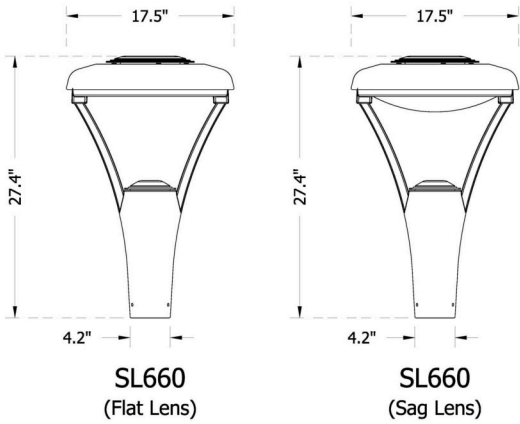


Project Name

Qty

Type

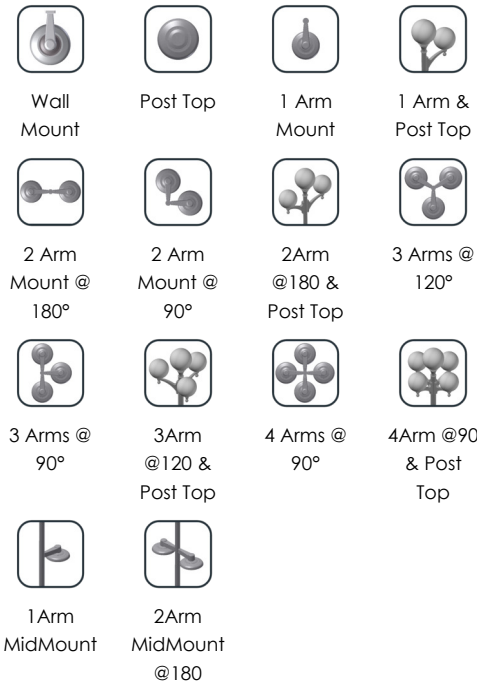
Catalog / Part Number



Certifications



Mounting Configuration



Description

The Solana™ Post Top Luminaire's modern geometric design complements a diverse assortment of contemporary architectural settings. It's urbanesque yoke design offers not only aesthetic beauty, durability and optical efficiency, but takes street, area, and medium mount lighting to another level. The Medium Solana™ SL660 is well suited for all site and pedestrian environments.

EPA: .9 (ft²) | WEIGHT: 29 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

Fixture

SL660: Medium Solana Post Top

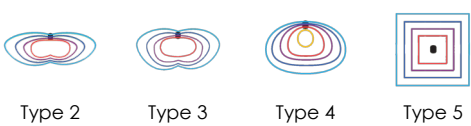
Finish



CCT - Color Temp (K)



Distribution Type



Lens	CA: Clear Acrylic FG: Flat Glass SA: Sag Acrylic FFG: Frosted Flat Glass SV1: Flat SoftVue™ Light Diffused Acrylic SV2: Flat SoftVue™ Moderate Diffused Acrylic SV4: Flat SoftVue™ Maximum Diffused Acrylic SV1SA: SoftVue™ Light Diffused Sag Acrylic SV2SA: SoftVue™ Moderate Diffused Sag Acrylic SV4SA: SoftVue™ Maximum Diffused Sag Acrylic
Optional Control Receptacle	R7: 7-Pin control receptacle only
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 House Side Shield	HSS: 120° House Side Shield BLOC: Back Light Optical Control
Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board
Finish	UGMT: Urban Gun Metal Textured UGM: Urban Gun Metal Matte UBT: Urban Bronze Textured UB: Urban Bronze Matte USLT: Urban Silver Textured USL: Urban Silver Matte UWHT: Urban White Textured UWH: Urban White Matte BKT: Black Textured CM: Custom Match

Light Source

LED	24L: 24 LEDs 12L: 12 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
Driver	MDL018: 120V-277V, 180mA MDH018: 347V-480V, 180mA MDL014: 120V-277V, 140mA MDH014: 347V-480V, 140mA MDL008: 120V-277V, 80mA MDH008: 347V-480V, 80mA

Electrical and control

Optional Motion Sensor	MOT1: 360° lens, maximum coverage 40' diameter from 20' height
	MOT2: 360° lens, maximum coverage 70' diameter from 20' height

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	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens
1W Wall Mount	SL660 Medium Solana Post Top	24L 24 LEDs	27 2,700K	T2 Type 2	MDL018 120V-277V, 180mA MDH018 347V-480V, 180mA MDL014 120V-277V, 140mA MDH014 347V-480V, 140mA MDL008 120V-277V, 80mA ⁽¹⁾ MDH008 347V-480V, 80mA ⁽¹⁾	CA Clear Acrylic
PT Post Top			30 3,000K	T3 Type 3		FG Flat Glass
1A 1 Arm Mount			35 3,500K	T4 Type 4		SA Sag Acrylic
1APT 1 Arm & Post Top			40 4,000K	T5 Type 5		FFG Frosted Flat Glass
2A 2 Arm Mount @ 180°			50 5,000K			SV1 Flat SoftVue™ Light Diffused Acrylic
2A90 2 Arm Mount @ 90°						SV2 Flat SoftVue™ Moderate Diffused Acrylic
2APT 2Arm @180 & Post Top						SV4 Flat SoftVue™ Maximum Diffused Acrylic
3A 3 Arms @ 120°						SV1SA SoftVue™ Light Diffused Sag Acrylic
3A90 3 Arms @ 90°						SV2SA SoftVue™ Moderate Diffused Sag Acrylic
3APT 3Arm @120 & Post Top						SV4SA SoftVue™ Maximum Diffused Sag Acrylic
4A 4 Arms @ 90°						
4APT 4Arm @90 & Post Top						
1AM 1Arm MidMount						
2AM 2Arm MidMount @180						

Notes:

1. 12L system only.

How to Order

Optional Control Receptacle ^{(2) (3)}	Optional Control	Optional Motion Sensor	Optional Fuse	Optional House Side Shield	Optional Fixed Dimming Resistor Board ^{(2) (5)}	Finish
R7 7-Pin control receptacle only	PE Twist-Lock Photocontrol (120V-277V) ⁽⁴⁾ PE4 Twist-Lock Photocontrol (347V-480V) ⁽⁴⁾ SC Shorting Cap ⁽⁴⁾ PEC Electronic Button Photocontrol (120V-277V) PEC4 Electronic Button Photocontrol (480V)	MOT1 360° lens, maximum coverage 40" diameter from 20' height MOT2 360° lens, maximum coverage 70" diameter from 20' height	FHD Double Fuse and Holder	HSS 120° House Side Shield BLOC Back Light Optical Control	FDRB Fixed Dimming Resistor Board	UGMT Urban Gun Metal Textured UGM Urban Gun Metal Matte UBT Urban Bronze Textured UB Urban Bronze Matte USLT Urban Silver Textured USL Urban Silver Matte UWHT Urban White Textured UWH Urban White Matte BKT Black Textured CM Custom Match ⁽⁶⁾

Notes:

2. Not for use with Motion Sensor.

3. Not for use with FDRB.

4. Requires control receptacle.
5. Not for use with R7.

6. Custom colors require upcharge.

Specifications

Housing	The heavy wall permanent mold heat sink is constructed of low-copper aluminum 356 alloy for enhanced corrosion resistance and high tensile strength. The finned heat sink efficiently dissipates heat from the source and is covered with an spun aluminum cap.
Thermal Management	Our convective AAD™ “Advanced Airflow Dynamics” technology maximizes heat sink effectiveness to deliver unsurpassed passive thermal management for long-life LED performance and energy efficiency.
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	Optional glare reducing SoftVue™ lens provides optimal visual comfort. Uses a .125" thick acrylic lens. Offered with Clear Acrylic (CA), Clear Sag Acrylic (SA), Flat Soft Vue Medium Diffused Acrylic (SV1), Sag Soft Vue Medium Diffused Acrylic (SV1SA), Flat Soft Vue Heavy Diffused Acrylic (SV2), Sag Soft Vue Heavy Diffused Acrylic (SV2SA), Flat Soft Vue Maximum Diffused Acrylic (SV4) or Sag Soft Vue Maximum Diffused Acrylic (SV4SA). Also available with .188" thick glass lens. Flat Glass (FG) or Frosted Flat Glass (FFG)
Serviceability	Tool-less access to the driver compartment for ease of installation and maintenance.
UL Listing	UL listed per UL1598 and CSA C22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations operating in an ambient temperature of up to 40°C (105°F)
IP Rating	IP66 rated luminaire for enhanced protection against dust and water intrusion.
NightSky® Friendly	Dark sky design properties with a U0 BUG rating for specific configurations.
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.
Urban Finish	The Urban finish palette was created to highlight a modern, elegant aesthetic. All finishes are a 1 part powder coat with metallic flakes for a superior appearance. Finishes are available in textured or matte. Available finishes include: Black Textured, Urban Gun Metal, Urban Bronze, Urban Silver and Urban White
Custom Finish	Custom finishes are offered to adapt to any application. Custom Match option is available to blend sternberg product with the site, consult factory for more information.
Warranty	7-year limited warranty. See Website for Terms and Conditions.

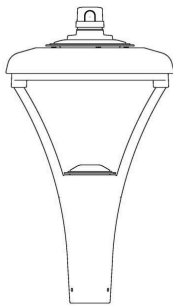
LEDs	The LEDs in this system will be fully shielded in a direct downward position to maximize efficiency. The LEDs are mounted to maximize thermal transfer to the heat sink surface. The LEDs shall be 100% recyclable; not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. 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. The high brightness, high-output white LEDs shall be 4000K nominal (2700K, 3000K, 3500K or 5000K optional) correlated color temperature (CCT). Photometrics comply with LM79 testing standards. CCT Lumen Derate Values from 4,000K (70+ CRI) 2,700K (70+ CRI)=.85 3,000K (70+ CRI)=.92 3,500K (70+ CRI)=1.00 5,000K (70+ CRI)=1.00 Consult factory for custom correlated color temperature (CCT) or color rendering index (CRI).
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. External House Side Shield (HSS): An optional external 120° House Side Shield helps control backlight. Spun aluminum panel painted to match fixture.
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.
Motion Sensor	The programmable passive infrared motion sensor is installed integral to the fixture. 2 coverage area lenses available; assuming a 20' mounting height a lens with 40' coverage (MOT1) and 70' coverage (MOT2) is available. Sensor includes Dusk/Dawn light sensor for ambient light levels. Custom pre-set programming options can be set at the factory. Optional wireless programming controller available for field reprogramming (FSIR-100).
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 (Roof Mount): The photocontrol shall be mounted on the roof and prewired to driver. 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.

Lumen Chart(s)

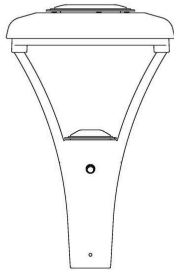
Tested with CA lens

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
24L-40T_-MDL018	12335	B2U0G2	104.5	11430	B2U0G2	96.9	11945	B2U0G2	101.2	12500	B3U0G2	105.9	118
24L-30T_-MDL018	11385	B2U0G2	96.5	10550	B2U0G2	89.4	11025	B2U0G2	93.4	11540	B3U0G2	97.8	118
24L-27T_-MDL018	10435	B2U0G2	88.4	9670	B2U0G2	81.9	10105	B2U0G2	85.6	10575	B3U0G2	89.6	118
24L-40T_-MDL014	9905	B2U0G2	112.6	9165	B2U0G2	104.1	9595	B2U0G2	109.0	10035	B3U0G1	114.0	88
24L-30T_-MDL014	9145	B2U0G2	103.9	8460	B2U0G2	96.1	8855	B2U0G2	100.6	9265	B3U0G1	105.3	88
24L-27T_-MDL014	8380	B2U0G2	95.2	7755	B2U0G2	88.1	8120	B2U0G2	92.3	8490	B3U0G1	96.5	88
12L-40T_-MDL018	6390	B1U0G1	108.3	5885	B1U0G1	99.7	6140	B1U0G1	104.1	6270	B2U0G1	106.3	59
12L-30T_-MDL018	5900	B1U0G1	100.0	5430	B1U0G1	92.0	5670	B1U0G1	96.1	5790	B2U0G1	98.1	59
12L-27T_-MDL018	5405	B1U0G1	91.6	4980	B1U0G1	84.4	5195	B1U0G1	88.1	5305	B2U0G1	89.9	59
12L-40T_-MDL014	5265	B1U0G1	114.5	4845	B1U0G1	105.3	5060	B1U0G1	110.0	5160	B2U0G1	112.2	46
12L-30T_-MDL014	4860	B1U0G1	105.7	4470	B1U0G1	97.2	4670	B1U0G1	101.5	4765	B2U0G1	103.6	46
12L-27T_-MDL014	4455	B1U0G1	96.8	4100	B1U0G1	89.1	4280	B1U0G1	93.0	4365	B2U0G1	94.9	46
12L-40T_-MDL008	3205	B1U0G1	118.7	2955	B1U0G1	109.4	3080	B1U0G1	114.1	3145	B1U0G1	116.5	27
12L-30T_-MDL008	2960	B1U0G1	109.6	2730	B1U0G1	101.1	2845	B1U0G1	105.4	2905	B1U0G1	107.6	27
12L-27T_-MDL008	2710	B1U0G1	100.4	2500	B1U0G1	92.6	2605	B1U0G1	96.5	2660	B1U0G1	98.5	27

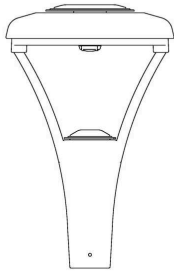
Options



7-Pin Control Receptacle with Photocell **(R7-PE/PE4)**



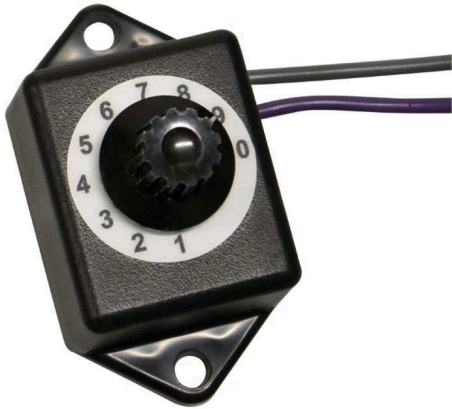
Button Photocell **(PEC/PEC4)**



Motion Sensor **(MOT1/MOT2)**



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



Fixed Dimming Resistor Board **(FDRB)**



House Side Shield **(HSS)**