Catalog # : _____ Project : _____ Type : _____

Prepared By : _____ Date : _____

V-Locity® Small (VALS)

Outdoor LED Area Light

IP66 IK07



OVERVIEW	
Lumen Package	6,000 - 27,000
Wattage Range	36 - 178
Efficacy Range (LPW)	96 - 171
Weight lbs(kg)	20 (9.1)
Control Options	IMSBT, ALB, ALS, 7-Pin, PCI

QUICK LINKS

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical units. Cast aluminum wiring access door located underneath.
- Self-contained optic, board and heat sink assembly can be rotated or replaced in the field.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: TBD lbs in carton.

Optical System

- State-of-the-Art acrylic optics delivers industry leading optical control with an integrated gasket to provide IP66 rated seal.
- Proprietary refractor optics provide exceptional coverage and uniformity in distribution types 2, 2M, 3M, 3W, 4M, 4W, 4F, FTM, 5QN, 5QM, 5Q, 5QW, AFR, AM, WF, and LC/RC.
- Available in 5000K, 4000K, 3500K, 3000K and 2700K color temperatures per ANSI C78.377 as well as phosphor converted amber.
- Minimum CRI of 80 (optional 70 CRI for 5000K, 4000K, and 3000K).
- Factory or field installable integral shielding available for enhanced spill light control.
- Zero Uplight (excludes adjustable arms).

Electrical

- High-performance driver features over-voltage, under voltage, short-circuit and over temperature protection.
- 0-10 volt dimming (10% - 100%) standard, must specify EXT option for dimming leads to be extended to fixture exterior.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- L70 Calculated Life: >60k Hours
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F).
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Driver is fully encased in potting material for moisture resistance and complies with FCC standards. Driver and key electronic components can easily be accessed.

Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor. Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- AirLink™ Blue wireless control system with technology partner Silvair incorporates Luminaire Level Lighting Controls (LLLC) and high-end trim

Installation

- REDiMount pole mount arm allows for a true one person installation.
- Side arm pole mount designed to mount to square or round poles.
- Pole mount arms can accommodate pole drill patterns from 2.4 to 5" on center and utilize LSI's reduced B3 or traditional B5 drill patterns.
- Additional mounting options are available including a mast arm or adjustable slip fitter that allow for luminaire attachment to a 2 3/8" tenon or mast arm.
- Adjustable arms allow for 65° of tilt (-5°below horizontal to +60° above horizontal) in 5° increments.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to https://www.lsicorp.com/resources/terms-conditions-warranty/ for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- DarkSky approved with 3000K or warmer color temperature selection and fixed mounting arms / non-adjustable brackets.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet locations.
- IP66 rated Luminaire per IEC 60598-1.
- 3G rated for ANSI C136.31 high vibration applications are qualified.
- IK07 rated luminaire per IEC 66262 mechanical impact code.

©LSI Industries Inc. All Rights Reserved. Specifications and dimensions subject to industry standard tolerances. Specifications subject to change without notice.

V-Locity® Small (VALS) Outdoor LED Area Light

Type : _____

Have questions? Call us at (800) 436-7800

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: **VALS 18L 4W UNV 40K8 BLK SA ALBMR2LR IS**

Prefix	Lumen Package	Distribution	Orientation[2]	Voltage	Color Temp /Rendering	Finish
VALS - V-Locity Area Light Small	**6L** - 6,000 lms, 36W **9L** - 9,000 lms, 54W **12L** - 12,000 lms, 74W **15L** - 15,000 lms, 91W **18L** - 18,000 lms, 111W **21L** - 21,000 lms, 130W **24L** - 24,000 lms, 155W **27L** - 27,000 lms, 178W Custom Lumen Packages[1]	**2** - Type 2 **2M** - Type 2 Medium **3M** - Type 3 Medium **3W** - Type 3 Wide **4M** - Type 4 Medium **4F** - Type 4 Forward **4W** - Type 4 Wide **FTM** - Forward Throw Medium **5QN** - Type 5 Square Narrow **5QM** - Type 5 Square Medium **5Q** - Type 5 Square **5QW** - Type 5 Square Wide **AFR** - Automotive Front Row **AM** - Automotive Merchandise **WF** - 6x6 Wide Flood **LC** - Left Corner **RC** - Right Corner	**(Blank)** - Standard **L** - Optics rotated left 90° **R** - Optics rotated right 90°	**UNV** - Universal Voltage (120-277V) **HV** - High Voltage (347-480V)	**50K7** - 5000 CCT - 70 CRI **50K8** - 5000 CCT - 80 CRI **40K7** - 4000 CCT - 70 CRI **40K8** - 4000 CCT - 80 CRI **35K8** - 3500 CCT - 80 CRI *DarkSky Approved CCT's* **30K7** - 3000 CCT - 70 CRI **30K8** - 3000 CCT - 80 CRI **27K8** - 2700 CCT - 80 CRI	**BLK** - Black **BRZ** - Dark Bronze **GMG** - Gun Metal Gray **GPT** - Graphite **MSV** - Metallic Silver **PLP** - Platinum Plus **SVG** - Satin Verde Green **WHT** - White

Mounting	Controls (Choose One)	Options
SA - Universal Side Arm Pole Mount **SF** - Adjustable Slip Fitter **UA** - Universal Adjustable Pole Mount Arm **MA** - Mast Arm	**(Blank)** - None **Wireless Controls System** **ALSC** - AirLink Synapse Control System **ALSCS2** - AirLink Synapse Control System with 12-20' MH Motion Sensor **ALSCS4** - AirLink Synapse Control System with 20-40' MH Motion Sensor **ALBMR1LR** - AirLink Blue Long Range Wireless Multi-Range Sensor Controller (8-15' MH)[4] **ALBMR2LR** - AirLink Blue Long Range Wireless Multi-Range Sensor Controller (16-40' MH)[4] **Stand-Alone Controls** **EXT** - 0-10v Dimming leads extended to housing exterior **CR7P** - 7 Pin Control Receptade ANSI C136.41[3] **IMSBTL1** - Integral Bluetooth™ Motion and Photocell Sensor (8-24' MH)[4] **IMSBTL2** - Integral Bluetooth™ Motion and Photocell Sensor (25-40' MH)[4] **PCIU** - 120-277 Button Photocell **PCI347** - 347V Button Photocell	**IS** - Integral Shield[2] **TE** - Tooless Entry (Mast Arm Only)

Need more information?
Click here for our glossary

Have additional questions?
Call us at (800) 436-7800

Accessory Ordering Information[5]

CONTROLS ACCESSORIES	
Description	**Order Number**
Twist Lock Photocell (120V) for use with CR7P	**122514**
Twist Lock Photocell (208-277) for use with CR7P	**122515**
Twist Lock Photocell (347V) for use with CR7P	**159516**
Twist Lock Photocell (480V) for use with CR7P	**1225180**
Universal Side Arm Pole Mount with CR7P	**911615CLR**[3,6]
AirLink 7 Pin Twist Lock Controller	**661410**
Shorting Cap for use with CR7P	**149328**
Adjustable Output Module	**734263**

FUSING OPTIONS[7]	
Description	**Order Number**
Single Fusing (120V)	See Fusing Accessory Guide
Single Fusing (277V)	
Double Fusing (208V, 240V)	
Double Fusing (480V)	
Double Fusing (347V)	

EXTERNAL SHIELDING OPTIONS	
Description	**Order Number**
1.5" External Shield	
3" External Shield	

1. Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DLC listed.
2. Not available on Type 5 or wide flood distributions.
3. Control device or shorting cap must be ordered separately. See Accessory Ordering Information.
4. Motion sensors are field configurable via the LSI app that can be downloaded from your smartphone's native app store.
5. Accessories are shipped separately and field installed.
6. "CLR" denotes finish. See Finish options.
7. Fusing must be located in hand hole of pole. See Fusing Accessory Guide for compatability.

©LSI Industries Inc. All Rights Reserved. Specifications and dimensions subject to industry standard tolerances. Specifications subject to change without notice.

V-Locity® Small (VALS) Outdoor LED Area Light

Type : _____

Have questions? Call us at (800) 436-7800

ACCESSORIES

MOUNTING ACCESSORIES

Side Arm

Bullhorn Bracket
Mounts onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon and allows for mounting up to 4 adjustable slip fitter mount luminaires
Part Number: BKS PTB 2 CLR / BKS PTB 12 CLR (2 Luminaires)
Part Number: BKS PTB 3-30 CLR / BKS PTB 13-30 CLR (3 Luminaires)
Part Number: BKS PTB 4 CLR / BKS PTB 14 CLR (4 Luminaires)



Flood Wall Mount Bracket
Mounts onto vertical wall surface (hardware/anchors not included)
Part Number: BKS FMW 5 CLR (5" Straight Version)
Part Number: BKS FMW 18 CLR (18" Curved Version)



Bolt on Side Tenon Mount
Bolt on Side Tenon Mount
Part Number: BKSFBO 5 CLR (5" Straight Version)
Part Number: BKSFBO 18 CLR (18" Curved Version)
Part Number: BKSFBO 30 CLR (30" Dual Tenon Version)



Tenon / Slipfitter

Square Tenon Top
Allows to seamlessly integrate LSI luminaires to open top 4", 5" or 6" square poles with 11 ga. Or 7 ga. wall thickness
Part Number: BKA ISF_SQ 2S CLR



Square Tenon Top
Mounts onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon and allows for mounting up to 4 luminaires
Part Number: BKA XNM *



Square Internal Slipfitter
Mounts inside 4" or 5" square pole and allows for mounting up to 4 lumianires
Part Number: BKA X_ISF * CLR



Wall Mount/ Wood Pole

Wall Mount Bracket
Mounts onto vertical wall surface (hardware/anchors not included)
Part Number: BKS XBO WM CLR
Part Number: BKS B3 WM CLR *(w/Surface Conduit Entry)*



Wood Pole Bracket
Mounts onto wooden poles (6" minimum OD, hardware/anchors not inlcuded)
Part Number: BKS XBO WP CLR



SHIELDING, POLES & MISC. ACCESSORIES

Shielding

Integral Shield for Asymmetric Distributions
Field Install Integral shield provides maximum backlight control by shiedling each individual row of LEDS with minimal impact on Streett/front side distribution (includes 2 shields)
Part Number: 879644



Integral Shield for Left and Right Corner Distributions
Field install integral shield provides cutoff from two sides for maximum spill light control when utilizing LC or RC corner distributions (includes 2 shields)
Part Number: 879643



External Shield
External shield blocks view of light source from anyside of luminaire, additional shielding configurations available
Part Number: 835696 (1.5") / 835694 (3")



Poles

Square Poles
14 - 39' steel and aluminum poles in 4", 5" and 6" sizes for retrofit and new construction
Part Number: 4SQ/5SQ/6SQ



Round Poles
10 - 30' steel and aluminum poles in 4" and 5" sizes for retrofit and new construction
Part Number: 4RP/5RP



Tapered Poles
20' - 39' steel and aluminum poles for retrofit and new construction
Part Number: RTP



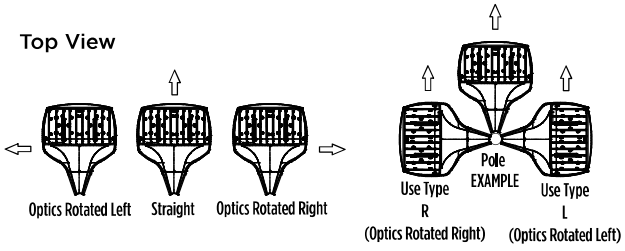
Misc.

Bird Spikes
10' linear bird spike (3' recommended per luminaire) silcone adhesive (covers approximately 25' linear fee of bird spike) and application tool
Spike Part Number: 751631
Adhesive Part Number: 751632
Caulk Gun Part Number: 751636



1 Replace CLR with paint finish description
2 Repleace XX with SQ for square pole or RD for round pole (≥3" OD)
3 Replace * with S (Single), D180 (Double @180°), D90 (Double @90°), T90 (Triple), Q90 (Quad)
4 Replace _ with 4 (4" square pole) or 5 (5" square pole)

OPTICS ROTATION

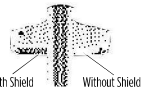


ACCESSORIES/OPTIONS

Integral Shield (IS)

Integral Shield (IS) available for improved backlight control without sacrificing Streett side performance. LSI's Integral Shield (IS) option delivers backlight control that significantly reduces spill light behind the pole for applications with pole locations close to adjacent properties. The design maximizes forward reflected light while reducing glare, maintaining the optical distribution selected, and most importantly eliminating light trespass. Shields rotate with the optical distribution.

Integral Shield (IS)



Luminaire Shown with AirLink Blue Sensor Option



7 Pin Photoelectric Control

7-pin ANSI C136.41-2013 control receptacle option available for twist lock photocontrols or wireless control modules. Control accessories sold separately. Dimming leads from the receptacle will be connected to the driver dimming leads (Consult factory for alternate wiring).

Luminaire Shown with CR7P



©LSI Industries Inc. All Rights Reserved. Specifications and dimensions subject to industry standard tolerances. Specifications subject to change without notice.

Catalog # : _____ Project : _____ Type : _____

Prepared By : _____ Date : _____

V-Locity® Small (VALS)

Outdoor LED Area Light

IP66 IK07



OVERVIEW	
Lumen Package	6,000 - 27,000
Wattage Range	36 - 178
Efficacy Range (LPW)	96 - 171
Weight lbs(kg)	20 (9.1)
Control Options	IMSBT, ALB, ALS, 7-Pin, PCI

QUICK LINKS

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical units. Cast aluminum wiring access door located underneath.
- Self-contained optic, board and heat sink assembly can be rotated or replaced in the field.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: TBD lbs in carton.

Optical System

- State-of-the-Art acrylic optics delivers industry leading optical control with an integrated gasket to provide IP66 rated seal.
- Proprietary refractor optics provide exceptional coverage and uniformity in distribution types 2, 2M, 3M, 3W, 4M, 4W, 4F, FTM, 5QN, 5QM, 5Q, 5QW, AFR, AM, WF, and LC/RC.
- Available in 5000K, 4000K, 3500K, 3000K and 2700K color temperatures per ANSI C78.377 as well as phosphor converted amber.
- Minimum CRI of 80 (optional 70 CRI for 5000K, 4000K, and 3000K).
- Factory or field installable integral shielding available for enhanced spill light control.
- Zero Uplight (excludes adjustable arms).

Electrical

- High-performance driver features over-voltage, under voltage, short-circuit and over temperature protection.
- 0-10 volt dimming (10% - 100%) standard, must specify EXT option for dimming leads to be extended to fixture exterior.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- L70 Calculated Life: >60k Hours
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F).
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Driver is fully encased in potting material for moisture resistance and complies with FCC standards. Driver and key electronic components can easily be accessed.

Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor. Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- AirLink™ Blue wireless control system with technology partner Silvair incorporates Luminaire Level Lighting Controls (LLLC) and high-end trim

Installation

- REDiMount pole mount arm allows for a true one person installation.
- Side arm pole mount designed to mount to square or round poles.
- Pole mount arms can accommodate pole drill patterns from 2.4 to 5" on center and utilize LSI's reduced B3 or traditional B5 drill patterns.
- Additional mounting options are available including a mast arm or adjustable slip fitter that allow for luminaire attachment to a 2 3/8" tenon or mast arm.
- Adjustable arms allow for 65° of tilt (-5°below horizontal to +60° above horizontal) in 5° increments.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to https://www.lsicorp.com/resources/terms-conditions-warranty/ for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- DarkSky approved with 3000K or warmer color temperature selection and fixed mounting arms / non-adjustable brackets.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet locations.
- IP66 rated Luminaire per IEC 60598-1.
- 3G rated for ANSI C136.31 high vibration applications are qualified.
- IK07 rated luminaire per IEC 66262 mechanical impact code.

©LSI Industries Inc. All Rights Reserved. Specifications and dimensions subject to industry standard tolerances. Specifications subject to change without notice.

V-Locity® Small (VALS) Outdoor LED Area Light

Type : _____

Have questions? Call us at (800) 436-7800

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: VALS 18L 4W UNV 40K8 BLK SA ALBMR2LR IS

Prefix	Lumen Package	Distribution	Orientation[2]	Voltage	Color Temp /Rendering	Finish
VALS - V-Locity Area Light Small	**6L** - 6,000 lms, 36W	**2** - Type 2	**(Blank)** - Standard	**UNV** - Universal Voltage (120-277V)	**50K7** - 5000 CCT - 70 CRI	**BLK** - Black
	9L - 9,000 lms, 54W	**2M** - Type 2 Medium	**L** - Optics rotated left 90°	**HV** - High Voltage (347-480V)	**50K8** - 5000 CCT - 80 CRI	**BRZ** - Dark Bronze
	12L - 12,000 lms, 74W	**3M** - Type 3 Medium	**R** - Optics rotated right 90°		**40K7** - 4000 CCT - 70 CRI	**GMG** - Gun Metal Gray
	15L - 15,000 lms, 91W	**3W** - Type 3 Wide			**40K8** - 4000 CCT - 80 CRI	**GPT** - Graphite
	18L - 18,000 lms, 111W	**4M** - Type 4 Medium			**35K8** - 3500 CCT - 80 CRI	**MSV** - Metallic Silver
	21L - 21,000 lms, 130W	**4F** - Type 4 Forward			*DarkSky Approved CCT's*	**PLP** - Platinum Plus
	24L - 24,000 lms, 155W	**4W** - Type 4 Wide			**30K7** - 3000 CCT - 70 CRI	**SVG** - Satin Verde Green
	27L - 27,000 lms, 178W	**FTM** - Forward Throw Medium			**30K8** - 3000 CCT - 80 CRI	**WHT** - White
	Custom Lumen Packages[1]	**5QN** - Type 5 Square Narrow			**27K8** - 2700 CCT - 80 CRI	
		5QM - Type 5 Square Medium				
		5Q - Type 5 Square				
		5QW - Type 5 Square Wide				
		AFR - Automotive Front Row				
		AM - Automotive Merchandise				
		WF - 6x6 Wide Flood				
		LC - Left Corner				
		RC - Right Corner				

Mounting	Controls (Choose One)	Options
SA - Universal Side Arm Pole Mount **SF** - Adjustable Slip Fitter **UA** - Universal Adjustable Pole Mount Arm **MA** - Mast Arm	**(Blank)** - None **Wireless Controls System** **ALSC** - AirLink Synapse Control System **ALSCS2** - AirLink Synapse Control System with 12-20' MH Motion Sensor **ALSCS4** - AirLink Synapse Control System with 20-40' MH Motion Sensor **ALBMR1LR** - AirLink Blue Long Range Wireless Multi-Range Sensor Controller (8-15' MH)[4] **ALBMR2LR** - AirLink Blue Long Range Wireless Multi-Range Sensor Controller (16-40' MH)[4] **Stand-Alone Controls** **EXT** - 0-10v Dimming leads extended to housing exterior **CR7P** - 7 Pin Control Receptade ANSI C136.41[3] **IMSBTL1** - Integral Bluetooth™ Motion and Photocell Sensor (8-24' MH)[4] **IMSBTL2** - Integral Bluetooth™ Motion and Photocell Sensor (25-40' MH)[4] **PCIU** - 120-277 Button Photocell **PCI347** - 347V Button Photocell	**IS** - Integral Shield[2] **TE** - Tooless Entry (Mast Arm Only)

Need more information?
Click here for our glossary

Have additional questions?
Call us at (800) 436-7800

Accessory Ordering Information[5]

CONTROLS ACCESSORIES	
Description	**Order Number**
Twist Lock Photocell (120V) for use with CR7P	**122514**
Twist Lock Photocell (208-277) for use with CR7P	**122515**
Twist Lock Photocell (347V) for use with CR7P	**159516**
Twist Lock Photocell (480V) for use with CR7P	**1225180**
Universal Side Arm Pole Mount with CR7P	**911615CLR**[3,6]
AirLink 7 Pin Twist Lock Controller	**661410**
Shorting Cap for use with CR7P	**149328**
Adjustable Output Module	**734263**

FUSING OPTIONS[7]	
Description	**Order Number**
Single Fusing (120V)	See Fusing Accessory Guide
Single Fusing (277V)	
Double Fusing (208V, 240V)	
Double Fusing (480V)	
Double Fusing (347V)	

EXTERNAL SHIELDING OPTIONS	
Description	**Order Number**
1.5" External Shield	
3" External Shield	

1. Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DLC listed.
2. Not available on Type 5 or wide flood distributions.
3. Control device or shorting cap must be ordered separately. See Accessory Ordering Information.
4. Motion sensors are field configurable via the LSI app that can be downloaded from your smartphone's native app store.
5. Accessories are shipped separately and field installed.
6. "CLR" denotes finish. See Finish options.
7. Fusing must be located in hand hole of pole. See Fusing Accessory Guide for compatability.

©LSI Industries Inc. All Rights Reserved. Specifications and dimensions subject to industry standard tolerances. Specifications subject to change without notice.

V-Locity® Small (VALS) Outdoor LED Area Light

Type : _____

Have questions? Call us at (800) 436-7800

ACCESSORIES

MOUNTING ACCESSORIES

Side Arm

Bullhorn Bracket
Mounts onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon and allows for mounting up to 4 adjustable slip fitter mount luminaires
Part Number: BKS PTB 2 CLR / BKS PTB 12 CLR (2 Luminaires)
Part Number: BKS PTB 3-30 CLR / BKS PTB 13-30 CLR (3 Luminaires)
Part Number: BKS PTB 4 CLR / BKS PTB 14 CLR (4 Luminaires)



Flood Wall Mount Bracket
Mounts onto vertical wall surface (hardware/anchors not included)
Part Number: BKS FMW 5 CLR (5" Straight Version)
Part Number: BKS FMW 18 CLR (18" Curved Version)



Bolt on Side Tenon Mount
Bolt on Side Tenon Mount
Part Number: BKSFBO 5 CLR (5" Straight Version)
Part Number: BKSFBO 18 CLR (18" Curved Version)
Part Number: BKSFBO 30 CLR (30" Dual Tenon Version)



Tenon / Slipfitter

Square Tenon Top
Allows to seamlessly integrate LSI luminaires to open top 4", 5" or 6" square poles with 11 ga. Or 7 ga. wall thickness
Part Number: BKA ISF_SQ 2S CLR



Square Tenon Top
Mounts onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon and allows for mounting up to 4 luminaires
Part Number: BKA XNM *



Square Internal Slipfitter
Mounts inside 4" or 5" square pole and allows for mounting up to 4 lumianires
Part Number: BKA X_ISF * CLR



Wall Mount/ Wood Pole

Wall Mount Bracket
Mounts onto vertical wall surface (hardware/anchors not included)
Part Number: BKS XBO WM CLR
Part Number: BKS B3 WM CLR *(w/Surface Conduit Entry)*



Wood Pole Bracket
Mounts onto wooden poles (6" minimum OD, hardware/anchors not inlcuded)
Part Number: BKS XBO WP CLR



SHIELDING, POLES & MISC. ACCESSORIES

Shielding

Integral Shield for Asymmetric Distributions
Field Install Integral shield provides maximum backlight control by shiedling each individual row of LEDS with minimal impact on Streett/front side distribution (includes 2 shields)
Part Number: 879644



Integral Shield for Left and Right Corner Distributions
Field install integral shield provides cutoff from two sides for maximum spill light control when utilizing LC or RC corner distributions (includes 2 shields)
Part Number: 879643



External Shield
External shield blocks view of light source from anyside of luminaire, additional shielding configurations available
Part Number: 835696 (1.5") / 835694 (3")



Poles

Square Poles
14 - 39' steel and aluminum poles in 4", 5" and 6" sizes for retrofit and new construction
Part Number: 4SQ/5SQ/6SQ



Round Poles
10 - 30' steel and aluminum poles in 4" and 5" sizes for retrofit and new construction
Part Number: 4RP/5RP



Tapered Poles
20' - 39' steel and aluminum poles for retrofit and new construction
Part Number: RTP



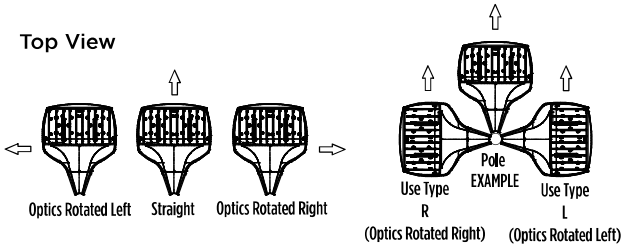
Misc.

Bird Spikes
10' linear bird spike (3' recommended per luminaire) silcone adhesive (covers approximately 25' linear fee of bird spike) and application tool
Spike Part Number: 751631
Adhesive Part Number: 751632
Caulk Gun Part Number: 751636



1 Replace CLR with paint finish description
2 Repleace XX with SQ for square pole or RD for round pole (≥3" OD)
3 Replace * with S (Single), D180 (Double @180°), D90 (Double @90°), T90 (Triple), Q90 (Quad)
4 Replace _ with 4 (4" square pole) or 5 (5" square pole)

OPTICS ROTATION

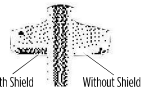


ACCESSORIES/OPTIONS

Integral Shield (IS)

Integral Shield (IS) available for improved backlight control without sacrificing Streett side performance. LSI's Integral Shield (IS) option delivers backlight control that significantly reduces spill light behind the pole for applications with pole locations close to adjacent properties. The design maximizes forward reflected light while reducing glare, maintaining the optical distribution selected, and most importantly eliminating light trespass. Shields rotate with the optical distribution.

Integral Shield (IS)



Luminaire Shown with AirLink Blue Sensor Option



7 Pin Photoelectric Control

7-pin ANSI C136.41-2013 control receptacle option available for twist lock photocontrols or wireless control modules. Control accessories sold separately. Dimming leads from the receptacle will be connected to the driver dimming leads (Consult factory for alternate wiring).

Luminaire Shown with CR7P



©LSI Industries Inc. All Rights Reserved. Specifications and dimensions subject to industry standard tolerances. Specifications subject to change without notice.

Catalog # : _____ Project : _____ Type : _____

Prepared By : _____ Date : _____

V-Locity® Small (VALS)

Outdoor LED Area Light

IP66 IK07



OVERVIEW	
Lumen Package	6,000 - 27,000
Wattage Range	36 - 178
Efficacy Range (LPW)	96 - 171
Weight lbs(kg)	20 (9.1)
Control Options	IMSBT, ALB, ALS, 7-Pin, PCI

QUICK LINKS

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical units. Cast aluminum wiring access door located underneath.
- Self-contained optic, board and heat sink assembly can be rotated or replaced in the field.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: TBD lbs in carton.

Optical System

- State-of-the-Art acrylic optics delivers industry leading optical control with an integrated gasket to provide IP66 rated seal.
- Proprietary refractor optics provide exceptional coverage and uniformity in distribution types 2, 2M, 3M, 3W, 4M, 4W, 4F, FTM, 5QN, 5QM, 5Q, 5QW, AFR, AM, WF, and LC/RC.
- Available in 5000K, 4000K, 3500K, 3000K and 2700K color temperatures per ANSI C78.377 as well as phosphor converted amber.
- Minimum CRI of 80 (optional 70 CRI for 5000K, 4000K, and 3000K).
- Factory or field installable integral shielding available for enhanced spill light control.
- Zero Uplight (excludes adjustable arms).

Electrical

- High-performance driver features over-voltage, under voltage, short-circuit and over temperature protection.
- 0-10 volt dimming (10% - 100%) standard, must specify EXT option for dimming leads to be extended to fixture exterior.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- L70 Calculated Life: >60k Hours
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F).
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Driver is fully encased in potting material for moisture resistance and complies with FCC standards. Driver and key electronic components can easily be accessed.

Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor. Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- AirLink™ Blue wireless control system with technology partner Silvair incorporates Luminaire Level Lighting Controls (LLLC) and high-end trim

Installation

- REDiMount pole mount arm allows for a true one person installation.
- Side arm pole mount designed to mount to square or round poles.
- Pole mount arms can accommodate pole drill patterns from 2.4 to 5" on center and utilize LSI's reduced B3 or traditional B5 drill patterns.
- Additional mounting options are available including a mast arm or adjustable slip fitter that allow for luminaire attachment to a 2 3/8" tenon or mast arm.
- Adjustable arms allow for 65° of tilt (-5°below horizontal to +60° above horizontal) in 5° increments.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to https://www.lsicorp.com/resources/terms-conditions-warranty/ for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- DarkSky approved with 3000K or warmer color temperature selection and fixed mounting arms / non-adjustable brackets.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet locations.
- IP66 rated Luminaire per IEC 60598-1.
- 3G rated for ANSI C136.31 high vibration applications are qualified.
- IK07 rated luminaire per IEC 66262 mechanical impact code.

©LSI Industries Inc. All Rights Reserved. Specifications and dimensions subject to industry standard tolerances. Specifications subject to change without notice.

V-Locity® Small (VALS) Outdoor LED Area Light

Type : _____

Have questions? Call us at (800) 436-7800

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: VALS 18L 4W UNV 40K8 BLK SA ALBMR2LR IS

Prefix	Lumen Package	Distribution	Orientation[2]	Voltage	Color Temp /Rendering	Finish
VALS - V-Locity Area Light Small	**6L** - 6,000 lms, 36W **9L** - 9,000 lms, 54W **12L** - 12,000 lms, 74W **15L** - 15,000 lms, 91W **18L** - 18,000 lms, 111W **21L** - 21,000 lms, 130W **24L** - 24,000 lms, 155W **27L** - 27,000 lms, 178W Custom Lumen Packages[1]	**2** - Type 2 **2M** - Type 2 Medium **3M** - Type 3 Medium **3W** - Type 3 Wide **4M** - Type 4 Medium **4F** - Type 4 Forward **4W** - Type 4 Wide **FTM** - Forward Throw Medium **5QN** - Type 5 Square Narrow **5QM** - Type 5 Square Medium **5Q** - Type 5 Square **5QW** - Type 5 Square Wide **AFR** - Automotive Front Row **AM** - Automotive Merchandise **WF** - 6x6 Wide Flood **LC** - Left Corner **RC** - Right Corner	**(Blank)** - Standard **L** - Optics rotated left 90° **R** - Optics rotated right 90°	**UNV** - Universal Voltage (120-277V) **HV** - High Voltage (347-480V)	**50K7** - 5000 CCT - 70 CRI **50K8** - 5000 CCT - 80 CRI **40K7** - 4000 CCT - 70 CRI **40K8** - 4000 CCT - 80 CRI **35K8** - 3500 CCT - 80 CRI *DarkSky Approved CCT's* **30K7** - 3000 CCT - 70 CRI **30K8** - 3000 CCT - 80 CRI **27K8** - 2700 CCT - 80 CRI	**BLK** - Black **BRZ** - Dark Bronze **GMG** - Gun Metal Gray **GPT** - Graphite **MSV** - Metallic Silver **PLP** - Platinum Plus **SVG** - Satin Verde Green **WHT** - White

Mounting	Controls (Choose One)	Options
SA - Universal Side Arm Pole Mount **SF** - Adjustable Slip Fitter **UA** - Universal Adjustable Pole Mount Arm **MA** - Mast Arm	**(Blank)** - None **Wireless Controls System** **ALSC** - AirLink Synapse Control System **ALSCS2** - AirLink Synapse Control System with 12-20' MH Motion Sensor **ALSCS4** - AirLink Synapse Control System with 20-40' MH Motion Sensor **ALBMR1LR** - AirLink Blue Long Range Wireless Multi-Range Sensor Controller (8-15' MH)[4] **ALBMR2LR** - AirLink Blue Long Range Wireless Multi-Range Sensor Controller (16-40' MH)[4] **Stand-Alone Controls** **EXT** - 0-10v Dimming leads extended to housing exterior **CR7P** - 7 Pin Control Receptade ANSI C136.41[3] **IMSBTL1** - Integral Bluetooth™ Motion and Photocell Sensor (8-24' MH)[4] **IMSBTL2** - Integral Bluetooth™ Motion and Photocell Sensor (25-40' MH)[4] **PCIU** - 120-277 Button Photocell **PCI347** - 347V Button Photocell	**IS** - Integral Shield[2] **TE** - Tooless Entry (Mast Arm Only)

Need more information?
Click here for our glossary

Have additional questions?
Call us at (800) 436-7800

Accessory Ordering Information[5]

CONTROLS ACCESSORIES	
Description	**Order Number**
Twist Lock Photocell (120V) for use with CR7P	**122514**
Twist Lock Photocell (208-277) for use with CR7P	**122515**
Twist Lock Photocell (347V) for use with CR7P	**159516**
Twist Lock Photocell (480V) for use with CR7P	**1225180**
Universal Side Arm Pole Mount with CR7P	**911615CLR**[3,6]
AirLink 7 Pin Twist Lock Controller	**661410**
Shorting Cap for use with CR7P	**149328**
Adjustable Output Module	**734263**

FUSING OPTIONS[7]	
Description	**Order Number**
Single Fusing (120V)	See Fusing Accessory Guide
Single Fusing (277V)	
Double Fusing (208V, 240V)	
Double Fusing (480V)	
Double Fusing (347V)	

EXTERNAL SHIELDING OPTIONS	
Description	**Order Number**
1.5" External Shield	
3" External Shield	

1. Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DLC listed.
2. Not available on Type 5 or wide flood distributions.
3. Control device or shorting cap must be ordered separately. See Accessory Ordering Information.
4. Motion sensors are field configurable via the LSI app that can be downloaded from your smartphone's native app store.
5. Accessories are shipped separately and field installed.
6. "CLR" denotes finish. See Finish options.
7. Fusing must be located in hand hole of pole. See Fusing Accessory Guide for compatability.

©LSI Industries Inc. All Rights Reserved. Specifications and dimensions subject to industry standard tolerances. Specifications subject to change without notice.

V-Locity® Small (VALS) Outdoor LED Area Light

Type : _____

Have questions? Call us at (800) 436-7800

ACCESSORIES

MOUNTING ACCESSORIES

Side Arm

Bullhorn Bracket
Mounts onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon and allows for mounting up to 4 adjustable slip fitter mount luminaires
Part Number: BKS PTB 2 CLR / BKS PTB 12 CLR (2 Luminaires)
Part Number: BKS PTB 3-30 CLR / BKS PTB 13-30 CLR (3 Luminaires)
Part Number: BKS PTB 4 CLR / BKS PTB 14 CLR (4 Luminaires)



Flood Wall Mount Bracket
Mounts onto vertical wall surface (hardware/anchors not included)
Part Number: BKS FMW 5 CLR (5" Straight Version)
Part Number: BKS FMW 18 CLR (18" Curved Version)



Bolt on Side Tenon Mount
Bolt on Side Tenon Mount
Part Number: BKSFBO 5 CLR (5" Straight Version)
Part Number: BKSFBO 18 CLR (18" Curved Version)
Part Number: BKSFBO 30 CLR (30" Dual Tenon Version)



Tenon / Slipfitter

Square Tenon Top
Allows to seamlessly integrate LSI luminaires to open top 4", 5" or 6" square poles with 11 ga. Or 7 ga. wall thickness
Part Number: BKA ISF_SQ 2S CLR



Square Tenon Top
Mounts onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon and allows for mounting up to 4 luminaires
Part Number: BKA XNM *



Square Internal Slipfitter
Mounts inside 4" or 5" square pole and allows for mounting up to 4 lumianires
Part Number: BKA X_ISF * CLR



Wall Mount/ Wood Pole

Wall Mount Bracket
Mounts onto vertical wall surface (hardware/anchors not included)
Part Number: BKS XBO WM CLR
Part Number: BKS B3 WM CLR *(w/Surface Conduit Entry)*



Wood Pole Bracket
Mounts onto wooden poles (6" minimum OD, hardware/anchors not inlcuded)
Part Number: BKS XBO WP CLR



SHIELDING, POLES & MISC. ACCESSORIES

Shielding

Integral Shield for Asymmetric Distributions
Field Install Integral shield provides maximum backlight control by shiedling each individual row of LEDS with minimal impact on Streett/front side distribution (includes 2 shields)
Part Number: 879644



Integral Shield for Left and Right Corner Distributions
Field install integral shield provides cutoff from two sides for maximum spill light control when utilizing LC or RC corner distributions (includes 2 shields)
Part Number: 879643



External Shield
External shield blocks view of light source from anyside of luminaire, additional shielding configurations available
Part Number: 835696 (1.5") / 835694 (3")



Poles

Square Poles
14 - 39' steel and aluminum poles in 4", 5" and 6" sizes for retrofit and new construction
Part Number: 4SQ/5SQ/6SQ



Round Poles
10 - 30' steel and aluminum poles in 4" and 5" sizes for retrofit and new construction
Part Number: 4RP/5RP



Tapered Poles
20' - 39' steel and aluminum poles for retrofit and new construction
Part Number: RTP



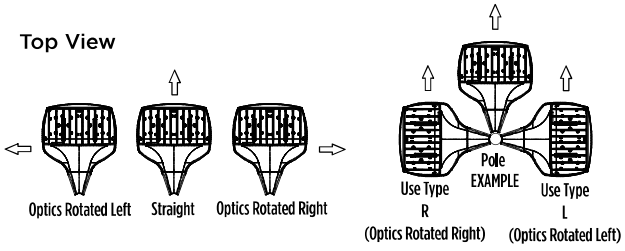
Misc.

Bird Spikes
10' linear bird spike (3' recommended per luminaire) silcone adhesive (covers approximately 25' linear fee of bird spike) and application tool
Spike Part Number: 751631
Adhesive Part Number: 751632
Caulk Gun Part Number: 751636



1 Replace CLR with paint finish description
2 Repleace XX with SQ for square pole or RD for round pole (≥3" OD)
3 Replace * with S (Single), D180 (Double @180°), D90 (Double @90°), T90 (Triple), Q90 (Quad)
4 Replace _ with 4 (4" square pole) or 5 (5" square pole)

OPTICS ROTATION

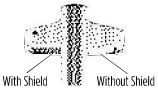


ACCESSORIES/OPTIONS

Integral Shield (IS)

Integral Shield (IS) available for improved backlight control without sacrificing Streett side performance. LSI's Integral Shield (IS) option delivers backlight control that significantly reduces spill light behind the pole for applications with pole locations close to adjacent properties. The design maximizes forward reflected light while reducing glare, maintaining the optical distribution selected, and most importantly eliminating light trespass. Shields rotate with the optical distribution.

Integral Shield (IS)



Luminaire Shown with AirLink Blue Sensor Option



7 Pin Photoelectric Control

7-pin ANSI C136.41-2013 control receptacle option available for twist lock photocontrols or wireless control modules. Control accessories sold separately. Dimming leads from the receptacle will be connected to the driver dimming leads (Consult factory for alternate wiring).

Luminaire Shown with CR7P



©LSI Industries Inc, All Rights Reserved, Specifications and dimensions subject to industry standard tolerances, Specifications subject to change without notice.

Submitted by Diversified			
Diversified	**Job Name:** ELIZABETHTOWN CROSSING Engineer: RETTEW (ALLENTOWN) DLA Layout/Calcs: DIVERSIFIED Layout/ Calcs (Warminster)	**Catalog Number:** SCV-LED-15L-SC-30 Notes:	**Type:** **LC** PHI26-264927

Catalog # : _____ Project : _____ Type : _____

Prepared By : _____ Date : _____

Scottsdale Vertex™ (SCV)

Petroleum Canopy Light



OVERVIEW	
Lumen Package (lm)	9,000 - 23,000
Wattage Range (W)	67 - 188
Efficacy Range (LPW)	109 - 154
Weight lbs (kg)	18.5 (8.4)
Controls	ALBMR, ALBCS, IMSBTxL

QUICK LINKS

FEATURES & SPECIFICATIONS

Construction

- Rugged low-profile die-cast aluminum housing, optical unit, and driver cover.
- Below canopy access to optical chamber and driver housing for serviceability.
- IP66 rated luminaire protects integral components from dust and water.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling.
- Four fasteners secure the door frame to housing. Door frame also provides quick and easy access to the electrical compartment for servicing.
- Shipping weight: 18.5 lbs in carton.

Optical System

- Symmetrical distribution utilizes a clear tempered flat glass lens to uniformly illuminate the area under the gas canopy.
- Combination Forward Throw distribution uses clear tempered flat glass and optical grade PMMA acrylic lens to create an industry leading unique distribution pattern to illuminate the area under the gas canopy and the area between the gas canopy and convenience store eliminating the need for extra floodlights.
- Available in 5000K, 4000K and 3000K color temperatures.
- Minimum CRI of 80.

Electrical

- High-performance factory programmable driver; features include over-voltage, undervoltage, short circuit and over temperature protection.
- Integral 6kV surge protection that meets IEEE C62.41.2 and ANSI C82.77-5 Location Category C Low standards.
- Additional field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- Custom lumen and wattage packages available.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L80 Calculated Life: >100k Hours (See Lumen Maintenance on Page 2).
- Total harmonic distortion: <20%.
- Operating temperature: -40°C to +50°C. (-40°F to +122°F) when mounted to Steel/ Aluminum surfaces for 10L, 13L, & 15L Lumen Packages, +45°C for 20L Lumen Package, and +35°C for 23L Lumen Package. If mounted to a non-metallic surface, reduce ambient by 5°C.
- Power factor: >0.90.
- High-efficacy LEDs are mounted to (4) circuit boards to maximize heat dissipation.
- Driver components are fully encased in potting material for moisture resistance. Driver complies with FCC standards.

Hazardous Location

- Designed for lighter than air fuel applications. Product is suitable for Class 1 Division 2 with all lumen packages and distributions only when properly installed per LSI installation instructions. Models with optional controls are not approved for Class 1, Division 2 applications.
  - Gas Groups A, B, C, and D – Group A: Acetylene / Group B: Hydrogen / Group C: Propane and Ethylene / Group D: Benzene, Butane, Methane & Propane.

Installation (Standard)

- Installs in a 12" or 16" deck pan.
- Four fasteners are provided for use in single deck steel canopies. Other suitable fasteners may be required and provided by others.
- Unit is designed to quickly retrofit into existing Scottsdale (4") hole.
- Aluminum locking collar and gasket are included and required for complete seal and support of canopy deck.
- Retrofit panels are available for existing Encores, Richmond, 2x2 Universal, and more.
- Direct mount to surface or recessed J box with hardware bracket kit ordered separately as an accessory.

Installation (REDiMount)

- Patent pending 3 piece quick mounting system; components include collar, capsule and connector.
- Designed to reduce canopy penetrations and increase installation efficiency.
- Installs in 12" or 16" deck pan.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to https://www.lsicorp.com/resources/terms-conditions-warranty/ for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- State of California Title 24 Compliant with IMSBT option.
- DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- IDA compliant with 3000K or lower color temperature.

©LSI Industries Inc. All Rights Reserved. Specifications and dimensions subject to industry standard tolerances. Specifications subject to change without notice.

Scottsdale Vertex™ (SCV) Petroleum Canopy Light

Type : _____

Have questions? Call us at (800) 436-7800

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: SCV LED 13L SC UNV DIM 50 WHT IMSBT2 REDI

Prefix	Light Source	Lumen Package	Distribution	Voltage	Driver	Color Temperature	Finish	Options	Mounting
SCV - Petroleum Canopy Luminaire	**LED**	**10L** - 10,000 Lumens **13L** - 13,000 Lumens **15L** - 15,000 Lumens **20L** - 20,000 Lumens **23L** - 23,000 Lumens	**SC** - Standard Symmetric	**UNV** - Universal Voltage (120-277VAC) **HV** - 347-480V[2]	**DIM** - 0-10V Dimming[3]	**30** - 3000K **40** - 4000K **50** - 5000K	**WHT** - White **BLK** - Black **BRZ** - Bronze	**Blank** - None **ALBMR1** - AirLink Blue Multi Range Motion and Photo Sensor (8-15' mounting height) **ALBCS2** - AirLink Blue Wireless Motion & Photo Sensor (16-40' mounting height) **IMSBT1L** - Integral Bluetooth™ Motion and Photocell Sensor (8-24' mounting height)[4] **IMSBT2L** - Integral Bluetooth™ Motion and Photocell Sensor (25-40' mounting height)[4] **HL** - Hazardous Location Class 1 Div 2[5]	**Blank** - None **REDI** - REDiMount integrated junction box system[6]
	Custom Lumen Packages[1] **23L** - 23,000 Lumens	**SCFT** - Combination Standard Symmetric and Forward Throw[1]							

Need more information?
Click here for our glossary

Have additional questions?
Call us at (800) 436-7800

ACCESSORY ORDERING INFORMATION

Part Number	Description
673425R2	Retrofit Panel Kit - EC / ECTA / SCF to SCV, for 16" Deck Panel with larger openings[7]
676011R2	Retrofit Panel Kit - EC / ECTA / SCF to SCV, for 12" Deck Panel[8]
673426R2	Retrofit Panel Kit - RECU Richmond to SCV
673427R2	Retrofit Panel Kit - UNV Universal 2x2 to SCV
357282	Retrofit 2x2 Cover Panel Blank (no holes)
354702	Retrofit RIC Cover Panel Blank (no holes)
557193WHT	26" X 26" Beauty Plate Kit (with 4" Center hole)
564160WHT	26" X 32" Beauty Plate Kit (with 4" Center hole)

Part Number	Description
687461	Junction Box
1320540	Kit - Hole Plugs and Sealant (enough for 25 retrofits)
678291R2WHT	Rectangular Top Plate Kit (includes top plate and sealant)
673433R2	Surface Mount Box
687462R2	Retrofit Kit - CRU/CRUS to SCV
744333	Retrofit Kit for SCM/SCV to upgrade SC/SCF/EC/ECTA White
752172R2	Bracket SCM/SCV Direct Mount with Hardware

1 Custom lumen and wattage packages available consult factory. Values are within industry standard tolerances but not DLC listed.
2 HV not available with REDiMount.
3 0-10 low voltage wired dimming not available with REDiMount.
4 IMSBTxL is field configurable via the LSI app that can be downloaded from your smartphone's native app store.
5 HL not compatible with AirLink, IMSBTxL, 3000K, or REDiMount.
6 Light fixture engine does not ship with REDiMount attached.
7 Ideal for 9" to 12" openings.
8 Ideal for 9" openings.

©LSI Industries Inc. All Rights Reserved. Specifications and dimensions subject to industry standard tolerances. Specifications subject to change without notice.

Scottsdale Vertex™ (SCV) Petroleum Canopy Light

Type : _____

Have questions? Call us at (800) 436-7800

PERFORMANCE

Delivered Lumens*

Lumen Package	3000K CCT			4000K CCT			5000K CCT			Wattage
	Delivered Lumens	Efficiency	BUG Ratings	Delivered Lumens	Efficiency	BUG Ratings	Delivered Lumens	Efficiency	BUG Ratings	
10L	9,652	144	B3-U0-G1	9,928	148	B3-U0-G1	10,317	154	B3-U0-G1	67
13L	12,567	140	B3-U0-G1	12,927	144	B3-U0-G1	13,443	149	B3-U0-G1	90
15L	13,999	137	B3-U0-G1	14,399	141	B3-U0-G1	14,963	147	B3-U0-G1	102
20L	18,755	141	B4-U0-G1	19,598	147	B4-U0-G1	20,234	152	B4-U0-G1	133
23L	21,783	141	B4-U0-G2	22,406	145	B4-U0-G2	23,284	150	B4-U0-G2	155
23L (SCFT)	20,886	111	B3-U0-G3	23,187	123	B4-U0-G3	23,101	123	B3-U0-G3	188

*LEDs are frequently updated therefore values are nominal.

Recommended Lumen Maintenance - SCV 15L SC[1]

Ambient Temperature °C	Lumen Multiplier				
	Initial[2]	25k hr[2]	50k hr[2]	75k hr[3]	100k hr[3]
25	102%	97%	92%	88%	84%
30	102%	97%	92%	88%	84%
35	102%	97%	92%	88%	84%
40	102%	97%	92%	88%	84%
45	101%	95%	91%	86%	81%
50	101%	95%	90%	85%	80%

Recommended Lumen Maintenance - SCV 23 SCFT[1]

Ambient Temperature °C	Lumen Multiplier				
	Initial[2]	25k hr[2]	50k hr[2]	75k hr[3]	100k hr[3]
25	105%	88%	73%	61%	51%
30	105%	80%	61%	47%	36%
35	105%	70%	47%	32%	21%

Recommended Lumen Maintenance - SCV 23 SC[1]

Ambient emperature °C	Lumen Multiplier				
	Initial[2]	25k hr[2]	50k hr[2]	75k hr[3]	100k hr[3]
25	102%	97%	92%	88%	84%
30	102%	97%	92%	88%	84%
35	102%	97%	92%	88%	84%
40	101%	96%	91%	86%	82%

Electrical Data - Current draw in AMPS*

Lumen Package	Wattage	120V	208V	240V	277V	347V	480V
10L	67	0.56	0.32	0.28	0.24	0.19	0.14
13L	90	0.75	0.43	0.37	0.32	0.26	0.19
15L	102	0.85	0.49	0.42	0.37	0.29	0.21
20L	133	1.1	0.64	0.55	0.48	0.38	0.28
23L (SC)	155	1.29	0.75	0.65	0.56	0.45	0.32
23L (SCFT)	188	1.57	0.9	0.78	0.68	0.54	0.39

*Electrical data at 25°C (77F). Actual wattage may differ by +/-10%.

1 Lumen maintenance values at 25°C are calculated per TM-21 based on LM-80 data and in-situ luminaire testing.
2 In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).
3 In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times NA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).

©LSI Industries Inc. All Rights Reserved. Specifications and dimensions subject to industry standard tolerances. Specifications subject to change without notice.

Catalog # : _____ Project : _____ Type : _____

Prepared By : _____ Date : _____

Mirada Medium Wall Sconce (XWM)

Outdoor Wall Sconce

IP65 IK10



OVERVIEW	
Lumen Package	3,000 - 21,000
Wattage Range	23 - 175
Efficacy Range (LPW)	125 - 158
Weight lbs(kg)	27 (12.2)
Control Options	IMSBT, ALB, ALS, PCI

QUICK LINKS

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Hinged die-cast aluminum wiring access door located underneath.
- Galvanized-steel universal wall mount bracket comes standard with hinging mechanism to easily access the junction box wire connections without removing the luminaire.
- Optional pole-mounting bracket (XPMA) permits mounting to standard poles.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Max shipping weight: 30lbs in carton

Optical System

- State-of-the-Art one piece silicone optic provides industry leading optical control while also acting as an integrated gasket reducing system complexity and improving fixture reliability.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in Types 2, 3, 4, and FT distributions.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93-95%.
- Zero uplight.
- 5000K, 4000K, 3500K, 3000K, and 2700K color temperatures per ANSI C78.377. Also Available in Phosphor Converted Amber with Peak intensity at 610nm.
- 70 or 80CRI Minimum.

Electrical

- High-performance programmable driver features over-voltage, under-voltage, short-circuit and over temperature protection. Custom lumen and wattage packages available.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L80 Calculated Life: >100k Hours
- Total harmonic distortion (THD): <20%
- 3L to 12L operating temperature: -40°C to +50°C (-40°F to +122°F)
- 15L operating temperature: -40°C to +45°C (-40°F to +113°F).
- 18L operating temperature: -40°C to +40°C (-40°F to +104°F).
- 21L operating temperature: -40°C to +35°C (-40°F to + 95°F).
- Power factor (PF): >.90
- Input power stays constant over life.
- Optional 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed via hinged door.
- Optional integral emergency battery pack provides 90-minutes of constant power to the LED system, ensuring code compliance. A test switch/indicator button is installed on the housing for ease of maintenance. The fixture delivers 1500 lumens (10w) or 3000 lumens (20w) during emergency mode.

Controls

- Integral passive infrared Bluetooth™ motion sensor options. Fixtures operate independently and can be commissioned via an iOS or Android configuration app. Updates and modifications to the control strategy are easily implemented via an intuitive app.
- AirLink™ Blue wireless control system with technology partner Silvair incorporates Luminaire Level Lighting Controls (LLLC) and high-end trim.

Installation

- Universal wall mounting plate easily mounts directly to 4" octagonal or square junction box.
- 2 fasteners secure the hinged door underneath the housing and provide quick & easy access to the electrical compartment for installing/servicing.
- Optional terminal block accepts up to 12 ga wire.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to https://www.lsicorp.com/resources/terms-conditions-warranty/ for more information.
- 1 Year warranty on Battery Back-up option.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- DarkSky Approved with 3000K or warmer color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet Locations.
- IP65 rated luminaire per IEC 60598.
- 3G rated for ANSI C136.31 high vibration applications when pole mounted (using optional XPMA bracket) or wall mounted.
- IK10 rated luminiare per IEC 66262 mechanical impact code
- DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

©LSI Industries Inc. All Rights Reserved. Specifications and dimensions subject to industry standard tolerances. Specifications subject to change without notice.

Mirada Medium Wall Sconce (XWM) Outdoor Wall Sconce

Type : _____

Have questions? Call us at (800) 436-7800

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: XWM 2 LED 03L 30 UE BRZ ALSC

Family	Distribution	Light Source	Lumen Package	Color Temperature
XWM - Mirada Medium Wall Sconce	**2** - Type 2 **3** - Type 3 **4** - Type 4 **FT** - Type 4 Forward Throw	**LED**	**3L** - 3,000 (23w) **4L** - 4,000 (30w) **6L** - 6,000 (47w) **8L** - 8,000 (64w) **12L** - 12,000 (77w) **15L** - 15,000 (98w) **18L** - 18,000 (122w) **21L** - 21,000 (150w) **Custom Lumen Packages**[1]	**50** - 5000K (70CRI) **50K8** - 5000K (80CRI) **40** - 4000K (70CRI) **40K8** - 4000K (80CRI) **35K8** - 3500K (80CRI) DarkSky Approved CCT's **30** - 3000K (70 CRI) **30K8** - 3000K (80 CRI) **27K8** - 2700K (80 CRI) **AMB** - Phosphor Converted Amber[2]

Voltage	Finish	Controls	Options
UE - Universal Voltage (120-277V) **HV** - High Voltage (347-480V)	**BLK** - Black **BRZ** - Dark Bronze **GMG** - Gun Metal Gray **GPT** - Graphite **MSV** - Metallic Silver **PLP** - Platinum Plus **SVG** - Satin Verde Green **WHT** - White	**Blank** - None **Wireless Controls** **ALSC** - Airlink Synapse Control System **ALSCS01** - AirLink Synapse Control System with 8-12' Motion Sensor **ALSCS02** - AirLink Synapse Control System with 12-20' Motion Sensor **ALBMR1LR** - AirLink Blue Wireless Motion & Photo Sensor Controller (8 - 15') mounting height)[3] **ALBMR2LR** - AirLink Blue Wireless Motion & Photo Sensor Controller (16 - 40' mounting height)[3] **Standalone Controls** **DIM** - 0-10v Dimming leads extended to housing exterior **IMSBT1L** -Integral Bluetooth™ Motion and Photocell Sensor (8-24' MH)[3,4] **IMSBT2L** - Integral Bluetooth™ Motion and Photocell Sensor (25-40' MH)[3,4] **Button Type Photocells** **PC120** - 120V **PC208-277** - 208 -277V **PC347** - 347V	**Blank** - None **BB** - Battery Back-up (0°C)[5] **CWBB** - Cold Weather Battery Backup (-20°C)[5] **BB20** - 20W Battery Back-up (0°C)[5] **XPMA** - Pole Mounting Bracket **SP1** - 10kV Surge Protection **TB** - Terminal Block

Need more information?
Click here for our glossary

Have additional questions?
Call us at (800) 436-7800

FUSING ACCESSORY ORDERING INFORMATION[6]

Part Number	Description
FK120[7]	FK120 - Single Fusing
FK277[7]	FK277 - Single Fusing
FK347[7]	FK347 - Single Fusing
DFK208[7]	DFK - Double Fusing
DFK240[7]	DFK - Double Fusing (240V)
DFK480[7]	DFK - Double Fusing (480V)

MOUNTING ACCESSORY ORDERING INFORMATION[6]

Part Number[8]	Description
809374CLR	XWM Wet Location Surface Conduit/Wiring Box
751632	10' Linear Bird Spike Kit (2' Recommended per Luminaire)

CONTROLS ACCESSORY ORDERING INFORMATION

Part Number	Description
734263	Adjustable Output Module



1 Custom lumen and wattage packages available consult factory. Values are within industry standard tolerances but not DLC listed.
2 Only available in 6L Lumen Package. Consult factory for lead time and availability.
3 IMSBT and ALBMRxLR control options are not available in 3L or 4L lumen packages when high voltage (HV) is specified.
4 IMSBTxL is field configurable via the Leviton app that can be downloaded from your smartphone's app store.
5 Not available in HV.
6 Accessories are shipped separately and field installed.
7 Fusing must be located in a hand hole for pole or in the junction box.
8 "CLR" to be replaced by paint finish selection. See Finish options for paint color selections.

©LSI Industries Inc. All Rights Reserved. Specifications and dimensions subject to industry standard tolerances. Specifications subject to change without notice.

Mirada Medium Wall Sconce (XWM) Outdoor Wall Sconce

Type : _____

Have questions? Call us at (800) 436-7800

PERFORMANCE

Delivered Lumens[1]

Lumen Package	Distribution	CRI	3000K			4000K			5000K			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
3L	2	70	3,178	138	B1-U0-G1	3,368	146	B1-U0-G1	9,853	159	B1-U0-G1	23
	3		3,224	140	B1-U0-G1	3,416	148	B1-U0-G1	3,361	145	B1-U0-G1	
	4		3,210	140	B1-U0-G2	3,364	146	B1-U0-G2	3,294	143	B1-U0-G2	
	FT		3,160	137	B1-U0-G1	3,349	145	B1-U0-G1	3,294	143	B1-U0-G1	
4L	2	70	4,230	139	B1-U0-G1	4,483	147	B1-U0-G1	4,410	145	B1-U0-G1	30
	3		4,291	141	B1-U0-G1	4,547	150	B1-U0-G1	4,473	147	B1-U0-G1	
	4		4,234	141	B1-U0-G2	4,437	148	B1-U0-G2	4,344	145	B1-U0-G2	
	FT		4,206	138	B1-U0-G1	4,458	147	B1-U0-G1	4,385	144	B1-U0-G1	
6L	2	70	6,326	134	B2-U0-G1	6,704	142	B2-U0-G2	6,595	140	B2-U0-G2	47
	3		6,417	136	B1-U0-G2	6,800	144	B2-U0-G2	6,689	142	B2-U0-G2	
	4		6,336	135	B1-U0-G3	6,640	141	B1-U0-G3	6,500	138	B1-U0-G3	
	FT		6,290	134	B2-U0-G2	6,666	142	B2-U0-G2	6,557	139	B2-U0-G2	
8L	2	70	8,166	128	B2-U0-G2	8,654	135	B2-U0-G2	8,513	133	B2-U0-G2	64
	3		8,283	129	B2-U0-G2	8,778	137	B2-U0-G2	8,635	134	B2-U0-G2	
	4		8,362	131	B1-U0-G3	8,763	137	B2-U0-G3	8,579	134	B1-U0-G3	
	FT		8,120	126	B2-U0-G2	8,605	134	B2-U0-G2	8,465	132	B2-U0-G2	
12L	2	70	11,492	149	B2-U0-G2	12,033	156	B3-U0-G2	11,927	155	B3-U0-G2	77
	3		11,757	153	B2-U0-G2	12,311	160	B2-U0-G2	12,203	158	B2-U0-G2	
	4		11,486	149	B2-U0-G3	12,058	157	B2-U0-G3	11,716	152	B2-U0-G3	
	FT		11,721	152	B2-U0-G2	12,274	159	B2-U0-G3	12,166	158	B2-U0-G3	
15L	2	70	14,221	145	B3-U0-G2	14,891	152	B3-U0-G2	14,760	151	B3-U0-G2	98
	3		14,549	148	B2-U0-G2	15,235	155	B2-U0-G2	15,101	154	B2-U0-G2	
	4		14,099	144	B2-U0-G3	14,801	151	B2-U0-G3	14,382	147	B2-U0-G3	
	FT		14,505	148	B2-U0-G3	15,189	155	B2-U0-G3	15,055	154	B2-U0-G3	
18L	2	70	16,894	138	B3-U0-G3	17,690	145	B3-U0-G3	17,534	144	B3-U0-G3	122
	3		17,285	142	B3-U0-G3	18,099	148	B3-U0-G3	17,940	147	B3-U0-G3	
	4		16,951	139	B2-U0-G3	17,795	146	B3-U0-G3	17,291	142	B3-U0-G3	
	FT		17,231	141	B3-U0-G3	18,044	148	B3-U0-G3	17,885	147	B3-U0-G3	
21L	2	70	19,961	133	B3-U0-G3	20,902	139	B3-U0-G3	20,718	138	B3-U0-G3	150
	3		20,422	136	B3-U0-G3	21,385	143	B3-U0-G3	21,197	141	B3-U0-G3	
	4		19,768	132	B3-U0-G4	20,753	138	B3-U0-G5	20,165	134	B3-U0-G4	
	FT		20,360	136	B3-U0-G3	21,320	142	B3-U0-G3	21,132	141	B3-U0-G3	

LUMEN SCALING FACTOR

70CRI - 80CRI	3000K 70CRI - 3500K 80CRI	3000K 70CRI - 2700K 80CRI
0.93	1.00	0.86

Electrical Data (Amps) - 2700K/3000K/3500K/4000K/5000K[2]

Lumen Package	120V	208V	240V	277V	347V	480V
3L	0.19	0.11	0.10	0.08	0.07	0.05
4L	0.25	0.14	0.13	0.11	0.09	0.06
6L	0.39	0.23	0.20	0.17	0.14	0.10
9L	0.53	0.31	0.27	0.23	0.18	0.13
12L	0.64	0.37	0.32	0.28	0.22	0.16
15L	0.82	0.47	0.41	0.35	0.28	0.20
18L	1.02	0.59	0.51	0.44	0.35	0.25
21L	1.25	0.72	0.63	0.54	0.43	0.31

Recommended Lumen Maintenance - XWM[3]

Ambient Temperature C°	Initial[4]	25K hrs.[4]	50K hrs.[4]	75K hrs.[5]	100K hrs.[5]
35	99%	97%	95%	93%	91%
50	100%	98%	95%	93%	90%

Delivered Lumens (Phosphor Converted Amber)

Lumen Package	Distribution	Amber			Wattage
		Delivered Lumens	Efficacy	BUG Rating	
6L	2	3,325	76	B1-U0-G1	44
	3	3,385	78	B1-U0-G1	
	4	3,310	75	B1-U0-G1	
	FT	3,343	77	B1-U0-G1	

1 LEDs are frequently updated therefore values are nominal
2 Electrical data at 25C (77F). Actual wattage may differ by +/-10%.
3 Lumen maintenance values at 25°C are calculated per TM-21 based on LM-80 data and in-situ luminaire testing.
4 In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).
5 In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times NA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).

©LSI Industries Inc. All Rights Reserved. Specifications and dimensions subject to industry standard tolerances. Specifications subject to change without notice.

Submitted by Diversified

Diversified

Job Name:
ELIZABETHTOWN CROSSING
Engineer: RETTEW (ALLENTOWN)
DLA Layout/Calcs: DIVERSIFIED Layout/ Calcs (Warminster)

Catalog Number:
4130LED-12L40T4-MDL014-SV1

Notes:

Type:
SH4
PHI26-264927

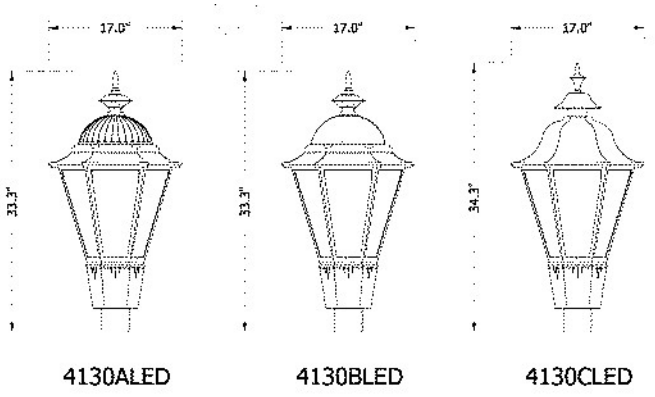
Specification Sheet

Heritage
4130_LED

Project Name _____ **Qty** _____

Type _____ **Catalog / Part Number** _____





Distribution Type



Type 2 Type 3 Type 4 Type 5

CCT - Color Temp (K)



2,700K 3,000K 3,500K 4,000K 5,000K

7 Year Warranty



Certifications

c UL us LISTED

Description

The 4130_LED Heritage II Series is a medium scale elegantly styled fixture series featuring a tapered six sided cage and roof. Three unique roof styles makes this a configurable product for any application.

EPA: 2.46 (ft²) | WEIGHT: 55 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: 2 Arm @ 180° & Post Top	**3A:** 3 Arms @ 120°
		3A90: 3 Arms @ 90°
	3APT: 3 Arm @ 120° & Post Top	**4A:** 4 Arms @ 90°
		4APT: 4 Arm @ 90° & Post Top
	1AM: 1 Arm Mid-Mount	**2AM:** 2 Arm Mid-Mount @180°
	450PB: Pier Base	**SH44:** Stem Hung
	CH44: Chain Hung	**CAT:** Catenary
Optional Control	**PEC:** Electronic Button Photocontrol (120V-277V) **PEC4:** Electronic Button Photocontrol (480V)	
Optional Fuse	**FHD:** Double Fuse and Holder	
Optional Hangstraight	**EZ:** Vertical Hangstraight, Large, "EZ" Mount	
Optional House Side Shield	**BLOC:** Back Light Optical Control	
Optional Fixed Dimming Resistor Board	**FDRB:** Fixed Dimming Resistor Board	

Physical

Fixture	**4130ALED:** Heritage, Fluted Roof **4130ALEDH:** Heritage, Fluted Roof Hanging **4130BLED:** Heritage, Polished Brass Dome **4130CLED:** Heritage, Solid Roof **4130CLEDH:** Heritage, Solid Roof Hanging

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.06.04 Copyright © 2024 Sternberg

Specification Sheet

Heritage
4130_LED

Lens	**CSA:** Clear Seeded Acrylic **CTA:** Clear Textured Acrylic **PA:** Prismatic Acrylic **SV1:** Flat Soft Vue Light Diffused Acrylic **SV2:** Flat Soft Vue Moderate Diffused Acrylic **SV4:** Flat Soft Vue Maximum Diffused Acrylic
Optional Chimney	**FHC:** Frosted Hurricane Chimney
Optional Internal Flat Lens	**SV1F:** Light diffused internal flat lens **SV2F:** Moderate diffused internal flat lens
Finish	**BKT:** Black Textured **WHT:** White Textured **PGT:** Park Green Textured **ABZT:** Architectural Medium Bronze Textured **DBT:** Dark Bronze Textured **CM:** Custom Match **OI:** Old Iron **RT:** Rust **WBR:** Weathered Brown **CD:** Cedar **WBK:** Weathered Black **TT:** Two Tone **VG:** Verde Green **SI:** Swedish Iron **OWGT:** Old World Gray Textured

Light Source

LED	**24L:** 24 LEDs **12L:** 12 LEDs	**16L:** 16 LEDs **08L:** 8 LEDs
CCT - Color Temp (K)	**27:** 2,700K **35:** 3,500K **50:** 5,000K	**30:** 3,000K **40:** 4,000K
Distribution Type	**T2:** Type 2 **T4:** Type 4	**T3:** Type 3 **T5:** Type 5

Electrical and control

Driver	**MDL014:** 120V-277V, 140mA	**MDH014:** 347V-480V, 140mA

Specifications

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.
Hang-Straight	A hang-straight transition is required for most mounting configurations when a HANGING version of the fixture is selected. The **(EZ)** is a cast stainless steel ball and swivel vertical hang-straight. The special 2-part design allows for easy installation. It is factory installed under an arm and on the fixture.
Catenary Mount	The Catenary mount option includes a cast aluminum span wire clamp, which accommodates cables **1/4"-5/8"** in diameter. Below the clamp is a decorative cast aluminum wire box and cover which transitions to the **EZ** vertical Hangstraight for fixture attachment. **Aircraft Cable by others.**

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.06.04 Copyright © 2024 Sternberg

Specification Sheet

Heritage
4130_LED

Internal Lens	An optional internal diffusing lens can be added for visual comfort. Suggested for use with CSA lenses but can be used in addition to any other external lens. Optional **(SV1F)** light diffused acrylic flat horizontal lens. Optional **(SV2F)** moderate diffused acrylic flat horizontal lens. Optional **(SV4F)** maximum diffused acrylic flat horizontal lens.
Lens	Optional SoftVue™ lens provides optimal visual comfort.
UL Listing	UL listed per UL1598 and CSA 22.2 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.
Warranty	7-year limited warranty. See Website for Terms and Conditions.
LEDs	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 at 25°C. The high brightness, high-output white LEDs shall be 4000K nominal (2700K, 3000K, 3500K or 5000K optional) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). Consult factory for custom CCT or CRI. The luminaire shall have a minimum _____ (see table) delivered initial lumens when operated at steady state with an average ambient temperature of 25°C (77°F). **CCT Lumen Derate Values from 4,000K** 2,700K (70+ CRI)=**.92** 3,000K (70+ CRI)=**.95** 3,500K (70+ CRI)=**1.03** 5,000K (70+ CRI)=**1.00**
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.
Frosted Chimney	An optional hourglass shaped opal glass Hurricane Chimney sits a top a decorative brass holder. This ornate feature adds a decorative element inside the lens to create a classic look.
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 will 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.

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.06.04 Copyright © 2024 Sternberg

Submitted by Diversified

Diversified

Job Name:
ELIZABETHTOWN CROSSING
Engineer: RETTEW (ALLENTOWN)
DLA Layout/Calcs: DIVERSIFIED Layout/ Calcs (Warminster)

Catalog Number:
PT-SL660-12L30T3-MDL014-SV1

Notes:

Type:
SS3
PHI26-264927

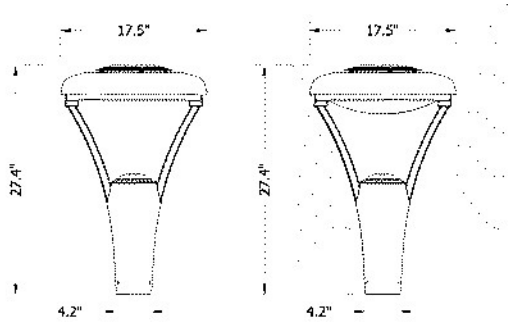
Specification Sheet

Solana™
SL660 Medium Post Top

Project Name _____ **Qty** _____

Type _____ **Catalog / Part Number** _____





7 Year Warranty

Mounting Configuration

Wall Mount | Post Top | 1 Arm Mount | 1 Arm & Post Top | 2 Arm Mount @ 180°

2 Arm Mount @ 90° | 2 Arm @ 180° & Post Top | 3 Arms @ 120° | 3 Arms @ 90° | 3 Arm @ 120° & Post Top

4 Arms @ 90° | 4 Arm @ 90° & Post Top | 1 Arm Mid-Mount | 2 Arm Mid-Mount @180°

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:** 2 Arm @ 180° & Post Top **3A:** 3 Arms @ 120° **3A90:** 3 Arms @ 90° **3APT:** 3 Arm @ 120° & Post Top **4A:** 4 Arms @ 90° **4APT:** 4 Arm @ 90° & Post Top **1AM:** 1 Arm Mid-Mount **2AM:** 2 Arm Mid-Mount @180°
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

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

Finish


Black Textured


Urban Gun Metal Textured


Urban Gun Metal Matte


Urban Bronze Textured


Urban Bronze Matte


Urban Silver Textured


Urban Silver Matte


Urban White Textured


Urban White Matte


Custom Match

CCT - Color Temp (K)


2,700K


3,000K


3,500K


4,000K


5,000K

Distribution Type


Type 2


Type 3


Type 4


Type 5

IP Rating



Certifications



Optional Fixed Dimming Resistor Board	**FDRB:** Fixed Dimming Resistor Board

Physical

Fixture	**SL660:** Medium Solana Post Top
Lens	**CA:** Clear Acrylic **FG:** Flat Glass **SA:** Sag Acrylic **FFG:** Frosted Flat Glass **SV1:** Flat Soft Vue Light Diffused Acrylic **SV2:** Flat Soft Vue Moderate Diffused Acrylic **SV4:** Flat Soft Vue Maximum Diffused Acrylic **SV1SA:** Soft Vue Light Diffused Sag Acrylic **SV2SA:** Soft Vue Moderate Diffused Sag Acrylic **SV4SA:** Soft Vue Maximum Diffused Sag Acrylic
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

Electrical and control

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

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

How to Order

Mounting Configuration	Fixture	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens
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** 2 Arm @ 180° & Post Top **3A** 3 Arms @ 120° **3A90** 3 Arms @ 90° **3APT** 3 Arm @ 120° & Post Top **4A** 4 Arms @ 90° **4APT** 4 Arm @ 90° & Post Top **1AM** 1 Arm Mid-Mount **2AM** 2 Arm Mid-Mount @180°	**SL660** Medium Solana Post Top	**24L** 24 LEDs **12L** 12 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 **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 **FG** Flat Glass **SA** Sag Acrylic **FFG** Frosted Flat Glass **SV1** Flat Soft Vue Light Diffused Acrylic **SV2** Flat Soft Vue Moderate Diffused Acrylic **SV4** Flat Soft Vue Maximum Diffused Acrylic **SV1SA** Soft Vue Light Diffused Sag Acrylic **SV2SA** Soft Vue Moderate Diffused Sag Acrylic **SV4SA** Soft Vue Maximum Diffused Sag Acrylic

Notes:

1. 12L system only.

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

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.

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

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 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 22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations.
IP Rating	IP66 rated luminaire for enhanced protection against dust and water intrusion.
NightSky® Friendly	Dark sky compliant optics 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.

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

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 at 25°C. The high brightness, high-output white LEDs shall be 4000K nominal (2700K, 3000K, 3500K or 5000K optional) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). Consult factory for custom CCT or CRI. The luminaire shall have a minimum _____ (see table) delivered initial lumens when operated at steady state with an average ambient temperature of 25°C (77°F).

CCT Lumen Derate Values from 4,000K
2,700K (70+ CRI)=**.92**
3,000K (70+ CRI)=**.95**
3,500K (70+ CRI)=**1.03**
5,000K (70+ CRI)=**1.00**

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
24L40T_-MDL018	11390	B2U0G2	96.5	11500	B2U0G2	97.5	11130	B2U0G2	94.3	11515	B3U0G1	97.6	118
24L30T_-MDL018	10880	B2U0G2	92.0	10965	B2U0G2	92.9	10610	B2U0G2	89.9	10980	B3U0G1	93.1	118
24L27T_-MDL018	9820	B2U0G2	83.2	9915	B2U0G2	84.0	9595	B2U0G2	81.3	9925	B3U0G1	84.1	118
24L40T_-MDL014	9230	B2U0G2	104.9	9320	B2U0G2	105.9	9020	B2U0G2	102.5	9335	B3U0G1	106.1	88
24L30T_-MDL014	8800	B2U0G2	100.0	8885	B2U0G2	101.0	8600	B2U0G2	97.7	8900	B3U0G1	101.1	88
24L27T_-MDL014	7955	B2U0G2	90.4	8035	B2U0G2	91.3	7775	B2U0G2	88.4	8045	B3U0G1	91.4	88
12L40T_-MDL018	5680	B1U0G1	96.0	5960	B1U0G1	99.2	5685	B1U0G1	94.8	5770	B2U0G1	96.2	60
12L30T_-MDL018	5605	B1U0G1	93.4	5675	B1U0G1	94.6	5420	B1U0G1	90.3	5550	B2U0G1	91.7	60
12L27T_-MDL018	5070	B1U0G1	84.5	5130	B1U0G1	85.5	4900	B1U0G1	81.7	4975	B2U0G1	82.9	60
12L40T_-MDL014	4800	B1U0G1	104.3	4880	B1U0G1	105.7	4645	B1U0G1	101.0	4735	B2U0G1	102.9	46
12L30T_-MDL014	4575	B1U0G1	99.5	4635	B1U0G1	100.8	4430	B1U0G1	96.3	4515	B2U0G1	98.2	46
12L27T_-MDL014	4140	B1U0G1	90.0	4190	B1U0G1	91.1	4005	B1U0G1	87.1	4080	B2U0G1	88.7	46
12L40T_-MDL008	2905	B1U0G1	107.6	2940	B1U0G1	108.9	2815	B1U0G1	104.3	2880	B1U0G0	106.7	27
12L30T_-MDL008	2770	B1U0G1	102.6	2805	B1U0G1	103.9	2685	B1U0G1	99.4	2745	B1U0G0	101.7	27
12L27T_-MDL008	2505	B1U0G1	92.8	2535	B1U0G1	93.9	2425	B1U0G1	89.8	2485	B1U0G0	92.0	27

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Diversified

Job Name:
ELIZABETHTOWN CROSSING
Engineer: RETTEW (ALLENTOWN)
DLA Layout/Calcs: DIVERSIFIED Layout/ Calcs (Warminster)

Catalog Number:
PT-SL660-12L30T4-MDL014-SV1

Notes:

Type:
SS4
PHI26-264927

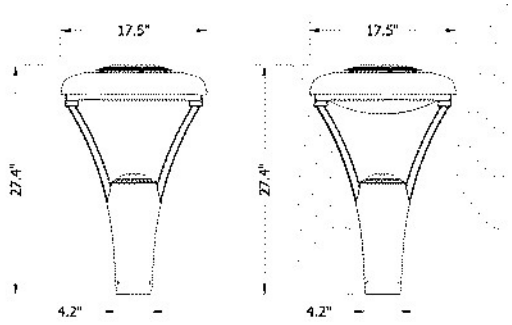
Specification Sheet

Solana™
SL660 Medium Post Top

Project Name _____ **Qty** _____

Type _____ **Catalog / Part Number** _____





7 Year Warranty

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

Mounting Configuration

Wall Mount | Post Top | 1 Arm Mount | 1 Arm & Post Top | 2 Arm Mount @ 180°

2 Arm Mount @ 90° | 2 Arm @ 180° & Post Top | 3 Arms @ 120° | 3 Arms @ 90° | 3 Arm @ 120° & Post Top

4 Arms @ 90° | 4 Arm @ 90° & Post Top | 1 Arm Mid-Mount | 2 Arm Mid-Mount @180°

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:** 2 Arm @ 180° & Post Top **3A:** 3 Arms @ 120° **3A90:** 3 Arms @ 90° **3APT:** 3 Arm @ 120° & Post Top **4A:** 4 Arms @ 90° **4APT:** 4 Arm @ 90° & Post Top **1AM:** 1 Arm Mid-Mount **2AM:** 2 Arm Mid-Mount @180°
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

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

Finish


Black Textured


Urban Gun Metal Textured


Urban Gun Metal Matte


Urban Bronze Textured


Urban Bronze Matte


Urban Silver Textured


Urban Silver Matte


Urban White Textured


Urban White Matte


Custom Match

CCT - Color Temp (K)


2,700K


3,000K


3,500K


4,000K


5,000K

Distribution Type


Type 2


Type 3


Type 4


Type 5

IP Rating



Certifications



Optional Fixed Dimming Resistor Board	**FDRB:** Fixed Dimming Resistor Board

Physical

Fixture	**SL660:** Medium Solana Post Top
Lens	**CA:** Clear Acrylic **FG:** Flat Glass **SA:** Sag Acrylic **FFG:** Frosted Flat Glass **SV1:** Flat Soft Vue Light Diffused Acrylic **SV2:** Flat Soft Vue Moderate Diffused Acrylic **SV4:** Flat Soft Vue Maximum Diffused Acrylic **SV1SA:** Soft Vue Light Diffused Sag Acrylic **SV2SA:** Soft Vue Moderate Diffused Sag Acrylic **SV4SA:** Soft Vue Maximum Diffused Sag Acrylic
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

Electrical and control

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

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

How to Order

Mounting Configuration	Fixture	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens
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** 2 Arm @ 180° & Post Top **3A** 3 Arms @ 120° **3A90** 3 Arms @ 90° **3APT** 3 Arm @ 120° & Post Top **4A** 4 Arms @ 90° **4APT** 4 Arm @ 90° & Post Top **1AM** 1 Arm Mid-Mount **2AM** 2 Arm Mid-Mount @180°	**SL660** Medium Solana Post Top	**24L** 24 LEDs **12L** 12 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 **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 **FG** Flat Glass **SA** Sag Acrylic **FFG** Frosted Flat Glass **SV1** Flat Soft Vue Light Diffused Acrylic **SV2** Flat Soft Vue Moderate Diffused Acrylic **SV4** Flat Soft Vue Maximum Diffused Acrylic **SV1SA** Soft Vue Light Diffused Sag Acrylic **SV2SA** Soft Vue Moderate Diffused Sag Acrylic **SV4SA** Soft Vue Maximum Diffused Sag Acrylic

Notes:

1. 12L system only.

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

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.

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

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 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 22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations.
IP Rating	IP66 rated luminaire for enhanced protection against dust and water intrusion.
NightSky® Friendly	Dark sky compliant optics 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.

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

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 at 25°C. The high brightness, high-output white LEDs shall be 4000K nominal (2700K, 3000K, 3500K or 5000K optional) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). Consult factory for custom CCT or CRI. The luminaire shall have a minimum _____ (see table) delivered initial lumens when operated at steady state with an average ambient temperature of 25°C (77°F).

CCT Lumen Derate Values from 4,000K
2,700K (70+ CRI)=**.92**
3,000K (70+ CRI)=**.95**
3,500K (70+ CRI)=**1.03**
5,000K (70+ CRI)=**1.00**

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
24L40T_-MDL018	11390	B2U0G2	96.5	11500	B2U0G2	97.5	11130	B2U0G2	94.3	11515	B3U0G1	97.6	118
24L30T_-MDL018	10880	B2U0G2	92.0	10965	B2U0G2	92.9	10610	B2U0G2	89.9	10980	B3U0G1	93.1	118
24L27T_-MDL018	9820	B2U0G2	83.2	9915	B2U0G2	84.0	9595	B2U0G2	81.3	9925	B3U0G1	84.1	118
24L40T_-MDL014	9230	B2U0G2	104.9	9320	B2U0G2	105.9	9020	B2U0G2	102.5	9335	B3U0G1	106.1	88
24L30T_-MDL014	8800	B2U0G2	100.0	8885	B2U0G2	101.0	8600	B2U0G2	97.7	8900	B3U0G1	101.1	88
24L27T_-MDL014	7955	B2U0G2	90.4	8035	B2U0G2	91.3	7775	B2U0G2	88.4	8045	B3U0G1	91.4	88
12L40T_-MDL018	5680	B1U0G1	96.0	5960	B1U0G1	99.2	5685	B1U0G1	94.8	5770	B2U0G1	96.2	60
12L30T_-MDL018	5605	B1U0G1	93.4	5875	B1U0G1	94.8	5420	B1U0G1	90.3	5550	B2U0G1	91.7	60
12L27T_-MDL018	5070	B1U0G1	84.5	5130	B1U0G1	85.5	4900	B1U0G1	81.7	4975	B2U0G1	82.9	60
12L40T_-MDL014	4800	B1U0G1	104.3	4880	B1U0G1	105.7	4645	B1U0G1	101.0	4735	B2U0G1	102.9	46
12L30T_-MDL014	4575	B1U0G1	99.5	4635	B1U0G1	100.8	4430	B1U0G1	96.3	4515	B2U0G1	98.2	46
12L27T_-MDL014	4140	B1U0G1	90.0	4190	B1U0G1	91.1	4005	B1U0G1	87.1	4080	B2U0G1	88.7	46
12L40T_-MDL008	2905	B1U0G1	107.6	2940	B1U0G1	108.9	2815	B1U0G1	104.3	2880	B1U0G0	106.7	27
12L30T_-MDL008	2770	B1U0G1	102.6	2805	B1U0G1	103.9	2685	B1U0G1	99.4	2745	B1U0G0	101.7	27
12L27T_-MDL008	2505	B1U0G1	92.8	2535	B1U0G1	93.9	2425	B1U0G1	89.8	2485	B1U0G0	92.0	27

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Diversified

Job Name:
ELIZABETHTOWN CROSSING
Engineer: RETTEW (ALLENTOWN)
DLA Layout/Calcs: DIVERSIFIED Layout/ Calcs (Warminster)

Catalog Number:
PT-SL660-12L30T5-MDL014-SV1

Notes:

Type:
SS5
PHI26-264927

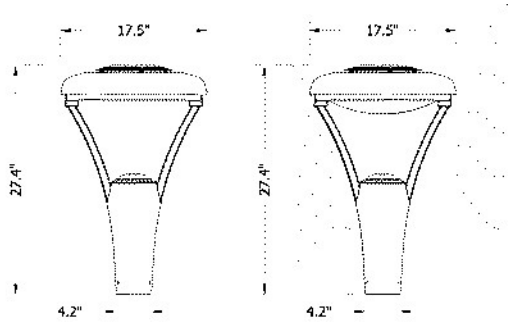
Specification Sheet

Solana™
SL660 Medium Post Top

Project Name _____ **Qty** _____

Type _____ **Catalog / Part Number** _____





7 Year Warranty

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

Mounting Configuration

Wall Mount | Post Top | 1 Arm Mount | 1 Arm & Post Top | 2 Arm Mount @ 180°

2 Arm Mount @ 90° | 2 Arm @ 180° & Post Top | 3 Arms @ 120° | 3 Arms @ 90° | 3 Arm @ 120° & Post Top

4 Arms @ 90° | 4 Arm @ 90° & Post Top | 1 Arm Mid-Mount | 2 Arm Mid-Mount @180°

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:** 2 Arm @ 180° & Post Top **3A:** 3 Arms @ 120° **3A90:** 3 Arms @ 90° **3APT:** 3 Arm @ 120° & Post Top **4A:** 4 Arms @ 90° **4APT:** 4 Arm @ 90° & Post Top **1AM:** 1 Arm Mid-Mount **2AM:** 2 Arm Mid-Mount @180°
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

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

Finish


Black Textured


Urban Gun Metal Textured


Urban Gun Metal Matte


Urban Bronze Textured


Urban Bronze Matte


Urban Silver Textured


Urban Silver Matte


Urban White Textured


Urban White Matte


Custom Match

CCT - Color Temp (K)


2,700K


3,000K


3,500K


4,000K


5,000K

Distribution Type


Type 2


Type 3


Type 4


Type 5

IP Rating



Certifications



Optional Fixed Dimming Resistor Board	**FDRB:** Fixed Dimming Resistor Board

Physical

Fixture	**SL660:** Medium Solana Post Top
Lens	**CA:** Clear Acrylic **FG:** Flat Glass **SA:** Sag Acrylic **FFG:** Frosted Flat Glass **SV1:** Flat Soft Vue Light Diffused Acrylic **SV2:** Flat Soft Vue Moderate Diffused Acrylic **SV4:** Flat Soft Vue Maximum Diffused Acrylic **SV1SA:** Soft Vue Light Diffused Sag Acrylic **SV2SA:** Soft Vue Moderate Diffused Sag Acrylic **SV4SA:** Soft Vue Maximum Diffused Sag Acrylic
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

Electrical and control

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

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

How to Order

Mounting Configuration	Fixture	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens
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** 2 Arm @ 180° & Post Top **3A** 3 Arms @ 120° **3A90** 3 Arms @ 90° **3APT** 3 Arm @ 120° & Post Top **4A** 4 Arms @ 90° **4APT** 4 Arm @ 90° & Post Top **1AM** 1 Arm Mid-Mount **2AM** 2 Arm Mid-Mount @180°	**SL660** Medium Solana Post Top	**24L** 24 LEDs **12L** 12 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 **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 **FG** Flat Glass **SA** Sag Acrylic **FFG** Frosted Flat Glass **SV1** Flat Soft Vue Light Diffused Acrylic **SV2** Flat Soft Vue Moderate Diffused Acrylic **SV4** Flat Soft Vue Maximum Diffused Acrylic **SV1SA** Soft Vue Light Diffused Sag Acrylic **SV2SA** Soft Vue Moderate Diffused Sag Acrylic **SV4SA** Soft Vue Maximum Diffused Sag Acrylic

Notes:

1. 12L system only.

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

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.

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

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 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 22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations.
IP Rating	IP66 rated luminaire for enhanced protection against dust and water intrusion.
NightSky® Friendly	Dark sky compliant optics 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.

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

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 at 25°C. The high brightness, high-output white LEDs shall be 4000K nominal (2700K, 3000K, 3500K or 5000K optional) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). Consult factory for custom CCT or CRI. The luminaire shall have a minimum _____ (see table) delivered initial lumens when operated at steady state with an average ambient temperature of 25°C (77°F).

CCT Lumen Derate Values from 4,000K
2,700K (70+ CRI)=**.92**
3,000K (70+ CRI)=**.95**
3,500K (70+ CRI)=**1.03**
5,000K (70+ CRI)=**1.00**

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
24L40T_-MDL018	11390	B2U0G2	96.5	11500	B2U0G2	97.5	11130	B2U0G2	94.3	11515	B3U0G1	97.6	118
24L30T_-MDL018	10880	B2U0G2	92.0	10965	B2U0G2	92.9	10630	B2U0G2	89.9	10980	B3U0G1	93.1	118
24L27T_-MDL018	9820	B2U0G2	83.2	9915	B2U0G2	84.0	9595	B2U0G2	81.3	9925	B3U0G1	84.1	118
24L40T_-MDL014	9230	B2U0G2	104.9	9320	B2U0G2	105.9	9020	B2U0G2	102.5	9335	B3U0G1	106.1	88
24L30T_-MDL014	8800	B2U0G2	100.0	8885	B2U0G2	101.0	8600	B2U0G2	97.7	8900	B3U0G1	101.1	88
24L27T_-MDL014	7955	B2U0G2	90.4	8035	B2U0G2	91.3	7775	B2U0G2	88.4	8045	B3U0G1	91.4	88
12L40T_-MDL018	5680	B1U0G1	96.0	5960	B1U0G1	99.2	5685	B1U0G1	94.8	5770	B2U0G1	96.2	60
12L30T_-MDL018	5605	B1U0G1	93.4	5675	B1U0G1	94.6	5420	B1U0G1	90.3	5550	B2U0G1	91.7	60
12L27T_-MDL018	5070	B1U0G1	84.5	5130	B1U0G1	85.5	4900	B1U0G1	81.7	4975	B2U0G1	82.9	60
12L40T_-MDL014	4800	B1U0G1	104.3	4880	B1U0G1	105.7	4645	B1U0G1	101.0	4735	B2U0G1	102.9	46
12L30T_-MDL014	4575	B1U0G1	99.5	4635	B1U0G1	100.8	4430	B1U0G1	96.3	4515	B2U0G1	98.2	46
12L27T_-MDL014	4140	B1U0G1	90.0	4190	B1U0G1	91.1	4005	B1U0G1	87.1	4080	B2U0G1	88.7	46
12L40T_-MDL008	2905	B1U0G1	107.6	2940	B1U0G1	108.9	2815	B1U0G1	104.3	2880	B1U0G0	106.7	27
12L30T_-MDL008	2770	B1U0G1	102.6	2805	B1U0G1	103.9	2685	B1U0G1	99.4	2745	B1U0G0	101.7	27
12L27T_-MDL008	2505	B1U0G1	92.8	2535	B1U0G1	93.9	2425	B1U0G1	89.8	2485	B1U0G0	92.0	27

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Submitted by Diversified

Diversified

Job Name:
ELIZABETHTOWN CROSSING
Engineer: RETTEW (ALLENTOWN)
DLA Layout/Calcs: DIVERSIFIED Layout/ Calcs (Warminster)

Catalog Number:
2A-SL660-12L30T5-MDL014-SV1

Notes:

Type:
SS5-2@180
PHI26-264927

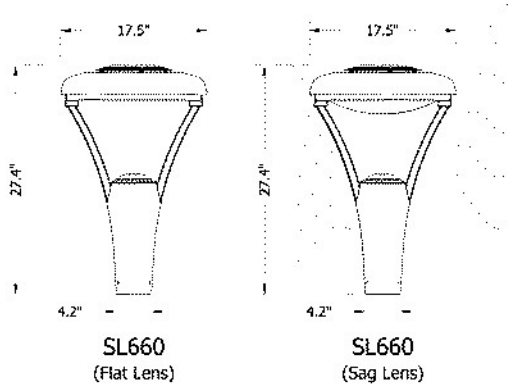
Specification Sheet

Solana™
SL660 Medium Post Top

Project Name _____ **Qty** _____

Type _____ **Catalog / Part Number** _____





7 Year Warranty

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

Mounting Configuration

Wall Mount | Post Top | 1 Arm Mount | 1 Arm & Post Top | 2 Arm Mount @ 180°

2 Arm Mount @ 90° | 2 Arm @ 180° & Post Top | 3 Arms @ 120° | 3 Arms @ 90° | 3 Arm @ 120° & Post Top

4 Arms @ 90° | 4 Arm @ 90° & Post Top | 1 Arm Mid-Mount | 2 Arm Mid-Mount @180°

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:** 2 Arm @ 180° & Post Top **3A:** 3 Arms @ 120° **3A90:** 3 Arms @ 90° **3APT:** 3 Arm @ 120° & Post Top **4A:** 4 Arms @ 90° **4APT:** 4 Arm @ 90° & Post Top **1AM:** 1 Arm Mid-Mount **2AM:** 2 Arm Mid-Mount @180°
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

Sternberg
555 Lawrence Ave, Roselle, IL, 60172, US | T 847-588-3400 | contactus@sternberglighting.com
www.sternberglighting.com www.sternberglighting.com/products/14

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

Finish


Black Textured


Urban Gun Metal Textured


Urban Gun Metal Matte


Urban Bronze Textured


Urban Bronze Matte


Urban Silver Textured


Urban Silver Matte


Urban White Textured


Urban White Matte


Custom Match

CCT - Color Temp (K)


2,700K


3,000K


3,500K


4,000K


5,000K

Distribution Type


Type 2


Type 3


Type 4


Type 5

IP Rating



Certifications



Optional Fixed Dimming Resistor Board	**FDRB:** Fixed Dimming Resistor Board

Physical

Fixture	**SL660:** Medium Solana Post Top
Lens	**CA:** Clear Acrylic **FG:** Flat Glass **SA:** Sag Acrylic **FFG:** Frosted Flat Glass **SV1:** Flat Soft Vue Light Diffused Acrylic **SV2:** Flat Soft Vue Moderate Diffused Acrylic **SV4:** Flat Soft Vue Maximum Diffused Acrylic **SV1SA:** Soft Vue Light Diffused Sag Acrylic **SV2SA:** Soft Vue Moderate Diffused Sag Acrylic **SV4SA:** Soft Vue Maximum Diffused Sag Acrylic
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

Electrical and control

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

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

How to Order

Mounting Configuration	Fixture	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens
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** 2 Arm @ 180° & Post Top **3A** 3 Arms @ 120° **3A90** 3 Arms @ 90° **3APT** 3 Arm @ 120° & Post Top **4A** 4 Arms @ 90° **4APT** 4 Arm @ 90° & Post Top **1AM** 1 Arm Mid-Mount **2AM** 2 Arm Mid-Mount @180°	**SL660** Medium Solana Post Top	**24L** 24 LEDs **12L** 12 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 **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 **FG** Flat Glass **SA** Sag Acrylic **FFG** Frosted Flat Glass **SV1** Flat Soft Vue Light Diffused Acrylic **SV2** Flat Soft Vue Moderate Diffused Acrylic **SV4** Flat Soft Vue Maximum Diffused Acrylic **SV1SA** Soft Vue Light Diffused Sag Acrylic **SV2SA** Soft Vue Moderate Diffused Sag Acrylic **SV4SA** Soft Vue Maximum Diffused Sag Acrylic

Notes:

1. 12L system only.

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

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.

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

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 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 22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations.
IP Rating	IP66 rated luminaire for enhanced protection against dust and water intrusion.
NightSky® Friendly	Dark sky compliant optics 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.

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Specification Sheet

Solana™
SL660 Medium Post Top

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 at 25°C. The high brightness, high-output white LEDs shall be 4000K nominal (2700K, 3000K, 3500K or 5000K optional) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). Consult factory for custom CCT or CRI. The luminaire shall have a minimum _____ (see table) delivered initial lumens when operated at steady state with an average ambient temperature of 25°C (77°F).

CCT Lumen Derate Values from 4,000K
2,700K (70+ CRI)=**.92**
3,000K (70+ CRI)=**.95**
3,500K (70+ CRI)=**1.03**
5,000K (70+ CRI)=**1.00**

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
24L40T_-MDL018	11390	B2U0G2	96.5	11500	B2U0G2	97.5	11130	B2U0G2	94.3	11515	B3U0G1	97.6	118
24L30T_-MDL018	10880	B2U0G2	92.0	10965	B2U0G2	92.9	10630	B2U0G2	89.9	10980	B3U0G1	93.1	118
24L27T_-MDL018	9820	B2U0G2	83.2	9915	B2U0G2	84.0	9595	B2U0G2	81.3	9925	B3U0G1	84.1	118
24L40T_-MDL014	9230	B2U0G2	104.9	9320	B2U0G2	105.9	9020	B2U0G2	102.5	9335	B3U0G1	106.1	88
24L30T_-MDL014	8800	B2U0G2	100.0	8885	B2U0G2	101.0	8600	B2U0G2	97.7	8900	B3U0G1	101.1	88
24L27T_-MDL014	7955	B2U0G2	90.4	8035	B2U0G2	91.3	7775	B2U0G2	88.4	8045	B3U0G1	91.4	88
12L40T_-MDL018	5680	B1U0G1	96.0	5950	B1U0G1	99.2	5685	B1U0G1	94.8	5770	B2U0G1	96.2	60
12L30T_-MDL018	5605	B1U0G1	93.4	5675	B1U0G1	94.6	5420	B1U0G1	90.3	5550	B2U0G1	91.7	60
12L27T_-MDL018	5070	B1U0G1	84.5	5130	B1U0G1	85.5	4900	B1U0G1	81.7	4975	B2U0G1	82.9	60
12L40T_-MDL014	4800	B1U0G1	104.3	4880	B1U0G1	105.7	4645	B1U0G1	101.0	4735	B2U0G1	102.9	46
12L30T_-MDL014	4575	B1U0G1	99.5	4635	B1U0G1	100.8	4430	B1U0G1	96.3	4515	B2U0G1	98.2	46
12L27T_-MDL014	4140	B1U0G1	90.0	4190	B1U0G1	91.1	4005	B1U0G1	87.1	4080	B2U0G1	88.7	46
12L40T_-MDL008	2905	B1U0G1	107.6	2940	B1U0G1	108.9	2815	B1U0G1	104.3	2880	B1U0G0	106.7	27
12L30T_-MDL008	2770	B1U0G1	102.6	2805	B1U0G1	103.9	2685	B1U0G1	99.4	2745	B1U0G0	101.7	27
12L27T_-MDL008	2505	B1U0G1	92.8	2535	B1U0G1	93.9	2425	B1U0G1	89.8	2485	B1U0G0	92.0	27

Sternberg reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
2024.09.26 Copyright © 2024 Sternberg

Evolve®



CUSTOMER NAME

PROJECT NAME

DATE TYPE

CATALOG NUMBER

The Evolve® LED Post Top Town & Country (EPTT) offers energy efficiency and quality of light in a classic look and style. The advanced LED optical system provides improved horizontal and vertical uniformity, reduced glare and improved lighting control.

Construction

Housing:	Aluminum die cast housing and top with traditional lantern design and optional Carriage Top style Cupola compatible with C136.41 PE's, Shorting Caps and LightGrid Nodes
Lens:	Acrylic, Polycarbonate, None/Open
Paint:	Corrosion resistant polyester powder paint, minimum 2.0 mil thickness Standard = Black, Dark Bronze RAL & custom colors available
Weight:	14.5 - 20 lbs (6.6 - 9.1 kg)

Optical System

Lumens:	2,400-10,200
Distribution:	Symmetric Asymmetric
Efficacy (LPW):	102-152
CCT:	2700K, 3000K, 4000K
CRI (Min):	≥70

Electrical

Input Voltage:	120-277V
Input Frequency:	50/60Hz
Power Factor:	≥ 90% at rated watts
Total Harmonic Distortion:	≤ 20% at rated watts

Surge Protection*

STANDARD	OPTIONAL
☐ 10kV/5kA	☐ Secondary 10kV/5kA (R Option) ☐ Secondary 20kV/10kA (T Option)

*Per ANSI C136.2-2023

Lumen Maintenance

Projected Lxx per IES TM-21-11 at 25°C

WATTAGE CODES	LXX(≥17K) @ HOURS			
	25,000 HR	50,000 HR	75,000 HR	100,000 HR
02, 03, 04, 05, 06	98	96	93	91
07, 08	97	95	92	90

Note: Projected Lxx based on LM80 (≥ 10,000 hour testing). Accepted Industry tolerances apply to initial luminous flux and lumen maintenance measurements.

Ambient Temperature Factor

AMBIENT TEMP (°C)	INITIAL FLUX FACTOR	AMBIENT TEMP (°C)	INITIAL FLUX FACTOR
10	1.02	30	0.99
20	1.01	40	0.98
25	1.00	50	0.97

Ratings

	Range	Wattage Code
Operating Temp:	-40˚C to 50˚C:	02-07
	-40˚C to 45˚C:	08
Vibration:	3G per ANSI C136.31-2018	
LM-79:	Tested in accordance with IES Standards	
EMI:	FCC Title 47 CFR part 15 Class A	
RoHS:	Complies with the material restrictions of RoHS	

Controls

Dimming:	Standard - 0-10V ☐ Optional - DALI D4i (U4 Option) ☐
Sensors:	Photo Electric Sensors (PE) available LightGrid™ Compatible

Warranty

☐ 5 Year (Standard) ☐ 10 Year (Optional)

UL LISTED · IP65 Optical · Controls Enabled · BAA · BABA

© 2025 Current Lighting Solutions, LLC. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

Evolve®

EPTT Town & Country
LED Post Top

CUSTOMER NAME

PROJECT NAME

DATE TYPE

CATALOG NUMBER

Ordering Information

EPTT 03

_ _ _ _