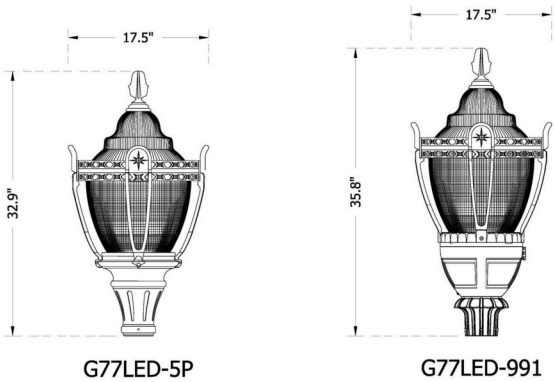


Project Name

Qty

Type

Catalog / Part Number



Certifications



Mounting Configuration



Wall
Mount



Post Top



1 Arm
Mount



1 Arm &
Post Top



2 Arm
Mount @
180°



2 Arm
Mount @
90°



2Arm
@180 &
Post Top



3 Arms @
120°



3 Arms @
90°



3Arm
@120 &
Post Top



4 Arms @
90°



4Arm @90
& Post
Top



1Arm
MidMount



2Arm
MidMount
@180



Pier Base

Description

The G77LED Hartford series is a stylized nostalgic 1920's glass caged acorn fixture with distinct styling which consists of a decorative cast aluminum fitter, cage and high efficiency prismatic glass acorn with hinged top. It shall be appointed with a cast aluminum decorative 4-vane finial.

EPA: 1.58 (ft²) | WEIGHT: 33 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: 1 Arm MidMount	2AM: 2Arm MidMount @180
	450PB: Pier Base	
Fixture	G77LED: Hartford	
Fitter	5P: Slip fit 3" OD x 3" tall tenon/pole 990: Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole 991: Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole 992: Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole 993: Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole 994: Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole 995: Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole BD4: Slip fit 4" OD x 5" tall tenon/pole BD5: Slip fit 5" OD x 6" tall tenon/pole BD7: Slip fit 7" OD x 1" tall tenon/pole OL3: Oak-Leaf, Slip fit 3" OD x 3" tall tenon/pole OL4: Oak-Leaf, Slip fit 4" OD x 3" tall tenon/pole C2097: Low-Profile, Slip fit 7" OD x 1" tall tenon/pole	
Lens	G: Glass	
Optional Control Receptacle	R7: 7-Pin control receptacle only	

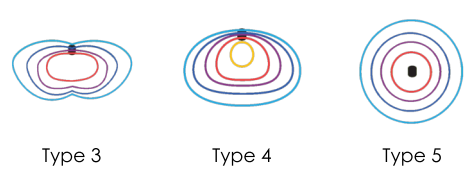
Finish



CCT - Color Temp (K)



Distribution Type



Optional Control	PE: Twist-Lock Photocontrol (120V-277V) PE4: Twist-Lock Photocontrol (347V-480V) SC: Shorting Cap PEC: Electronic Button Photocontrol (120V-277V) PEC4: Electronic Button Photocontrol (480V)	
Optional Fuse	FHD: Double Fuse and Holder	
Optional Terminal Block	TB: Terminal Block	
Optional Receptacle	GFI: 120V, 15A Duplex GFI for Utility Fitter	
Optional House Side Shield	HSS: 120° House Side Shield	
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	
Light Source	WBK: Weathered Black	
	TT: Two Tone	
	CM: Custom Match	
LED	4L: 4 LEDs	
CCT - Color Temp (K)	27: 2,700K	
	30: 3,000K	
	35: 3,500K	
	40: 4,000K	
	50: 5,000K	
Distribution Type	T3: Type 3	
	T4: Type 4	
	T5: Type 5	
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
	MDL06: 120V-277V, 630mA	MDH06: 347V-480V, 630mA

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
1W Wall Mount	G77LED Hartford	5P 3" OD x 3" tall tenon	4L 4 LEDs	27 2,700K	T3 Type 3	MDL02 120V-277V, 250mA	G Glass
PT Post Top		990 Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole		30 3,000K			
1A 1 Arm Mount		991 Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole		35 3,500K			
1APT 1 Arm & Post Top		992 Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole		40 4,000K			
2A 2 Arm Mount @ 180°		992 Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole		50 5,000K			
2A90 2 Arm Mount @ 90°		993 Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole				MDH02 347V-480V, 250mA	
2APT 2Arm @180 & Post Top		994 Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole				MDL03 120V-277V, 350mA	
3A 3 Arms @ 120°		995 Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole				MDH03 347V-480V, 350mA	
3A90 3 Arms @ 90°		BD4 Slip fit 4" OD x 5" tall tenon/pole				MDL05 120V-277V, 500mA	
3APT 3Arm @120 & Post Top		BD5 Slip fit 5" OD x 6" tall tenon/pole				MDH05 347V-480V, 500mA	
4A 4 Arms @ 90°		BD7 Slip fit 7" OD x 1" tall tenon/pole				MDL06 120V-277V, 630mA	
4APT 4Arm @90 & Post Top		OL3 Oak-Leaf, Slip fit 3" OD x 3" tall tenon/pole				MDH06 347V-480V, 630mA	
1AM 1Arm MidMount		OL4 Oak-Leaf, Slip fit 4" OD x 3" tall tenon/pole					
2AM 2Arm MidMount @180		C2097 Low-Profile, Slip fit 7" OD x 1" tall tenon/pole ⁽¹⁾ ⁽²⁾					
450PB Pier Base							

- Notes:
1. Consult factory for use on concrete poles.

2. Not for use with button photocell

How to Order

Optional Control Receptacle ⁽³⁾ ⁽⁴⁾ ⁽⁵⁾	Optional Control	Optional Fuse ⁽⁹⁾	Optional Terminal Block ⁽³⁾	Optional Receptacle ⁽³⁾ ⁽¹⁰⁾	Optional House Side Shield ⁽¹¹⁾	Optional Fixed Dimming Resistor Board ⁽⁷⁾	Finish
R7 7-Pin control receptacle only	PE Twist-Lock Photocontrol (120V- 277V) ⁽⁶⁾ PE4 Twist-Lock Photocontrol (347V- 480V) ⁽⁶⁾ SC Shorting Cap ⁽⁶⁾ PEC Electronic Button Photocontrol (120V- 277V) ⁽⁷⁾ ⁽⁸⁾ PEC4 Electronic Button Photocontrol (480V) ⁽⁷⁾ ⁽⁸⁾	FHD Double Fuse and Holder	TB Terminal Block	GFI 120V, 15A Duplex GFI for Utility Fitter	HSS 120° House Side Shield	FDRB Fixed Dimming Resistor Board	BKT Black Textured ⁽¹²⁾ WHT White Textured ⁽¹²⁾ PGT Park Green Textured ⁽¹²⁾ ABZT Arch Med Bronze Tex ⁽¹²⁾ DBT Dark Bronze Textured ⁽¹²⁾ VG Verde Green SI Swedish Iron OWGT Old World Gray Tex OI Old Iron ⁽¹³⁾ RT Rust ⁽¹³⁾ WBR Weathered Brown ⁽¹³⁾ CD Cedar ⁽¹³⁾ WBK Weathered Black ⁽¹³⁾ TT Two Tone ⁽¹³⁾ CM Custom Match ⁽¹³⁾

Notes:

3. For 900 series utility fitter only.

4. Not for use with FDRB.

5. For use with standard 3-Pin photocells only, not for use with a wireless network controller.

6. Requires control receptacle.

7. Not for use with R7.

8. Not for use with C2097 fitter.
9. Ships loose for installation in base.

10. For use with MDLxx driver only.

11. Not for use with TS optic.

12. Smooth finishes are available upon request.

13. Custom colors require upcharge.

Specifications

Available with Intellistreets® Technology	Intellistreets® is an integrated set of solutions offering the capability to see, hear, and record what's happening on your streets, through both cameras and audio sensors.
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. Utility Fitter: The die-cast fitter shall be heavy wall, low-copper 360 aluminum alloy for enhanced corrosion resistance and high tensile strength. It shall have a hinged, tool-less entry door that provides open access to all components. The 900 series shall have an optional terminal block for ease of wiring, an optional Twist-Lock Photocontrol receptacle, an optional single GFCI outlet for auxiliary power needs. The top mounted driver mounting plate will provide tool-less removal from the housing using 2 finger latches. The fitter shall have a one-piece ring gasket to resist insect penetration into globe assembly. When supplied with GFCI receptacle a hole will be provided for cord and plug installation with the access door closed. When cord and plug is not in use a filler plug will be provided and shall be tethered to the fitter for easy recovery and installation.
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)
Glass Lens	Includes a prismatic molded borosilicate glass refractor that will hold its optical efficiency for the life of the product. External prisms distribute the light downward while offering 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 C22.2 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 refractor type optics from the external prismatic acorn lens. The luminaire shall provide Type ____ (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.
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. Twist-Lock Style (Utility Fitter): The photocontrol shall be mounted in the utility fitter and prewired to driver. Utility fitter includes acrylic window to read ambient light levels. The twist lock type photocontrol is instant on with a 3-6 second turn off, and shall turn on at 1.5 footcandles with a turnoff at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years. For use with standard photocells only, not for use with a wireless network controller.

Lumen Chart(s)

Model #	T3 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T5 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
4L40T_-MDL06	7575	B2U5G5	77.3	7870	B3U5G4	80.3	7960	B3U5G4	81.2	98
4L30T_-MDL06	7335	B2U5G5	74.8	7625	B3U5G4	77.8	7710	B3U5G4	78.7	98
4L27T_-MDL06	6670	B2U5G5	68.1	6930	B3U5G4	70.7	7010	B3U5G4	71.5	98
4L40T_-MDL05	6240	B2U4G5	83.2	6450	B3U4G4	86.0	6510	B3U4G3	86.8	75
4L30T_-MDL05	6045	B2U4G5	80.6	6245	B3U4G4	83.3	6305	B3U4G3	84.1	75
4L27T_-MDL05	5495	B2U4G5	73.3	5680	B3U4G4	75.7	5730	B3U4G3	76.4	75
4L40T_-MDL03	4905	B1U4G4	89.2	5045	B2U4G3	91.7	5100	B3U4G3	92.7	55
4L30T_-MDL03	4750	B1U4G4	86.4	4885	B2U4G3	88.8	4940	B3U4G3	89.8	55
4L27T_-MDL03	4320	B1U4G4	78.5	4440	B2U4G3	80.7	4490	B3U4G3	81.6	55
4L40T_-MDL02	3625	B1U3G3	90.6	3730	B2U4G3	93.3	3760	B3U4G3	94.0	40
4L30T_-MDL02	3510	B1U3G3	87.8	3615	B2U4G3	90.4	3640	B3U4G3	91.0	40
4L27T_-MDL02	3190	B1U3G3	79.8	3285	B2U4G3	82.1	3310	B3U4G3	82.8	40

Options



Button Photocell (PEC)



Fixed Dimming Resistor Board (FDRB)



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

Fitters



5P Fitter

10-1/8" W x 10-3/8" H
Fits 3" OD x 3" tall tenon/pole



990 (or 994) Utility Fitter

10-1/2" W x 15-3/4" H
Fits 3" (or 4") OD x 3" tall tenon/pole



991 Utility Fitter

10-1/2" W x 13-1/8" H
Fits 3" OD x 3" tall tenon/pole



992 Utility Fitter

10-1/2" W x 13-1/8" H
Fits 3" OD x 3" tall tenon/pole



993 (or 995) Utility Fitter

10-1/2" W x 15-3/4" H
Fits 3" (or 4") OD x 3" tall tenon/pole



BD4 Fitter

10-1/8" W x 10-1/8" H
Fits 4" OD x 5" tall tenon/pole



BD5 Fitter

10-1/8" W x 10-1/4" H
Fits 5" OD x 6" tall tenon/pole



BD7 Fitter

10-1/8" W x 11-3/4" H
Fits 7" OD x 1" tall tenon/pole



OL3 (or OL4) Fitter

10-1/8" W x 10-3/8" H
Fits 3" (or 4") OD x 3" tall tenon/pole



C2097 Fitter

10" W x 3-1/4" H
Fits 7" OD x 1" tall tenon/pole

Utility Fitter Details

Optional Accessories

990 Utility Fitter

