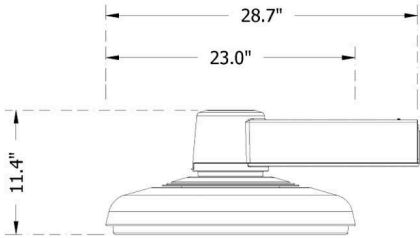


Project Name

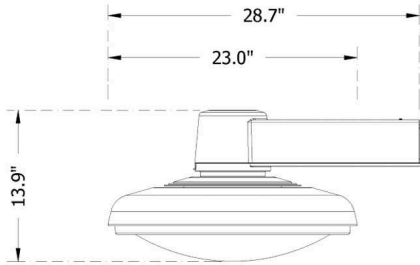
Qty

Type

Catalog / Part Number



SL730-FG

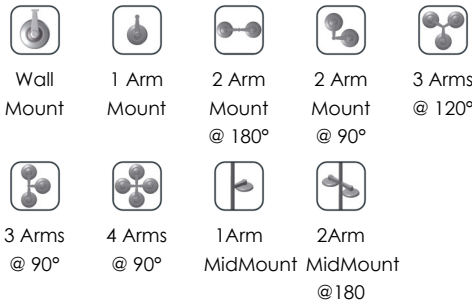


SL730-SA

Certifications



Mounting Configuration



Finish



Description

The Large Solana™ Arm Mount Luminaire's stylish design is a perfect accent for urban settings. The subtle, yet sophisticated look enhances the impact of any project. The Solana's wide array of optics, lenses and distributions makes this an easy choice for a variety of commercial institutional and municipal projects.

EPA: 1.2 (ft²)

WEIGHT: 54 LBS

Features

Mounting Configuration

- 1W:** Wall Mount
- 1A:** 1 Arm Mount
- 2A:** 2 Arm Mount @ 180°
- 2A90:** 2 Arm Mount @ 90°
- 3A:** 3 Arms @ 120°
- 3A90:** 3 Arms @ 90°
- 4A:** 4 Arms @ 90°
- 1AM:** 1 Arm MidMount
- 2AM:** 2 Arm MidMount @180

Fixture

SL730: Large Solana Arm Mount

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 Pole Adapter

- RP34:** For 3" to 4" diameter poles.
- RP56:** For 5" to 6" diameter poles.

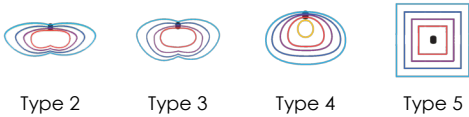
Optional Control Receptacle

R7: 7-Pin control receptacle only

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 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 32L: 32 LEDs 40L: 40 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 MDL016: 120V-277V, 160mA MDH016: 347V-480V, 160mA MDL014: 120V-277V, 140mA MDH014: 347V-480V, 140mA

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
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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	Optional Pole Adapter
1W Wall Mount 1A 1 Arm Mount 2A 2 Arm Mount @ 180° 2A90 2 Arm Mount @ 90° 3A 3 Arms @ 120° 3A90 3 Arms @ 90° 4A 4 Arms @ 90° 1AM 1 Arm MidMount 2AM 2 Arm MidMount @ 180	SL730 Large Solana Arm Mount	24L 24 LEDs 32L 32 LEDs 40L 40 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	MDL018 120V-277V, 180mA ⁽¹⁾ MDH018 347V-480V, 180mA ⁽¹⁾ MDL016 120V-277V, 160mA ⁽²⁾ MDH016 347V-480V, 160mA ⁽²⁾ MDL014 120V-277V, 140mA MDH014 347V-480V, 140mA ⁽¹⁾	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	RP34 For 3" to 4" diameter poles. ^[3] RP56 For 5" to 6" diameter poles. ^[3]

Notes:

1. 24L or 32L system only.
2. 40L system only.
3. Required for round poles.

How to Order

Optional Control Receptacle ⁽⁴⁾ ⁽⁵⁾	Optional Control	Optional Motion Sensor ⁽⁵⁾ ⁽⁷⁾ ⁽⁸⁾ ⁽⁹⁾ ⁽¹⁰⁾	Optional Fuse	Optional House Side Shield ⁽¹¹⁾	Optional Fixed Dimming Resistor Board ⁽⁴⁾ ⁽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) PEC4 Electronic Button Photocontrol (480V)	MOT1 360° lens, maximum coverage 40' diameter from 20' height ⁽⁸⁾ MOT2 360° lens, maximum coverage 70' diameter from 20' height ⁽⁸⁾	FHD Double Fuse and Holder	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 ⁽¹²⁾

Notes:

4. Not for use with Motion Sensor.

5. Not for use with FDRB.

6. Requires control receptacle.

7. Not for use with R7.

8. Requires FLAT acrylic lens.
9. For use with MDLxx driver only.

10. Not for use with Button Photocell.

11. Not for use with TS optic.

12. 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.
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.
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)
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.
NightSky® Friendly	Dark sky design properties with a U0 BUG rating for specific configurations.
IP Rating	IP66 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.
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.

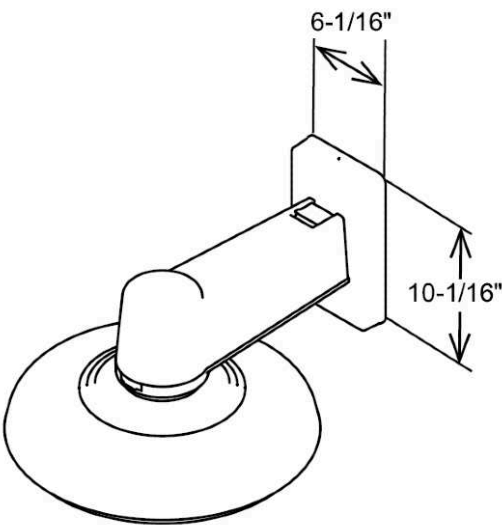
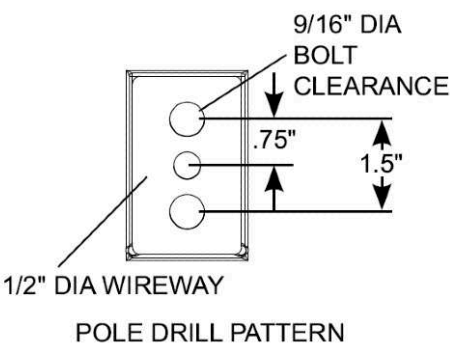
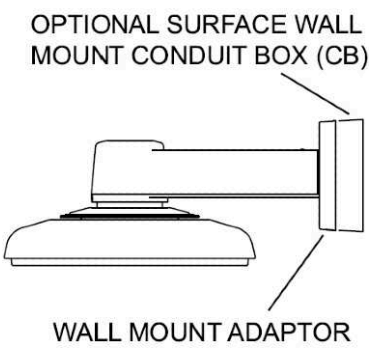
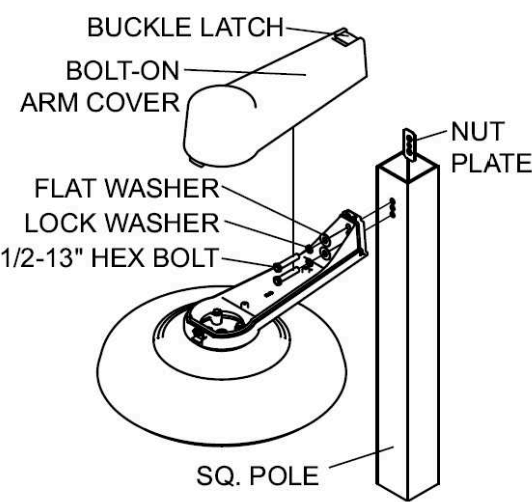
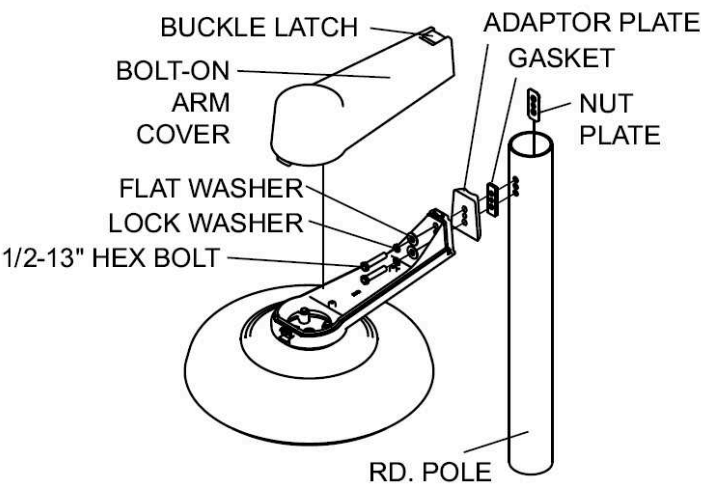
Backlight Optical Control	BLOC Optic (BLOC): An optional "Back Light Optical Control" shield can be provided at the factory. This is an internal optic level "House Side Shield" offering significantly reduced backlight and glare while maintaining the original design aesthetics of the luminaire.
Fixed 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 FG 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
40L40T_-MDL016	22920	B3U0G3	134.0	22015	B3U0G3	128.7	22410	B3U0G3	131.1	23045	B4U0G2	134.8	171
40L30T_-MDL016	21155	B3U0G3	123.7	20320	B3U0G3	118.8	20685	B3U0G3	121.0	21270	B4U0G2	124.4	171
40L27T_-MDL016	19395	B3U0G3	113.4	18630	B3U0G3	108.9	18960	B3U0G3	110.9	19500	B4U0G2	114.0	171
32L40T_-MDL018	19845	B3U0G3	131.4	19105	B3U0G3	126.5	19390	B3U0G3	128.4	20070	B4U0G2	132.9	151
32L30T_-MDL018	18320	B3U0G3	121.3	17635	B3U0G3	116.8	17900	B3U0G3	118.5	18525	B4U0G2	122.7	151
32L27T_-MDL018	16790	B3U0G3	111.2	16165	B3U0G3	107.1	16405	B3U0G3	108.6	16980	B4U0G2	112.5	151
32L40T_-MDL014	15935	B3U0G3	137.4	15330	B3U0G3	132.2	15575	B3U0G3	134.3	16135	B4U0G2	139.1	116
32L30T_-MDL014	14710	B3U0G3	126.8	14150	B3U0G3	122.0	14375	B3U0G3	123.9	14895	B4U0G2	128.4	116
32L27T_-MDL014	13485	B3U0G3	116.3	12970	B3U0G3	111.8	13180	B3U0G3	113.6	13655	B4U0G2	117.7	116
24L40T_-MDL018	15085	B2U0G2	130.0	14510	B3U0G3	125.1	14720	B2U0G2	126.9	15285	B4U0G2	131.8	116
24L30T_-MDL018	13925	B2U0G2	120.0	13395	B3U0G3	115.5	13590	B2U0G2	117.2	14110	B4U0G2	121.6	116
24L27T_-MDL018	12765	B2U0G2	110.0	12280	B3U0G3	105.9	12455	B2U0G2	107.4	12935	B4U0G2	111.5	116
24L40T_-MDL014	11955	B2U0G2	137.4	11480	B2U0G2	132.0	11655	B2U0G2	134.0	12075	B3U0G2	138.8	87
24L30T_-MDL014	11035	B2U0G2	126.8	10595	B2U0G2	121.8	10760	B2U0G2	123.7	11145	B3U0G2	128.1	87
24L27T_-MDL014	10115	B2U0G2	116.3	9715	B2U0G2	111.7	9860	B2U0G2	113.3	10215	B3U0G2	117.4	87

Mounting Details



Options



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



Button Photocell (**PEC or PEC4**)



Motion Sensor (**MOT1 or MOT2**)



Fixed Dimming Resistor Board
(**FDRB**)



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



Back Light Optical Control
(**BLOC**)