1082 and 121
Recommended Arms	This classic luminaire pairs well with the variety of arms: 80, 78, 6236 and TA An assortment of alternate arms are available to suit any application. Build your assembly in Genesis to review different arm styles.
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)
Globe	Acrylic globes offered in White, Frosted, translucent Red and translucent Blue. Available in sizes from 14" to 22". 14" globe has a 5" hole, 16"-22" has an 8" hole. Internal wing clamps compresses the globe to the fitter.
Vinyl Lettering	Optional factory installed vinyl letter stenciling uses high quality outdoor rated material. Standard options include "Fire" or "Police" with custom lettering also available. White lettering standard on Blue and Red globes. Black lettering standard on White and Frosted globes
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, or be INTEGRAL to Pier Base application. 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
Warranty	7-year limited warranty. See Website for Terms and Conditions.
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.

LEDs	The LEDs in this system will be mounted horizontally, upward facing. The system fully illuminates 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 a single, molded silicone omnidirectional optic applied to the LED. The luminaire shall provide a Symmetric light distribution only. The optic shall evenly dispense the light around the interior of the globe for a uniform exterior appearance. Testing shall be done in accordance with IESNA LM-79.
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 WA lens

Model #	DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
1L-40-TS-MD_06	2110	B1U4G2	81.2	26
1L-30-TS-MD_06	2045	B1U4G2	78.7	26
1L-27-TS-MD_06	1860	B1U4G2	71.5	26
1L-40-TS-MD_05	1730	B1U4G1	82.4	21
1L-30-TS-MD_05	1675	B1U4G1	79.8	21
1L-27-TS-MD_05	1525	B1U4G1	72.6	21
1L-40-TS-MD_04	1435	B1U4G1	89.7	16
1L-30-TS-MD_04	1390	B1U4G1	86.9	16
1L-27-TS-MD_04	1265	B1U4G1	79.1	16
1L-40-TS-MD_03	1110	B0U3G1	92.5	12
1L-30-TS-MD_03	1075	B0U3G1	89.6	12
1L-27-TS-MD_03	975	B0U3G1	81.3	12

Options



Red Globe with "Fire" vinyl letter stencil (VLF)



Fixed Dimming Resistor Board (FDRB)



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

Recommended Arms

An assortment of alternate arms are also available



(80) Arm



(78) Arm

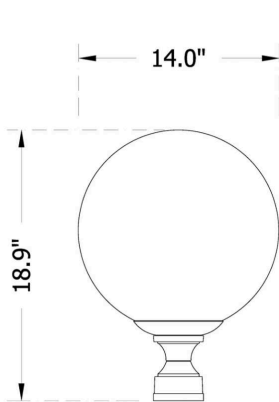


(6236) Arm

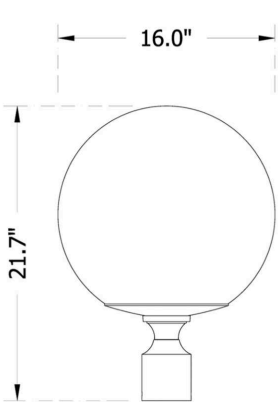


(TA) Arm

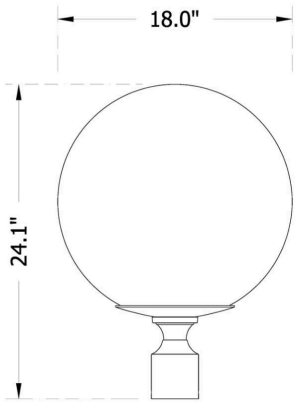
Dimensions



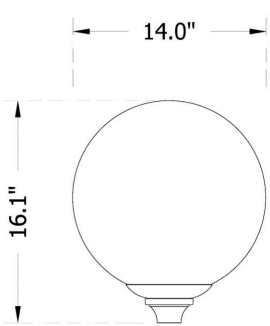
14" Globe (G14LED)



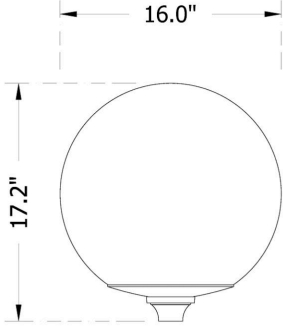
16" Globe (G16LED)



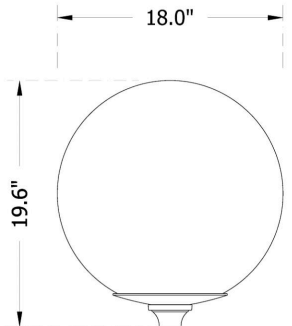
18" Globe (G18LED)



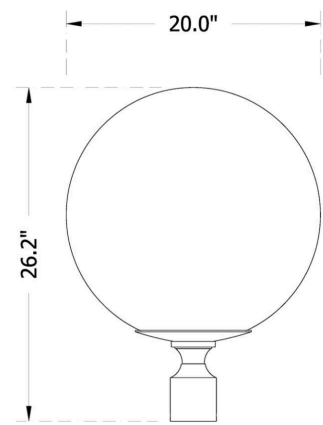
14" Globe, Arm Mount (G14LEDA)



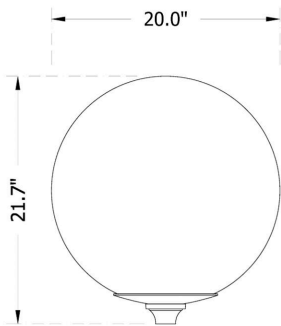
16" Globe, Arm Mount (G16LEDA)



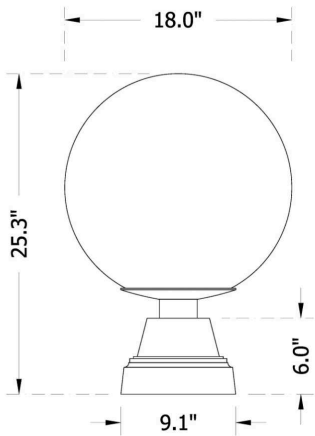
18" Globe, Arm Mount (G18LEDA)



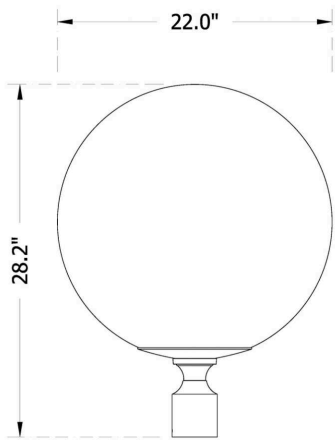
20" Globe (G20LED)



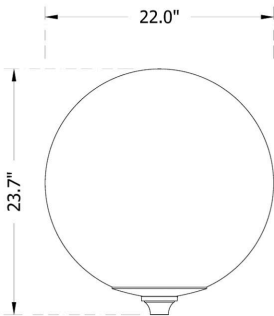
20" Globe, Arm Mount (G20LEDA)



Pier Base (673PB)



22" Globe (G22LED)



22" Globe, Arm Mount (G22LEDA)