



REPRESENTING LEADING MANUFACTURERS IN THE FUEL STORAGE, VEHICLE MAINTENANCE, AND LIGHTING MARKETS

April 5th, 2023

Jet Brite Car Wash
Route 59 & 83rd St.
Naperville, IL 60564

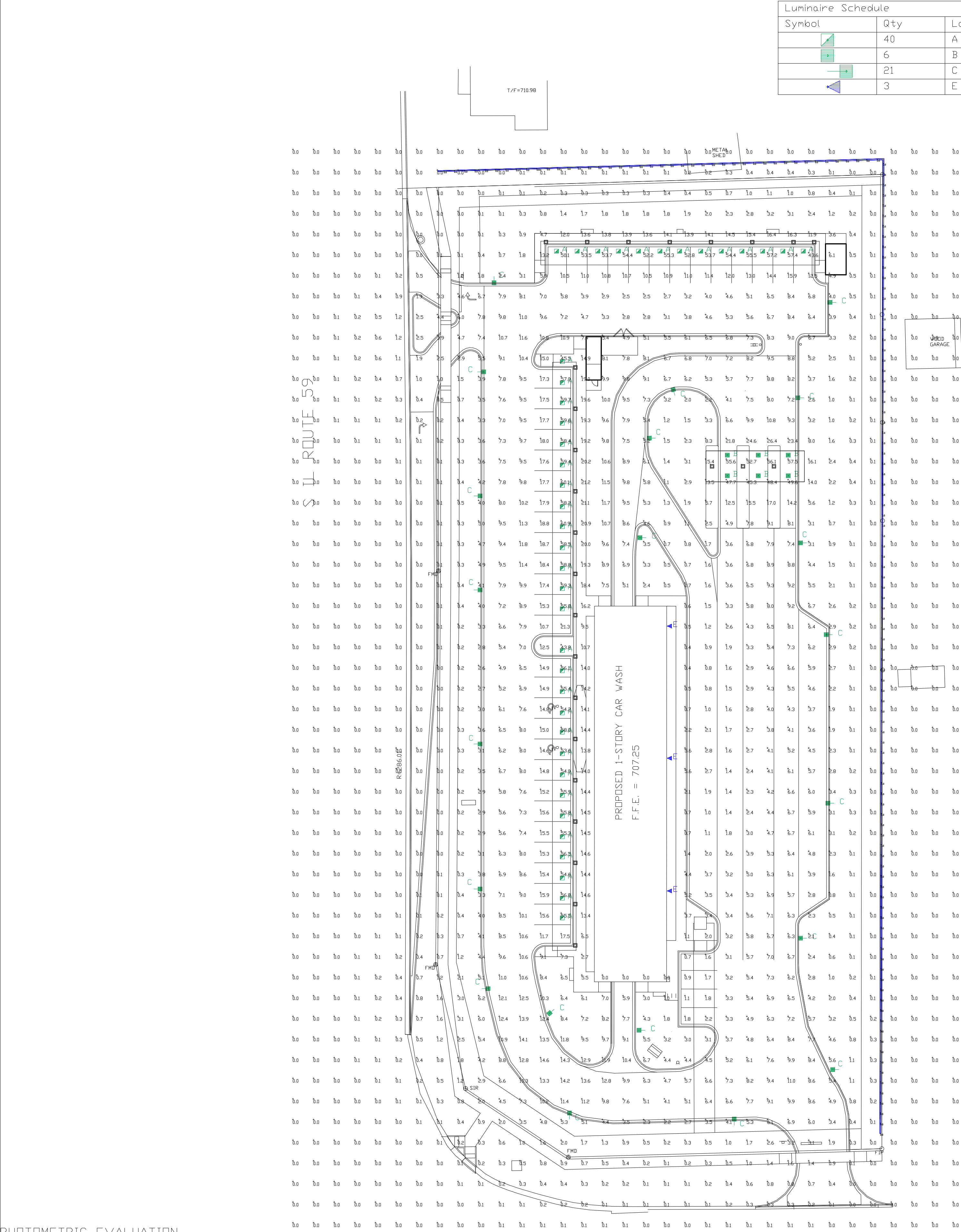
To Whom It May Concern,

The pole fixture specified for this project, Jet Brite Car Wash in Naperville, is the 36L version (36,000 lumens) - This fixture has a range of lumen outputs ranging from 9,000 to 48,000, again the one we specified is 36L.

For the photometric plan, we incorporated a light-loss factor (LLF) of .75. This relates to an average of a 25% reduction in light output over the life of the fixture. This practice is fairly typical when someone wants to know the "actual" light output over time. Additionally, we incorporated an internal louvre (IL) into the fixture as well. This eliminates any back-light from the fixture to create a full cut-off. The IL also reduces the total light output, thus resulting in the calculated net output of 23,720 lumens (LLF + IL).

Sincerely,

Erik Long
President
Walsh, Long & Company, Inc.



PHOTOMETRIC EVALUATION
NOT FOR CONSTRUCTION

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions.

This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamps/LED's and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature noted does not include mounting hardware or poles. This drawing is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.

Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Description	Mounting Height	LLD	LLF	Arr. Lum. Lumens	Arr. Watts
	40	A	SINGLE	SCV-P-LED-10L-SC-50	8' VACUUM	0.750	0.750	10317	67
	6	B	SINGLE	SCV-LED-13L-SC-50	10' PAY CANOPY	0.750	0.750	13444	90
	21	C	SINGLE	SLM-LED-36L-SIL-FT-50-70CRI-IL-SINGLE	22'PDLE+2'BASE	1.000	0.750	23720	286
	3	E	SINGLE	XPWS3-FT-LED-48-450-CW-UE	10'	1.000	0.750	6159	72

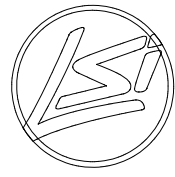
Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ALL CALC POINTS	Illuminance	Fc	4.46	60.9	0.0	N.A.	N.A.
PROPERTY LINE	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
INSIDE CURB	Illuminance	Fc	7.34	26.4	0.7	10.49	37.71
PAY CANOPY	Illuminance	Fc	44.18	57.5	13.5	3.27	4.26
VACUUM CANOPY	Illuminance	Fc	53.64	60.9	17.5	3.07	3.48



The plan was designed for JB Development

Owners Signature _____

Total Project Watts
Total Watts = 9442



LIGHTING PROPOSAL LD-156849-4

JET BRITE CAR WASH
83rd STREET & S IL ROUTE 59
NAPERVILLE,IL

BY:JWE DATE:08-25-22 REV:02-09-23 SHEET 1 OF 1

SCALE: 1"=30'

0' 30'



Scottsdale Vertex™ (SCV)

Petroleum Canopy Light



IP66



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)

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.



Scottsdale Vertex™ (SCV) Petroleum Canopy Light

Type : _____

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

ORDERING GUIDE

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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 Custom Lumen Packages ¹	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 ALBCS1 - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' mounting height) ALBCS2 - AirLink Blue Wireless Motion & Photo Sensor Controller (25-40' 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
		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 IMSBT is field configurable via the LSI app that can be downloaded from your smartphone's native app store.
5 HL not compatible with AirLink, IMSBT, 3000K, or REDiMount.
6 Light fixture engine ships with REDiMount attached.
7 Ideal for 9" to 12" openings.
8 Ideal for 9" openings.

PERFORMANCE

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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%

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%.

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 ²	100k hr ²
25	102%	97%	92%	88%	84%
30	102%	97%	92%	88%	84%
35	102%	97%	92%	88%	84%
40	101%	96%	91%	86%	82%

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).

Scottsdale Vertex™ (SCV) Petroleum Canopy Light

Type : _____

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

PHOTOMETRICS

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Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

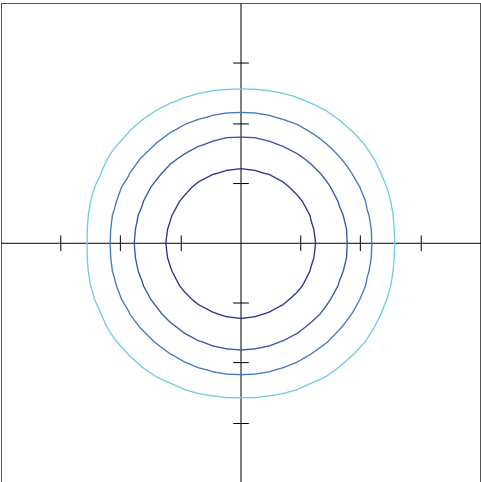
See the individual product page on <https://www.lsicorp.com/> for detailed photometric data.

SCV-LED-15L-SC-50

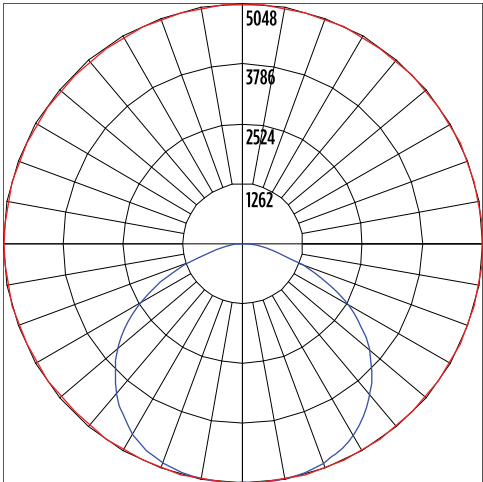
Luminaire Data	
Wide Distribution	
Description	5000 Kelvin, 80 CRI
Delivered Lumens	15,410
Watts	103
Efficacy	150
IES Type	Type VS - Very Short
BUG Rating	B3-U0-G1

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	4,101.6	26.6%
Medium (30-60°)	8,386.4	54.4%
High (60-80°)	2,748.8	17.8%
Very High (80-90°)	173.4	1.1%
Uplight (90-180°)	0	0.0%
Total Flux	15,410.2	100%

ISO Footcandle



Polar Curve

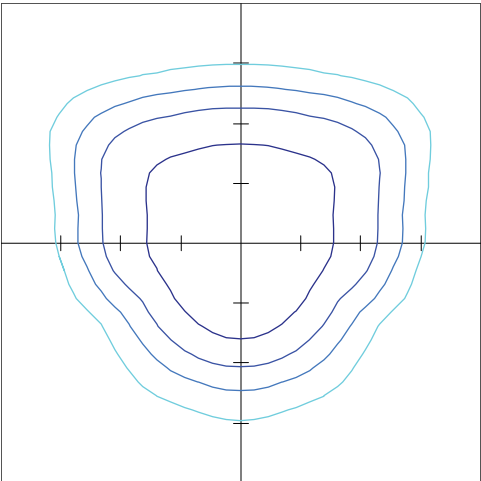


SCV-LED-23L-SCFT-50

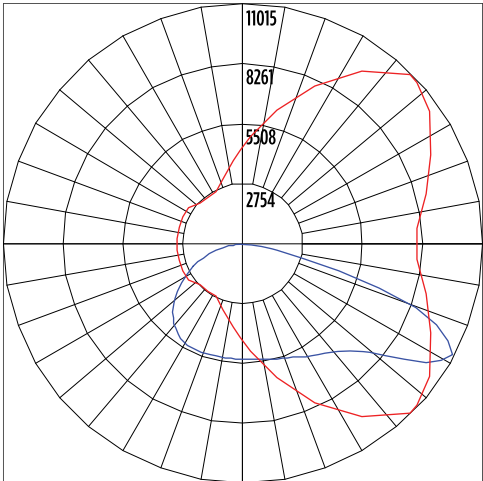
Luminaire Data	
Wide Distribution	
Description	5000 Kelvin, 80 CRI
Delivered Lumens	24,361
Watts	191.5
Efficacy	127
IES Type	Type IV - Short
BUG Rating	B3-U0-G3

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	4,368.4	17.9%
Medium (30-60°)	12,592.5	51.7%
High (60-80°)	6,960.6	28.6%
Very High (80-90°)	439.5	1.8%
Uplight (90-180°)	0	0.0%
Total Flux	24,361.0	100%

ISO Footcandle



Polar Curve



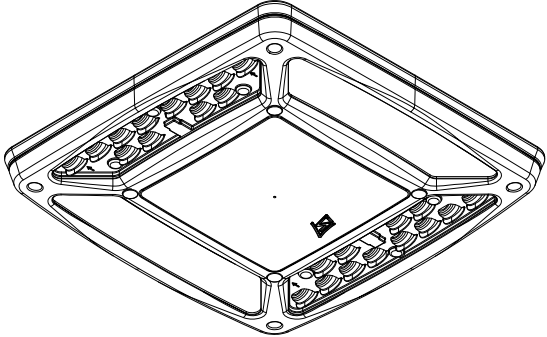
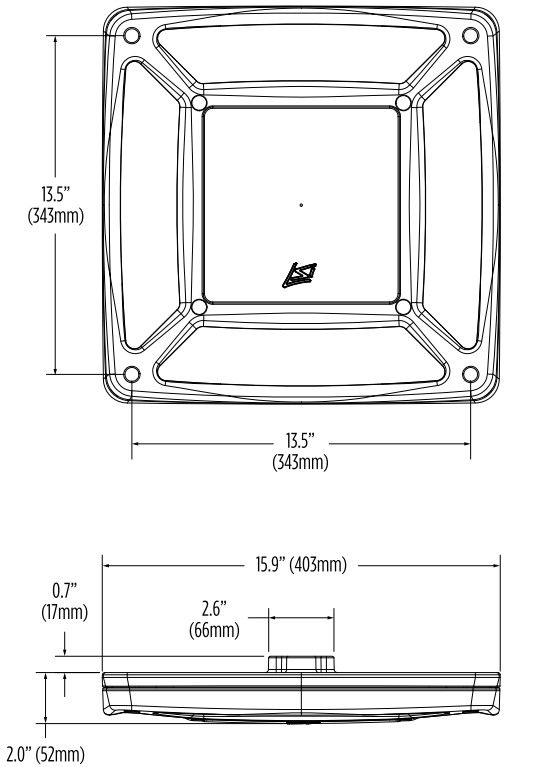
Scottsdale Vertex™ (SCV) Petroleum Canopy Light

Type : _____

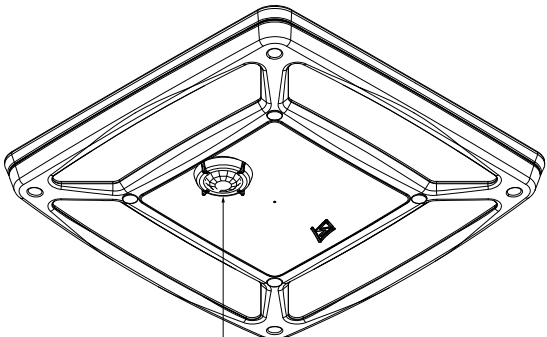
 Have questions? Call us at (800) 436-7800

PRODUCT DIMENSIONS

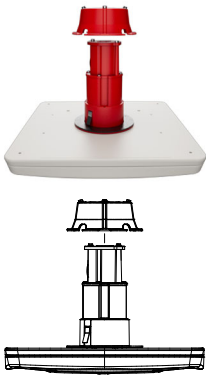
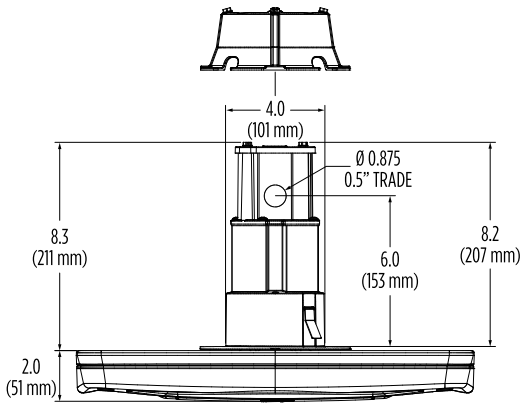
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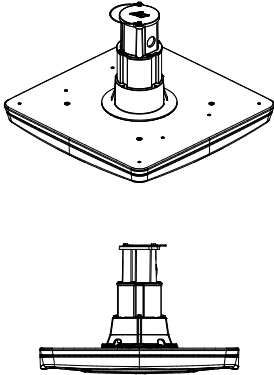
SCFT Distribution



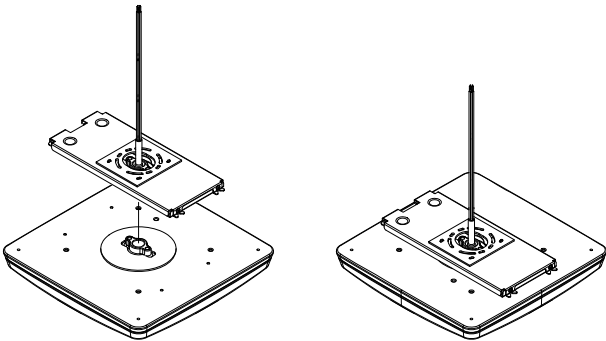
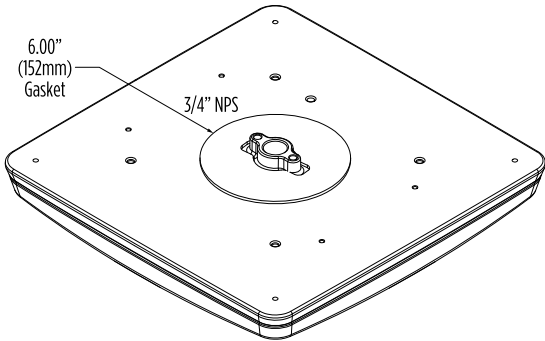
IMSBTxL Option



REDiMount



Direct Mount Accessory





CONTROLS

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Integral Bluetooth™ Motion and Photocell Sensor (IMSBT1L, IMSBT2L)

Slim low profile sensor provides multi-level control based on motion and/or daylight. Sensor controls 0-10 VDC LED drivers and is rated for cold and wet locations (-30° C to 70° C). Two unique PIR lenses are available and used based on fixture mounting height. All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles.

[Click here to learn more details about IMSBTxL](#)

AirLink Blue (ALBC, ALBCS1, ALBCS2)

Wireless Bluetooth Mesh Lighting Control System that provides energy savings, code compliance and enhanced safety/security. Three key components; Bluetooth wireless radio/sensor controller, Time Keeper and an App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone. Radio/Sensor Controller is factory integrated into luminaires.

[Click here to learn more details about AirLink Blue](#)

RETROFIT KITS

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LSI Industries offers a full line of Retrofit Kits for existing Encore, Richmond, 2x2 Universal and many more older canopy luminaires.

[Click here to learn more details on all our Retrofit Kits](#)





Slice Medium (SLM)

Outdoor LED Area Light



IP66

IK08



OVERVIEW

Lumen Package (lm)	9,000 - 55,000
Wattage Range (W)	62 - 436
Efficacy Range (LPW)	114 - 162
Weight lbs (kg)	27 (12.2)

QUICK LINKS

[Ordering Guide](#)[Performance](#)[Photometrics](#)[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
- 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: 33 lbs in carton.

Optical System

- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated seal.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in distribution types 2, 3, 5W, FT, FTA and AM.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377. Also available in phosphor converted amber with peak intensity at 610nm.
- Minimum CRI of 70
- Integral louver (IL) and integral half louver (IH) options available for enhanced backlight control.

Electrical

- High-performance driver features overvoltage, under-voltage, short-circuit and over temperature protection.
- 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 chart)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 42L and 48L lumen packages rated to +40°C. 55L lumen package rate to +35°C.
- 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 sensor. Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- LSI's AirLink™ wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7.

Installation

- A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment.
- Included terminal block accepts up to 12 ga. wire.
- Utilizes LSI's traditional B3 drill pattern. (See drawing in poles section)

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.
- IDA compliant; with 3000K color temperature selection.
- 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 applications are qualified.
- IK08 rated luminaire per IEC 60622 mechanical impact code.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- Patented Silicone Optics (US Patent NO. 10,816,165 B2)



Slice Medium Outdoor LED Area Light

Type : _____

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

ORDERING GUIDE

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TYPICAL ORDER EXAMPLE: SLM LED 36L SIL FTA UNV DIM 50 70CRI ALSCS04 BRZ IL						
Prefix	Light Source	Lumen Package	Lens	Distribution	Orientation ²	Voltage
SLM - Slice Medium	LED	9L - 9,000 lms 12L - 12,000 lms 18L - 18,000 lms 24L - 24,000 lms 30L - 30,000 lms 36L - 36,000 lms 42L - 42,000 lms 48L - 48,000 lms 55L - 55,000 lms Custom Lumen Packages ¹	SIL - Silicone	2 - Type 2 3 - Type 3 5W - Type 5 Wide FT - Forward Throw FTA - Forward Throw Automotive AM - Automotive Merchandise	(blank) - standard (no rotation) L - Optics rotated left 90° R - Optics rotated right 90°	UNV - Universal Voltage (120-277V) HV - High Voltage (347-480V)

Driver	Color Temperature	Color Rendering	Controls	Finish	Options
DIM - 0-10v Dimming (10-100%)	50 - 5,000 CCT 40 - 4,000 CCT 30 - 3,000 CCT AMB - Phosphor Converted Amber ¹¹	70CRI - 70 CRI	(Blank) - None Wireless Controls System ALSC - AirLink Synapse Control System ALSCS02 - AirLink Synapse Control System with 12-20' Motion Sensor ALSCS04 - AirLink Synapse Control System with 20-40' Motion Sensor ALBCS1 - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' mounting height) ⁴ ALBCS2 - AirLink Blue Wireless Motion & Photo Sensor Controller (25-40' mounting height) ⁴ Stand-Alone Controls EXT - 0-10V Dimming leads extended to housing exterior CR7P - 7 Pin Control Receptacle ANSI C136.41 ⁵ IMSBTL1 - Integral Bluetooth™ Motion and Photocell Sensor (8-24' MH) ⁴ IMSBTL2 - Integral Bluetooth™ Motion and Photocell Sensor (25-40' MH) ⁴ Button Type Photocells PCI120 - 120V PCI208-277 - 208 -277V PCI347 - 347V	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 IH - Integral Half Louver (Moderate Spill Light Cutoff) ² IL - Integral Louver (Sharp Spill Light Cutoff) ²



Need more information?
[Click here for our glossary.](#)

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



Accessory Ordering Information⁶

CONTROLS ACCESSORIES	
Description	Order Number
Twist Lock Photocell (120V) for use with CR7P ⁷	122514
Twist Lock Photocell (208-277) for use with CR7P ⁷	122515
Twist Lock Photocell (347V) for use with CR7P ⁷	122516
Twist Lock Photocell (480V) for use with CR7P ⁷	1225180
AirLink 5 Pin Twist Lock Controller ⁷	61409
AirLink 7 Pin Twist Lock Controller ⁷	661410
Shorting Cap for use with CR7P ⁷	14932

MOUNTING ACCESSORIES ⁸	
Description	Order Number
Round Pole Adapter (3" Round/Tapered Poles)	408273CLR
Round Pole Adapter (4" Round Poles)	379967CLR
Round Pole Adapter (5" Round Poles)	379968CLR
B5 to B3 Adapter	800686BLK

FUSING OPTIONS ¹⁰	
Single Fusing (120V)	See Fusing Accessory Guide
Single Fusing (277V)	
Double Fusing (208V, 240V)	
Double Fusing (480V)	
Double Fusing (347V)	

SHIELDING OPTIONS	
Mirada Small	See Shielding Guide
Mirada Medium	
Mirada Large	
Zone Medium	
Zone Large	
Slice Medium	

1. Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DLC listed.

2. Not available on "Type 5W" distribution.

3. Consult factory for availability.

4. Motion sensors are field configurable via an app that can be downloaded from your smartphone's native app store. See controls section for more details.

5. Control device or shorting cap must be ordered separately. See Accessory Ordering Information.

6. Accessories are shipped separately and field installed.

7. Fusing must be located in hand hole of pole.

8. "CLR" denotes finish. See Finish options.

9. Only available with ALSC/ALSCH control options.

10. Fusing must be located in hand hole of pole. See [Fusing Accessory Guide](#) for compatibility.

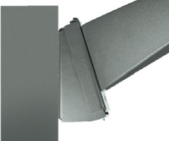
11. Only available in 9L and 12L Lumen Packages. Consult factory for lead time and availability.

Slice Medium Outdoor LED Area Light

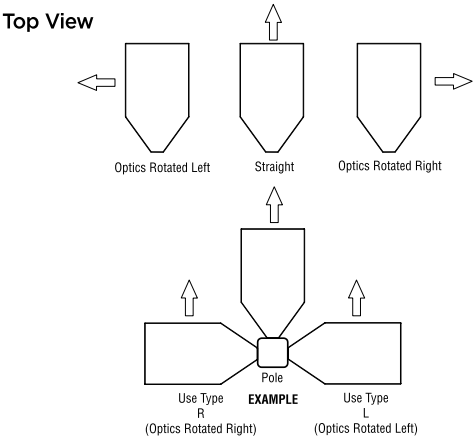
Type : _____

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ACCESSORIES

MOUNTING ACCESSORIES			SHIELDING, POLES & MISC. ACCESSORIES		
Side Arm	Universal Mounting Bracket Mounts to $\approx 3"$ square or round (tapered/straight) poles with (2) mounting hole spaces between 3.5" to 5"		Shielding	Integral Louver Field Install Integral Louver provides maximum backlight control by shielding each individual row of LEDs	
	Part Number: BKA UMB CLR			Part Number: 684812	
	Quick Mount Plate True one person installation to existing/new construction poles with hole spaces between 2.4 to 4.6"			Integral Half Louver Field Install Integral Half Louver provides great backlight control without impacting front side distribution.	
	Part Number: BKS POM B3B5 XX CLR			Part Number: 743414	
Tenon / Slipfitter	15° Tilt Quick Mount Plate True one person installation to existing/new construction poles with hole spaces between 2.4 to 4.6"		Poles	External Shield External shield blocks view of light source from anyside of luminaire, additional shielding configurations available	
	Part Number: BKS PQ15 B3B5 XX CLR			Part Number: 783607BLK (3") / 776538BLK (6")	
	Adjustable Slipfitter Mounts onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon and provides 180° of tilt (max 45° above horizontal)			Square Poles 14 - 39' steel and aluminum poles in 4", 5" and 6" sizes for retrofit and new construction	
Tenon / Slipfitter	Part Number: BKA ASF CLR		Poles	Round Poles 10 - 30' steel and aluminum poles in 4" and 5" sizes for retrofit and new construction	
	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: 4RP/5RP	
	Part Number: BKA XNM *			Tapered Poles 20' - 39' steel and aluminum poles for retrofit and new construction	
Wall Mount/ Wood Pole	Square Internal Slipfitter Mounts inside 4" or 5" square pole and allows for mounting up to 4 luminaires		Misc.	Bird Spikes 10' Linear Bird Spike Kit, 4' recommended per luminaire, includes silicone adhesive and application tool	
	Part Number: BKA X_ISF * CLR			Part Number: 736795	
	Wall Mount Bracket Mounts onto vertical wall surface (hardware/anchors not included)		Replace CLR with paint finish description Replace XX with SQ for square pole or RD for round pole ($\geq 3"$ OD) Replace * with S (Single), D180 (Double @180°), D90 (Double @90°), T90 (Triple), Q90 (Quad) Replace _ with 4 (4" square pole) or 5 (5" square pole)		
Wall Mount/ Wood Pole	Part Number: BKS XB0 WM CLR				
	Wood Pole Bracket Mounts onto wooden poles (6" minimum OD, hardware/anchors not included)				
	Part Number: BKS XB0 WP CLR				

OPTICS ROTATION



ACCESSORIES/OPTIONS

Integral Louver (IL) and House-Side Shield (IH)

Integral louver (IL) and half louver (IH) accessory shields available for improved backlight control without sacrificing street side performance. LSI's Integral Louver (IL) and Integral House-Side Shield (IH) options deliver backlight control that significantly reduces spill light behind the poles 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. Both options rotate with the optical distribution.

Luminaire Shown with Integral Louver (IL)



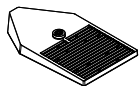
Luminaire Shown with IMSBT Option



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



Slice Medium Outdoor LED Area Light

Type : _____

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PERFORMANCE

[Back to Quick Links](#)

DELIVERED LUMENS*												
Lumen Package	Distribution	CRI	3000K CCT			4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
9L	2	70	9411	149	B2-U0-G2	9603	152	B2-U0-G2	9603	152	B2-U0-G2	63
	3		9548	152	B2-U0-G2	9743	155	B2-U0-G2	9743	155	B2-U0-G2	
	5W		9261	147	B3-U0-G2	9450	150	B3-U0-G2	9450	150	B3-U0-G2	
	FT		9464	150	B2-U0-G2	9657	153	B2-U0-G2	9657	153	B2-U0-G2	
	FTA		9531	151	B2-U0-G2	9725	154	B2-U0-G2	9725	154	B2-U0-G2	
	AM		9649	153	B2-U0-G1	9845	156	B2-U0-G1	9845	156	B2-U0-G1	
12L	2	70	12533	147	B3-U0-G2	12788	150	B3-U0-G2	12788	150	B3-U0-G2	85
	3		12714	150	B2-U0-G2	12974	153	B2-U0-G2	12974	153	B2-U0-G2	
	5W		12333	145	B4-U0-G2	12584	148	B4-U0-G2	12584	148	B4-U0-G2	
	FT		12603	148	B2-U0-G2	12861	151	B2-U0-G2	12861	151	B2-U0-G2	
	FTA		12692	149	B3-U0-G2	12950	152	B3-U0-G2	12950	152	B3-U0-G2	
	AM		12848	151	B3-U0-G1	13111	154	B3-U0-G2	13111	154	B3-U0-G2	
18L	2	70	18421	136	B3-U0-G3	18797	139	B3-U0-G3	18797	139	B3-U0-G3	135
	3		18691	138	B3-U0-G3	19072	141	B3-U0-G3	19072	141	B3-U0-G3	
	5W		18128	134	B4-U0-G2	18498	137	B4-U0-G2	18498	137	B4-U0-G2	
	FT		18526	137	B3-U0-G3	18904	140	B3-U0-G3	18904	140	B3-U0-G3	
	FTA		18656	138	B3-U0-G3	19037	141	B3-U0-G3	19037	141	B3-U0-G3	
	AM		18886	140	B3-U0-G2	19271	143	B3-U0-G2	19271	143	B3-U0-G2	
24L	2	70	23361	145	B4-U0-G3	24506	152	B4-U0-G3	24414	152	B4-U0-G3	161
	3		23998	149	B3-U0-G3	25174	156	B3-U0-G3	25079	156	B3-U0-G3	
	5W		23788	148	B5-U0-G3	24953	155	B5-U0-G3	24859	154	B5-U0-G3	
	FT		24059	149	B3-U0-G3	25238	157	B3-U0-G3	25143	156	B3-U0-G3	
	FTA		23079	143	B3-U0-G3	24210	150	B4-U0-G3	24119	150	B4-U0-G3	
	AM		24051	149	B3-U0-G2	25229	157	B3-U0-G2	25134	156	B3-U0-G2	
30L	2	70	29464	138	B4-U0-G3	30908	145	B4-U0-G3	30791	145	B4-U0-G3	213
	3		30268	142	B3-U0-G4	31751	149	B3-U0-G4	31631	149	B3-U0-G4	
	5W		30002	141	B5-U0-G3	31472	148	B5-U0-G3	31353	147	B5-U0-G3	
	FT		30345	142	B4-U0-G4	31832	149	B4-U0-G4	31712	149	B4-U0-G4	
	FTA		29109	137	B4-U0-G4	30535	143	B4-U0-G4	30420	143	B4-U0-G4	
	AM		30334	142	B4-U0-G3	31820	149	B4-U0-G3	31700	149	B4-U0-G3	
36L	2	70	34123	134	B4-U0-G3	35795	140	B4-U0-G3	35660	140	B4-U0-G3	255
	3		35053	137	B4-U0-G4	36771	144	B4-U0-G4	36632	144	B4-U0-G4	
	5W		34745	136	B5-U0-G4	36448	143	B5-U0-G4	36311	142	B5-U0-G4	
	FT		35142	138	B4-U0-G4	36864	145	B4-U0-G4	36725	144	B4-U0-G4	
	FTA		33711	132	B4-U0-G4	35363	139	B4-U0-G4	35230	138	B4-U0-G4	
	AM		35130	138	B4-U0-G3	36851	145	B4-U0-G3	36712	144	B4-U0-G3	
42L	2	70	39966	127	B5-U0-G4	41925	134	B5-U0-G4	41767	133	B5-U0-G4	314
	3		41056	131	B4-U0-G5	43068	137	B4-U0-G5	42905	137	B4-U0-G5	
	5W		40696	130	B5-U0-G4	42690	136	B5-U0-G4	42529	135	B5-U0-G4	
	FT		41161	131	B4-U0-G4	43178	138	B4-U0-G4	43015	137	B4-U0-G4	
	FTA		39484	126	B4-U0-G4	41419	132	B5-U0-G4	41263	131	B5-U0-G4	
	AM		41146	131	B4-U0-G3	43162	137	B4-U0-G3	43000	137	B4-U0-G3	
48L	2	70	44390	121	B5-U0-G4	46565	127	B5-U0-G4	46389	126	B5-U0-G4	367
	3		45325	124	B4-U0-G5	47547	130	B4-U0-G5	47367	129	B4-U0-G5	
	5W		45002	123	B5-U0-G4	47435	129	B5-U0-G4	47302	129	B5-U0-G4	
	FT		44799	122	B4-U0-G5	46994	128	B4-U0-G5	46817	128	B4-U0-G5	
	FTA		44590	121	B5-U0-G4	46775	127	B5-U0-G4	46599	128	B5-U0-G4	
	AM		46310	126	B4-U0-G3	48579	132	B4-U0-G3	48396	132	B4-U0-G3	
55L	2	70	49583	114	B5-U0-G4	52012	119	B5-U0-G4	51816	119	B5-U0-G4	436
	3		50934	117	B4-U0-G5	53430	123	B4-U0-G5	53229	122	B4-U0-G5	
	5W		50487	116	B5-U0-G4	52961	121	B5-U0-G4	52761	121	B5-U0-G4	
	FT		51064	117	B4-U0-G5	53566	123	B4-U0-G5	53364	122	B4-U0-G5	
	FTA		48984	112	B5-U0-G4	51384	118	B5-U0-G4	51191	117	B5-U0-G4	
	AM		51045	117	B4-U0-G3	53546	123	B4-U0-G3	53344	122	B4-U0-G3	

Slice Medium Outdoor LED Area Light

Type : _____

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PERFORMANCE (CONT.)

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ELECTRICAL DATA (AMPS) - 3000K/4000K/5000K*						
Lumens	120V	208V	240V	277V	347V	480V
9L	0.52	0.30	0.26	0.22	0.18	0.13
12L	0.71	0.41	0.35	0.31	0.24	0.18
18L	1.13	0.65	0.56	0.49	0.39	0.28
24L	1.34	0.77	0.67	0.58	0.46	0.34
30L	1.78	1.02	0.89	0.77	0.61	0.44
36L	2.13	1.23	1.06	0.92	0.73	0.53
42L	2.62	1.51	1.31	1.13	0.90	0.65
48L	3.06	1.76	1.53	1.32	1.06	0.76
55L	3.63	2.10	1.82	1.57	1.26	0.91

RECOMMENDED LUMEN MAINTENANCE¹ (0-25°C)					
Ambient	Initial²	25h²	50hr²	75hr²	100hr²
9L - 18L	100%	97%	93%	90%	86%
24L - 48L	100%	95%	89%	84%	79%
55L	100%	91%	82%	74%	67%

RECOMMENDED LUMEN MAINTENANCE¹ (40°C)					
Ambient	Initial²	25h²	50hr²	75hr²	100hr²
7L - 18L	100%	97%	92%	88%	84%
24L - 48L	100%	94%	87%	80%	74%

RECOMMENDED LUMEN MAINTENANCE¹ (50°C)					
Ambient	Initial²	25h²	50hr²	75hr²	100hr²
7L - 18L	100%	96%	91%	87%	83%

DELIVERED LUMENS*					
Lumen Package	Distribution	Phosphor Converted Amber (Peak 610nm)			Wattage
		Delivered Lumens	Efficacy	BUG Rating	
9L	2	5848	80	B2-U0-G2	74
	3	6018	82	B1-U0-G2	
	5W	5471	74	B3-U0-G1	
	FT	5801	79	B1-U0-G2	
	FTA	5924	81	B1-U0-G1	
	AM	5995	81	B1-U0-G1	
12L	2	7530	74	B2-U0-G2	102
	3	7749	76	B1-U0-G2	
	5W	7045	69	B3-U0-G2	
	FT	7470	73	B2-U0-G2	
	FTA	7628	75	B2-U0-G2	
	AM	7720	76	B1-U0-G1	
18L	2	9311	69	B2-U0-G2	135
	3	9582	71	B2-U0-G2	
	5W	8712	65	B3-U0-G2	
	FT	9237	68	B2-U0-G2	
	FTA	9433	70	B2-U0-G2	
	AM	9546	71	B2-U0-G1	
24L	2	10955	63	B2-U0-G2	175
	3	11273	64	B2-U0-G2	
	5W	10249	59	B3-U0-G2	
	FT	10867	62	B2-U0-G2	
	FTA	11097	63	B2-U0-G2	
	AM	11230	64	B2-U0-G1	

ELECTRICAL DATA - Phosphor Converted Amber (AMPS)*						
Lumens	120V	208V	240V	277V	347V	480V
9L	0.62	0.36	0.31	0.27	0.21	0.15
12L	0.85	0.50	0.43	0.38	0.30	0.22
18L	1.13	0.65	0.56	0.49	0.39	0.28
24L	1.47	0.85	0.73	0.64	0.51	0.37

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

*LEDs are frequently updated therefore values are nominal.

1. Lumen maintenance values at 25C are calculated per TM-21 based on LM-80 data and in-situ testing.
2. In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.
3. In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times the IESNA LM-80-08 total test duration for the device under testing.

Slice Medium Outdoor LED Area Light

Type : _____

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PHOTOMETRICS

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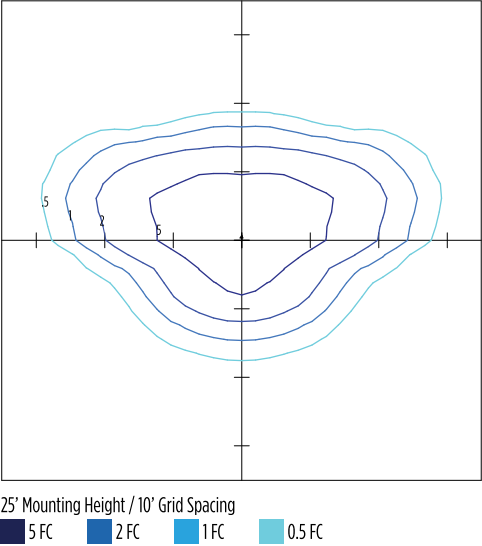
Luminaire photometry has been conducted by an accredited laboratory in accordance with IESNA LM-79. As specified by IESNA LM-79 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

SLM-LED-30L-SIL-2-40-70CRI

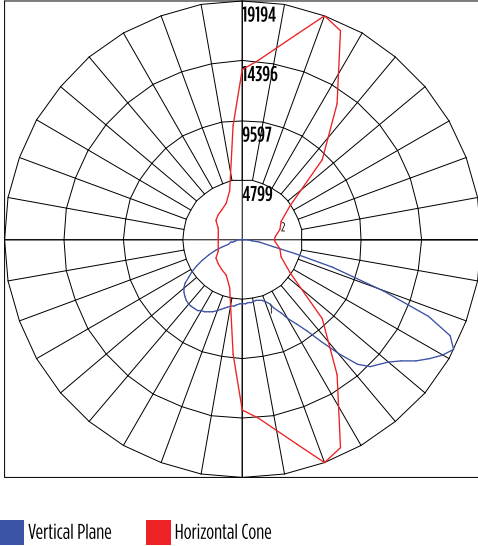
Luminaire Data		
Type 2 Distribution		
Description	4000 Kelvin, 70 CRI	
Delivered Lumens	31,743	
Watts	232	
Efficacy	137	
IES Type	Type II - Short	
BUG Rating	B4-U0-G3	

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	4953	16%
Medium (30-60°)	19157	60%
High (60-80°)	7350	23%
Very High (80-90°)	284	1%
Uplight (90-180°)	0	0%
Total Flux	31743	100%

ISO Footcandle



Polar Curve

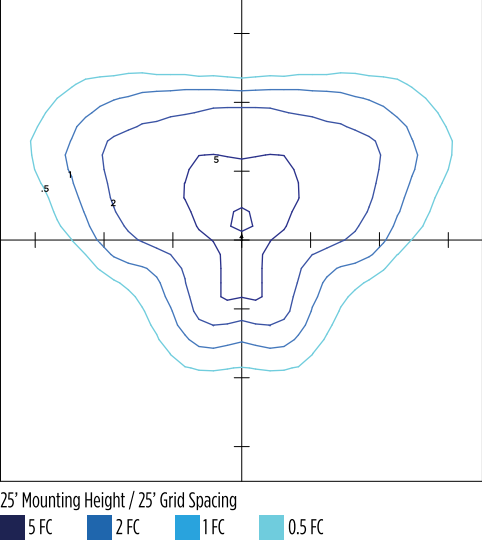


SLM-LED-30L-SIL-3-40-70CRI

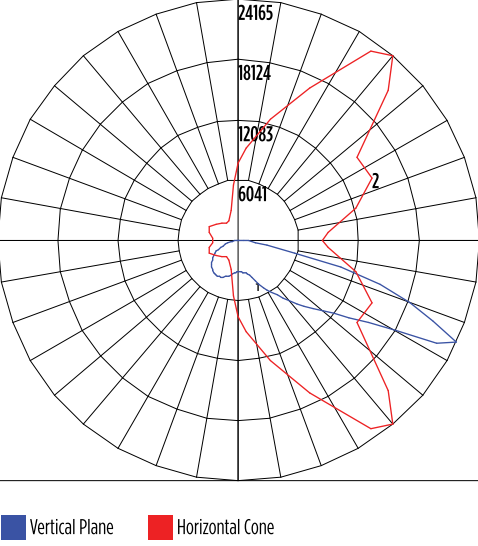
Luminaire Data		
Type 3 Distribution		
Description	4000 Kelvin, 70 CRI	
Delivered Lumens	32,206	
Watts	232	
Efficacy	139	
IES Type	Type III - Short	
BUG Rating	B4-U0-G4	

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	3408	11%
Medium (30-60°)	16397	51%
High (60-80°)	11868	37%
Very High (80-90°)	533	2%
Uplight (90-180°)	0	0%
Total Flux	32206	100%

ISO Footcandle



Polar Curve



Slice Medium Outdoor LED Area Light

Type : _____

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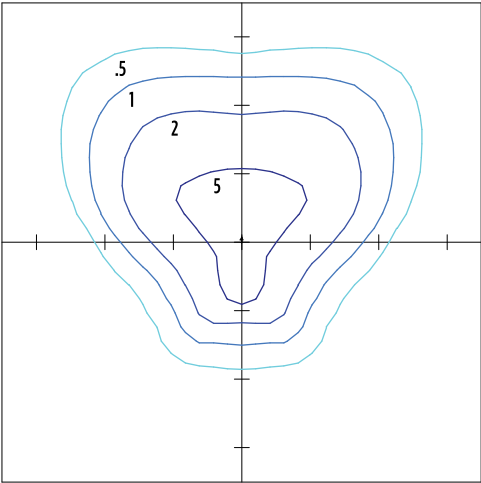
PHOTOMETRICS (CONT.)

SLM-LED-30L-SIL-FT-40-70CRI

Luminaire Data	
Type FT Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	31,921
Watts	232
Efficacy	138
IES Type	Type IV - Short
BUG Rating	B4-U0-G4

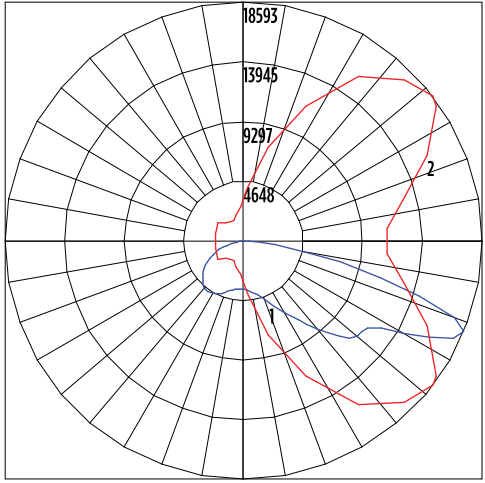
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	3874	12%
Medium (30-60°)	15694	49%
High (60-80°)	11696	37%
Very High (80-90°)	657	12%
Uplight (90-180°)	0	0%
Total Flux	31921	100%

ISO Footcandle



25' Mounting Height / 25' Grid Spacing
■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

Polar Curve



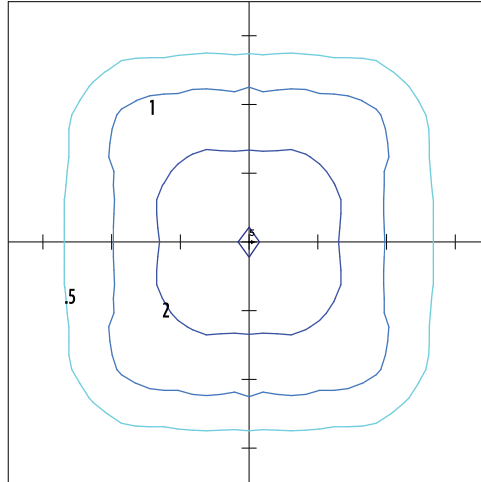
■ Vertical Plane ■ Horizontal Cone

SLM-LED-30L-SIL-5W-40-70CRI

Luminaire Data	
Type FW Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	31,237
Watts	232
Efficacy	135
IES Type	Type IV - Short
BUG Rating	B5-U0-G3

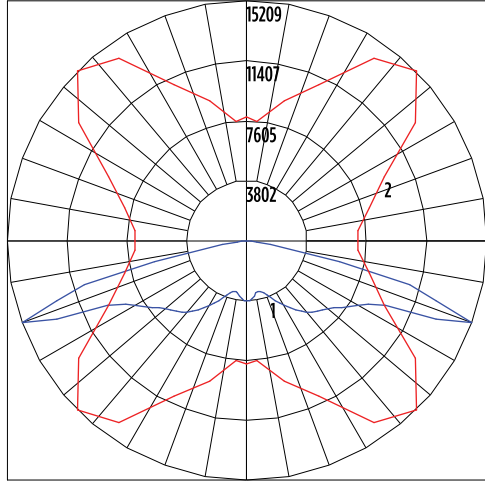
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	3186	10%
Medium (30-60°)	13594	44%
High (60-80°)	14195	45%
Very High (80-90°)	261	1%
Uplight (90-180°)	0	0%
Total Flux	31237	100%

ISO Footcandle



25' Mounting Height / 25' Grid Spacing
■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

Polar Curve



■ Vertical Plane ■ Horizontal Cone

Slice Medium Outdoor LED Area Light

Type : _____

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

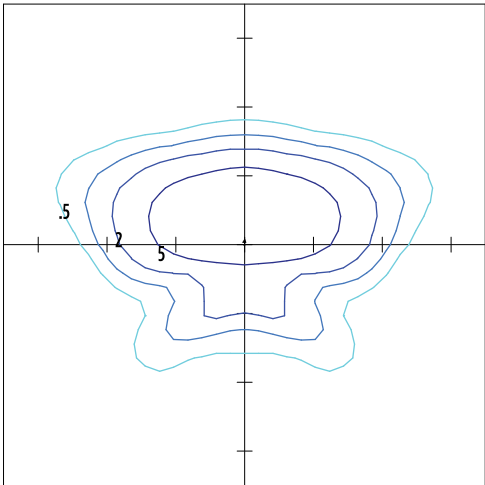
PHOTOMETRICS (CONT.)

SLM-LED-30L-SIL-FTA-40-70CRI

Luminaire Data	
Type FTA Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	32,146
Watts	232
Efficacy	139
IES Type	Type I - Very Short
BUG Rating	B4-U0-G3

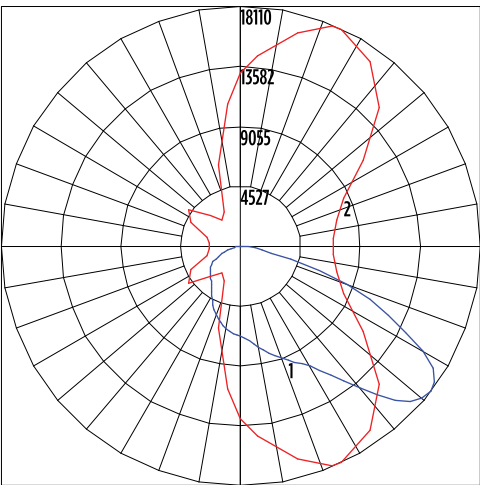
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	7371	23%
Medium (30-60°)	18710	58%
High (60-80°)	5624	17%
Very High (80-90°)	441	1%
Uplight (90-180°)	0	0%
Total Flux	32146	100%

ISO Footcandle



25' Mounting Height / 25' Grid Spacing
■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

Polar Curve



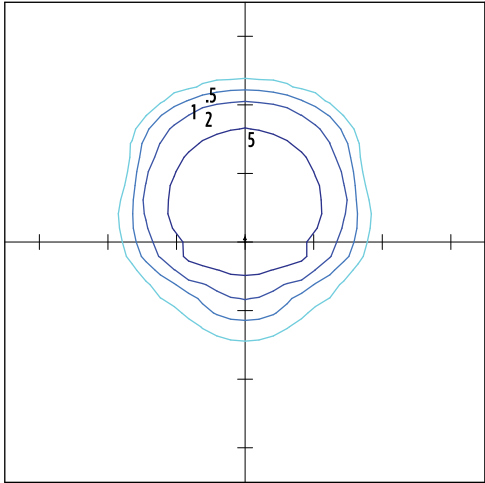
■ Vertical Plane ■ Horizontal Cone

SLM-LED-30L-SIL-AM-40-70CRI

Luminaire Data	
Type AM Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	32,543
Watts	232
Efficacy	140
IES Type	Type III - Very Short
BUG Rating	B4-U0-G3

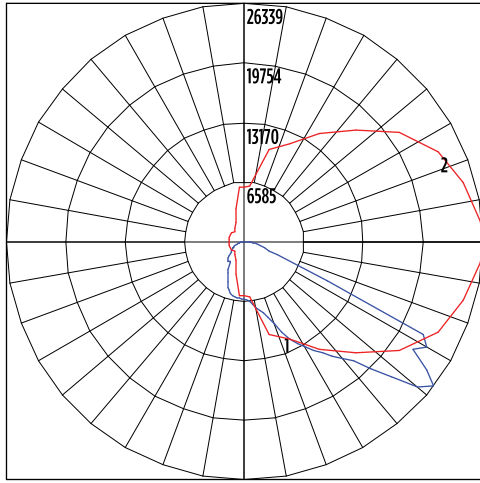
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	6390	9%
Medium (30-60°)	20951	43%
High (60-80°)	4838	48%
Very High (80-90°)	365	1%
Uplight (90-180°)	0	0%
Total Flux	32543	100%

ISO Footcandle



25' Mounting Height / 25' Grid Spacing
■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

Polar Curve



■ Vertical Plane ■ Horizontal Cone

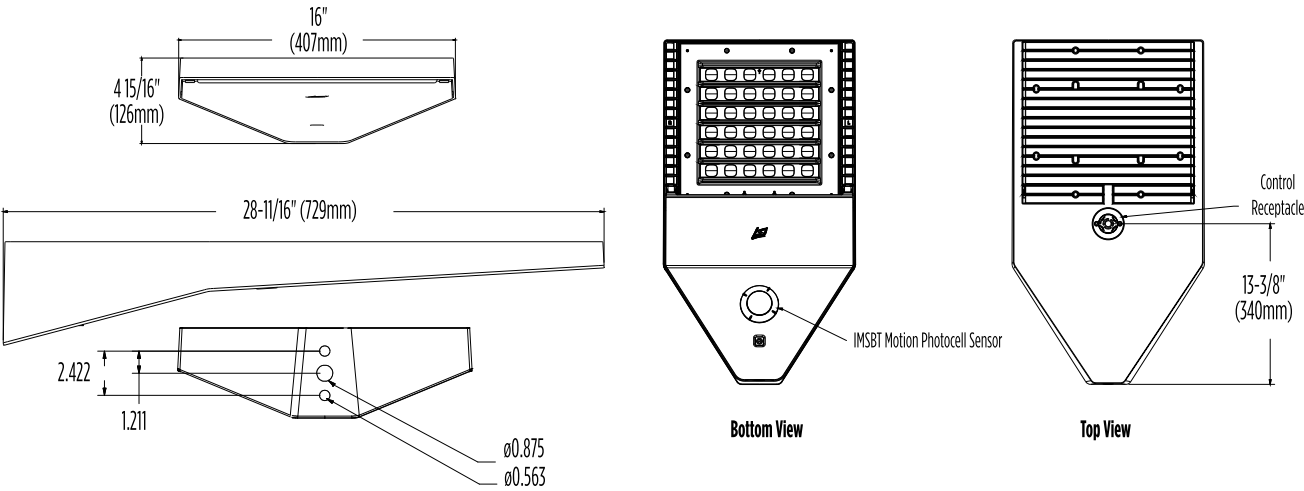
Slice Medium Outdoor LED Area Light

Type : _____

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

PRODUCT DIMENSIONS

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LUMINAIRE EPA CHART - SLM									
Tilt Degree		0°	30°	45°	Tilt Degree		0°	30°	45°
	Single	0.5	2.1	2.6		T90°	1.2	2.9	3.6
	D180°	1.1	2.1	2.6		TN120°	1.3	4.4	5.4
	D90°	0.9	2.5	3.1		Q90°	1.2	2.9	3.6

CONTROLS

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Integral Bluetooth™ Motion and Photocell Sensor (IMSBTxL)

Slim low profile sensor provides multi-level control based on motion and/or daylight. Sensor controls 0-10 VDC LED drivers and is IP66 rated for cold and wet locations (-40°F to 167°F). Two unique PIR lenses are available and used based on fixture mounting height. All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles.

[Click here to learn more details about IMSBT](#)



LEVITON App



Apple



Android

AirLink Blue (ALBCSx)

Wireless Bluetooth Mesh Outdoor Lighting Control System that provides energy savings, code compliance and enhanced safety/security for parking lots and parking garages. Three key components; Bluetooth wireless radio/sensor controller, Time Keeper and an iOS App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone. Radio/Sensor Controller is factory integrated into Area/ Site, Wall Mounted, Parking Garage and Canopy luminaires.

[Click here to learn more details about AirLink Blue](#)



AirLink Blue App



Apple

Sensor Sequence of Operations

Standard Programming	On Event	Off Event	On Light Level	Dim Light Level	Daylight Harvesting	Delay To Off	Sensitivity
OMSBTxL/IMSBTxL	Motion	No Motion	100%	N/A	On; Auto Calibration	20 minutes	High
OMS	Motion	No Motion	N/A	N/A	N/A	30 seconds	Auto

Operation	Description
On Event	Trigger that activates lights to turn on; either automatic via motion detected or manually activated via push of button.
Off Event	Trigger that activates lights to turn off; either automatic via no motion detected or manually activated via push of button.
On Light Level	The light level that the fixtures will turn on to when ON EVENT occurs.
Dim Light Level	The light level that the fixtures will dim down to when no motion is detected.
Delay to Dim	The amount of time after which no motion is detected that the fixtures will be triggered to dim down. This sequence is optional, and sensor can be programmed to only trigger the fixture to turn off by entering 100% in this field.
Delay to Off	The amount of time after which no motion is detected that the fixtures will be triggered to turn off. If delay to dim is part of the programmed functionality, this is the amount of time after which no motion is detected after the fixture have already dimmed down.
Sensitivity	The sensitivity can be set to high, medium, low, or auto where applicable. High will detect smaller, simple motions. Low will only detect larger more complex motions. Auto temperature calibration adjusts the PIR sensitivity as ambient temperature rises to increase detection of heat movement through the field of view.



Patriot Wall Sconce (XPWS3)

Outdoor Wall Sconce



IP65



OVERVIEW

Lumen Package	3,000 - 6,000
Wattage Range	34 - 72
Efficacy Range (LPW)	79 - 95
Weight lbs (kg)	30 (13.6)

QUICK LINKS

[Ordering Guide](#)[Performance](#)[Photometrics](#)[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- One-piece die-cast aluminum housing is smoothly contoured rectangular shape.
- Mounting hardware is stainless steel or electro-zinc plated.
- Housing and optical unit are sealed with extruded silicone gasket; supply conductors with molded EPDM bushing.
- 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: 30 lbs in carton.

Optical System

- Clear tempered optical-grade flat glass lens sealed to the aluminum optic housing creates an IP65 rated optical assembly.
- Pressure stabilizing breather allows super-tight protection while preventing cycling from building up internal pressures and vacuums that can stress optical unit seals.
- Three distribution choices: Wide Throw (WT), Forward Throw (FT) and Wall Wash (WW).
- Zero uplight.
- Available in 5000K and 4000K color temperatures per ANSI C78.377.
- Minimum CRI of 70.

Electrical

- Driver is fully encased in potting material for IP65 moisture and complies with IEC and FCC standards. Driver can be easily accessed.
- Drivers feature integral sensor which reduces drive current, when ambient temperatures exceed rated temperature.
- Available with universal voltage power supply 120-277VAC (50/60Hz input) or 347-480VAC.
- Operating temperature: -40°C to +50°C (-40°F to +122°F).
- Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Location Category C.
- Prewired leads extended out the back of the unit through a rubber grommet eliminating the need to open the fixture to make wiring connections.
- Optional integral emergency battery-back-up options are available. BB option operates in 0°C to 60°C ambient temperature and CWBB operates in -20°C to 60°C ambient temperature. When primary AC power failure occurs, both options operate 10 LEDs for minimum of 90 minutes.

Controls

- DIM- 0-10 volt dimming enabled with controls by others.

Installation

- Galvanized-steel universal wall mounting plate easily mounts directly to 4" octagonal or square junction box.
- EPDM gasket is supplied to be installed between mounting plate and junction box, sealing junction box from entrance of water.
- Universal plate permits fixture to be mounted in uplighting (indoor only) or downlighting position.
- XPMa (for square) or XPMAR (for round) allows mounting to poles in single and D180 configurations. Use LSI B3 drilling pattern.

Warranty

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

Listings

- Listings
- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- Suitable for wet locations (down position only).
- IP65 rated luminaire
- Optional Class 1 Division 2 (groups A, B, C & D) hazardous location rating is available (select HL option)



Patriot Wall Sconce

ORDERING GUIDE

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TYPICAL ORDER EXAMPLE:	XPWS3 FT LED 48 450 CW UE WHT BB
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Prefix	Distribution	Technology	Output	Color Temp	Voltage	Finish	Controls	Options
XPWS3 - Patriot Wall Sconce	FT - Forward Throw	LED	28 -350 - 28 LEDs & 350mA (3,000 lms)	CW - 5,000K CCT - 70 CRI	UE - Universal Voltage (120-277V) 347-480 - High Voltage	BLK - Black	DIM - 0-10v Dimming leads extended to housing exterior ¹	(Blank) - None
	WT - Wide Throw		28-450 - 28 LEDs & 450mA (4,000 lms)	NW - 4,000K CCT - 70 CRI		BRZ - Bronze	PCI120 - 120V Button-Type Photocell ²	BB - Battery Backup (0°C) ³
	WW - Wall Wash		48-350 - 48 LEDs & 350mA (5,000 lms)			GMG - Gun Metal Gray	PCI208 - 208V Button-Type Photocell ²	CWBB - Cold Weather Battery Backup (-20°C) ³
			48-350 - 48 LEDs & 350mA (5,000 lms)			GPT - Graphite	PCI240 - 240V Button-Type Photocell ²	HL - Class 1, Division 2 Hazardous Location Rating, ETL Listed to UL8448 ⁴
			48-350 - 48 LEDs & 450mA (6,000 lms)			MSV - Metallic	PCI277 - 277V Button-Type Photocell ²	XPMA - Pole Mounting Adaptor w/ Fixture Back Plate for Use with Square Poles ⁵
						PLP - Platinum Plus	PCI347 - 347V Button-Type Photocell ²	XPMA4 - Pole Mounting Adaptor w/ Fixture Back Plat for Use with 4" O.D. Round Poles ⁵
						SVG - Satin Verde Green		XPMA5 - Pole Mounting Adaptor w/ Fixture Back Plat for Use with 5" O.D. Round Poles ⁵
	WHT - White							

Accessory Ordering Information

Description	Order Number
XPWS3 Polycarbonate Shield	244657
XPWS3 SW BLK - Surface Wiring Box (Available in black only)	356915BLK
FK120 - Single Fusing	FK120 ⁷
FK277 - Single Fusing	FK277 ⁷
FK208, 240 - Double Fusing	FK208,240 ⁷
FK480 - Double Fusing	FK480 ⁷
FK347 - Single Fusing	FK347 ⁷

FOOTNOTES:

- 1 - DIM and IMS options are not compatible.
- 2 - Not compatible with ERM2 or HL option.
- 3 - Available with UE voltage only. Not compatible with HL option.
- 4 - Not available with battery back-up or photocell options.
- 5 - Designed for 3" reduced drilling pattern. For S or D180 mounting configuration only.
- 6 - Accessories are field installed.
- 7 - Fusing to be installed in a compatible junction box supplied by contractor.



Patriot Wall Sconce

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PERFORMANCE

DELIVERED LUMENS									
LEDs - Drive Current	Distribution	CRI	4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
28 - 350mA	FT	70	2919	86	B1-U0-G1	3055	90	B1-U0-G1	34
	WT		2873	86	B1-U0-G1	2977	88	B1-U0-G1	
	WW		3074	90	B1-U0-G0	3161	93	B2-U0-G0	
28 - 450mA	FT		3529	80	B1-U0-G1	3730	85	B1-U0-G1	44
	WT		3465	79	B1-U0-G1	3636	83	B1-U0-G1	
	WW		3708	84	B2-U0-G0	3844	87	B2-U0-G0	
48 - 350mA	FT		4863	88	B1-U0-G1	5094	93	B1-U0-G1	55
	WT		4791	87	B1-U0-G1	5095	93	B2-U0-G1	
	WW		4881	89	B2-U0-G0	5209	95	B2-U0-G0	
48 - 450mA	FT		5775	80	B1-U0-G1	6159	86	B2-U0-G1	72
	WT		5678	79	B2-U0-G1	6144	85	B2-U0-G1	
	WW		5751	81	B2-U0-G0	5315	88	B2-U0-G0	

ELECTRICAL DATA*

Output	120V	208V	240V	277V	347V	480V
28 - 350mA	0.28	0.16	0.14	0.12	0.10	0.07
28 - 450mA	0.37	0.21	0.18	0.16	0.13	0.09
48 - 350mA	0.46	0.26	0.23	0.20	0.16	0.11
48 - 450mA	0.60	0.35	0.30	0.26	0.21	0.15

PRODUCT DIMENSIONS

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