



# SOLANA® SL760

The Solana® SL760 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 Solana® SL760 is well suited for all roadway, site and pedestrian environments.



# SternbergLighting

ESTABLISHED 1923 / EMPLOYEE OWNED

PROJECT: \_\_\_\_\_

TYPE: \_\_\_\_\_

## ORDERING EXAMPLE: PT-SL760-CA-140L45T5-MDH05-MOT1-HSS-FHD / UGMT

SL760														
MOUNTING CONFIG.	SERIES	LENS	NO. OF LEDS	COLOR TEMP K	DISTRIBUTION TYPE	DRIVER	OPTIONAL CONTROL RECEPTACLE	OPTIONAL CONTROL	MOTION SENSOR	HOUSE SIDE SHIELD	DUAL FUSE & HOLDER	COLOR		
PT	Large Area Post Top	CA	56L <sup>1</sup>	27(00) K	T2	MDL03	O P T I O N S						UGMT	UGM
1W		FG	84L <sup>1</sup>	35(00) K	T3	MDL05	R	PE <sup>2</sup>	MOT1 <sup>3</sup>	HSS	FHD	UBT	UB	
1A		SA	112L	45(00) K	T3R	MDH03	R5	PE3 <sup>2</sup>	MOT2 <sup>3</sup>			ULBT	ULB	
2A		FFG	140L		T4	MDH05	R7	PE4 <sup>2</sup>				USLT	USL	
2A90		TDC			T5			SC <sup>2</sup>				UWHT	UWH	
1AM		SV1						PEC				UCHS	BKT	
2AM		SV2						PEC4						
		SV1SA												
		SV2SA	BLOC OPTICS											
		SV4SA	80BL		T3RBL									
		SV1TD	96BL		T4BL									
		SV2TD	128BL											

A = Arm Mount AM = Arm Mid-Mount W = Wall Mount (\* Designate 1WCB if surface mount box required) <sup>1</sup> Not available in 05 driver <sup>2</sup> Requires control receptacle

## Product Specs

### Optical

- IP65 rated optic module with BUG rating of U-1.
- Available in IES Type 2, 3, 3R, 4 and 5 distribution.
- Utilizes high output, high brightness LEDs.
- Minimum CRI of 70, CCT 2700,3500 and 4500K. Call factory for custom CCT.
- LM-79 and LM-80 tests in accordance with IESNA standards.
- Lumen depreciation rating L70 > 100,000 hrs. projected per TM-21 guideline using 525mA drive at 25°C ambient.
- RoHS Compliant.

### Electrical

- 120-277 volt and 347-480 volt available.
- Minimum drivers power factor: > 0.9.
- Electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines.
- UL listed in U.S. and Canada.

### Mechanical

- Cast aluminum heat sink, arms, lens cover, housing top cover and housing/fitter.

- Spun aluminum heat sink cover.
- Fitter installs on standard 3 in tenon.
- Tool-less driver access and removeable driver tray.
- AAD™ "Advanced Air-flow Dynamics" maximizes heat sink expulsion.

### Controls

- Supplied with dimmable driver (0-10 Volts)
- R 3-Pin ANSI receptacle only
- R5 5-Pin ANSI receptacle only
- R7 7-Pin ANSI receptacle only
- PE twist-lock photocontrol (120V-277V)
- PE3 twist-lock photocontrol (347V)
- PE4 twist-lock photocontrol (480V)
- SC Shorting Cap
- PEC Electronic Button Photocontrol (120V-277V)
- PEC4 Electronic Button Photocontrol (480)

### Finish

- Durable, color retentive powder coat finish.

### Warranty & Standards

LED Systems and Drivers - 7 years.  
All fixtures shall be free from all defects in materials and workmanship for a period of 7 years from the date of manufacture. The luminaire manufacturer shall warrant the LED boards/system, during the stated warranty period,

against failure defined as more than 10 percent of non-operating LEDs.

### Motion Sensors:

- MOT1<sup>3</sup>: 360° lens, maximum coverage 40' diameter from 20' height
- MOT2<sup>3</sup>: 360° lens, maximum coverage 70' diameter from 20' height

<sup>3</sup>Note: Requires flat acrylic lens

### Drivers:

- MDL03: 350mA, 120-277V
- MDL05: 525mA, 120-277V
- MDH03: 350mA, 347-480V
- MDH05: 525mA, 347-480V

### Lens:

- CA - Clear Flat Acrylic
- FG - Clear Flat Glass
- SA - Clear Sag Acrylic
- FFG - Frosted Flat Glass
- TDC - Clear Acrylic Tear Drop

### Soft Vue\*:

- SV1 - Flat Soft Vue Light Diffused Acrylic
- SV2 - Flat Soft Vue Moderate Diffused Acrylic
- SV1SA - Soft Vue Light Diffused Sag Acrylic
- SV2SA - Soft Vue Moderate Diffused Sag Acrylic

SV4SA - Soft Vue Maximum Diffused Sag Acrylic

SV1TD - Soft Vue Light Diffused Acrylic Teardrop

SV2TD - Soft Vue Moderate Diffused Acrylic Teardrop

\* Provides described reduction in brightness with only a minimal reduction in lumen output.

### Colors:

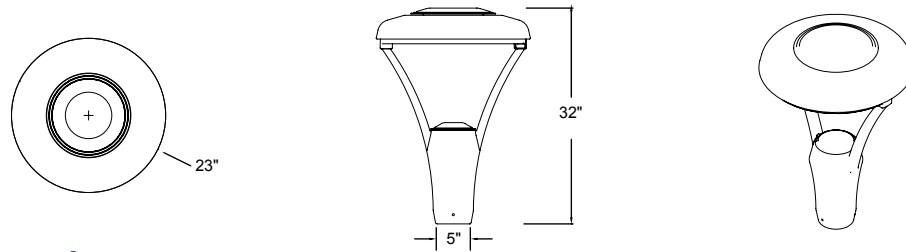
- UGMT - Urban Gun Metal Textured
- UBT - Urban Bronze Textured
- ULBT - Urban Light Bronze Textured
- USLT - Urban Silver Textured
- UWHT - Urban White Textured
- UCHS - Urban Champagne Satin Smooth
- UGM - Urban Gun Metal Matte
- UB - Urban Bronze Matte
- ULB - Urban Light Bronze Matte
- USL - Urban Silver Matte
- UWH - Urban White Matte
- BKT - Black Textured

## Performance (Based on FG Lens)

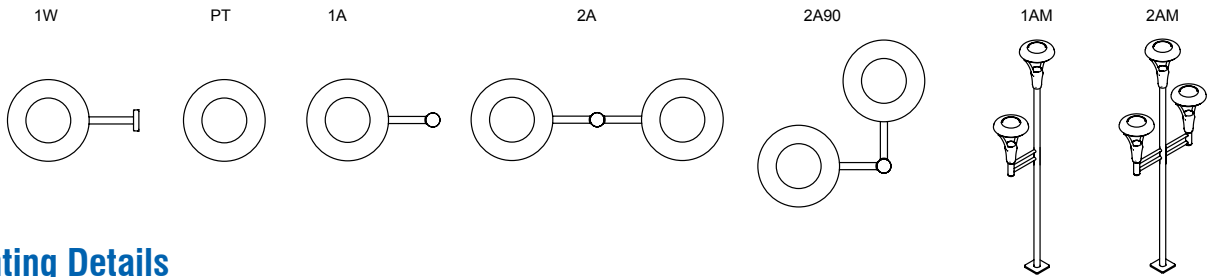
MODEL #	T2 DELIVERED LUMENS	EFFICACY (LPW)	T3 DELIVERED LUMENS	EFFICACY (LPW)	T3R DELIVERED LUMENS	EFFICACY (LPW)	T4 DELIVERED LUMENS	EFFICACY (LPW)	T5 DELIVERED LUMENS	EFFICACY (LPW)	WATTAGE
140L45T_-MDL05	21100	88.3	20825	87.1	20965	87.7	21100	88.3	21865	91.5	239
140L35T_-MDL05	19815	82.9	19560	81.8	19690	82.4	19815	82.9	20535	85.9	239
140L27T_-MDL05	17395	72.8	17165	71.8	17280	72.3	17395	72.8	18025	75.4	239
112L45T_-MDL05	17010	87.7	16745	86.3	16870	87.0	16935	87.3	17505	90.2	194
112L35T_-MDL05	15975	82.3	15725	81.1	15845	81.7	15905	82.0	16440	84.7	194
112L27T_-MDL05	14020	72.3	13805	71.2	13905	71.7	13960	72.0	14430	74.4	194
140L45T_-MDL03	15600	100.6	15280	98.6	15395	99.3	15555	100.4	16020	103.4	155
140L35T_-MDL03	14650	94.5	14350	92.6	14460	93.3	14610	94.3	15045	97.1	155
140L27T_-MDL03	12860	83.0	12595	81.3	12690	81.9	12820	82.7	13205	85.2	155
112L45T_-MDL03	12465	100.5	12225	98.6	12290	99.1	12390	99.9	12710	102.5	124
112L35T_-MDL03	11705	94.4	11480	92.6	11545	93.1	11635	93.8	11935	96.3	124
112L27T_-MDL03	10275	82.9	10075	81.3	10130	81.7	10215	82.4	10475	84.5	124
84L45T_-MDL03	9400	100.0	9150	97.3	9230	98.2	9280	98.7	9580	101.9	94
84L35T_-MDL03	8830	93.9	8595	91.4	8670	92.2	8715	92.7	8995	95.7	94
84L27T_-MDL03	7750	82.4	7545	80.3	7610	81.0	7650	81.4	7895	84.0	94
56L45T_-MDL03	6370	99.5	6300	98.4	6335	99.0	6430	100.5	6630	103.6	64
56L35T_-MDL03	5985	93.5	5915	92.4	5950	93.0	6040	94.4	6225	97.3	64
56L27T_-MDL03	5250	82.0	5195	81.2	5220	81.6	5300	82.8	5465	85.4	64

# Product Dimensions and Features

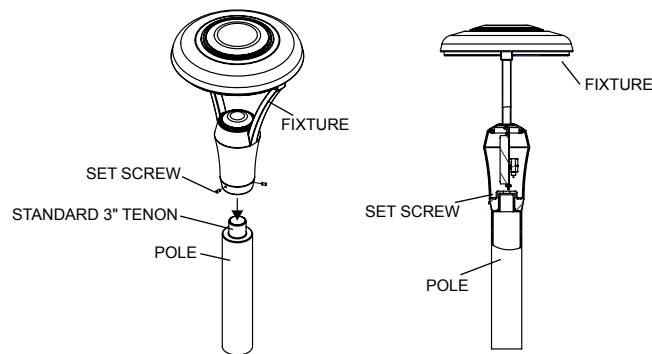
EPA: 1.3 SQUARE FT  
WEIGHT: 53 LBS



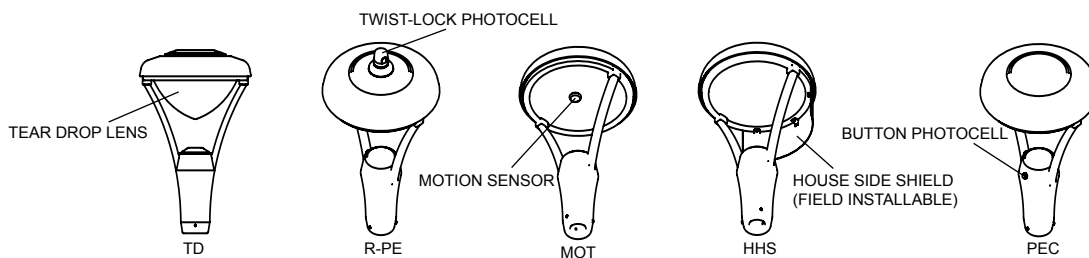
## Mounting Configurations



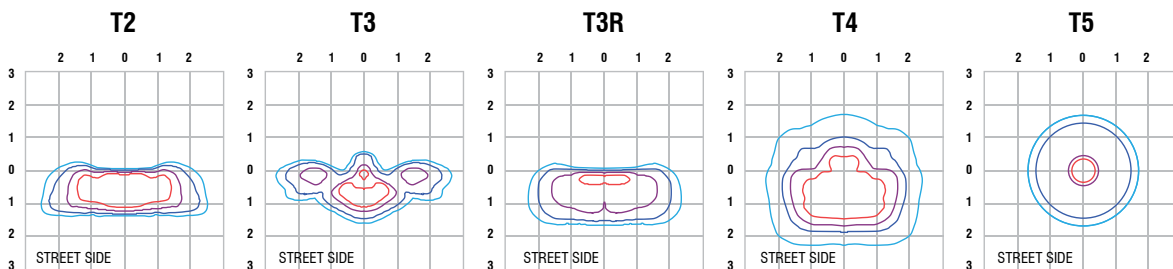
## Mounting Details



## Other Options



## ISO Footcandle Plots



All published luminaire photometric testing performed to IESNA LM-79 standards by NVLAP, certified laboratory. ISO footcandle plots above demonstrate the SOLANA's light patterns only. Not for total fixture output. For complete specifications and IES files, see website.

