



# Slice Medium (SLM)

## Turtle Friendly LED Area Light



### OVERVIEW

Lumen Package (lm)	2,000 - 4,000
Wattage Range (W)	35 - 94
Efficacy Range (LPW)	40 - 71
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 narrow band amber with peak intensity at 596nm.
- Integral louver (IL) and integral half louver (IH) options available for enhanced backlight control.
- External shielding available for blocking visibility from any side of the luminaire

### 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).
- 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).
- 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.
- 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 66262 mechanical impact code.
- Patented Silicone Optics (US Patent NO. 10,816,165 B2)

# Slice Medium Outdoor LED Area Light

Type : \_\_\_\_\_

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## ORDERING GUIDE

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TYPICAL ORDER EXAMPLE: <b>SLM LED 4L SIL FTA UNV DIM AMT ALSCS04 BRZ IL</b>						
Prefix	Light Source	Lumen Package	Lens	Distribution	Orientation <sup>2</sup>	Voltage
SLM - Slice Medium	LED	2L - 2,000 lms 4L - 4,000 lms Custom Lumen Packages <sup>1</sup>	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	Controls	Finish	Options
DIM - 0-10v Dimming (10-100%)	AMT - Narrow Band Amber	<p>(Blank) - None</p> <p><b>Wireless Controls System</b></p> <p>ALSC - AirLink Synapse Control System</p> <p>ALS02 - AirLink Synapse Control System with 12-20' Motion Sensor</p> <p>ALS04 - AirLink Synapse Control System with 20-40' Motion Sensor</p> <p>ALB01 - AirLink Blue Wireless Motion &amp; Photo Sensor Controller (8-24' mounting height)<sup>4</sup></p> <p>ALB02 - AirLink Blue Wireless Motion &amp; Photo Sensor Controller (25-40' mounting height)<sup>4</sup></p> <p><b>Stand-Alone Controls</b></p> <p>EXT - 0-10V Dimming leads extended to housing exterior</p> <p>CR7P - 7 Pin Control Receptacle ANSI C136.41<sup>5</sup></p> <p>IMSBTL1 - Integral Bluetooth™ Motion and Photocell Sensor (8-24' MH)<sup>4</sup></p> <p>IMSBTL2 - Integral Bluetooth™ Motion and Photocell Sensor (25-40' MH)<sup>4</sup></p> <p><b>Button Type Photocells</b></p> <p>PCI120 - 120V</p> <p>PCI208-277 - 208 -277V</p> <p>PCI347 - 347V</p>	<p>BLK - Black</p> <p>BRZ - Dark Bronze</p> <p>GMG - Gun Metal Gray</p> <p>GPT - Graphite</p> <p>MSV - Metallic Silver</p> <p>PLP - Platinum Plus</p> <p>SVG - Satin Verde Green</p> <p>WHT - White</p>	<p>(Blank) - None</p> <p>IH - Integral Half Louver (Moderate Spill Light Cutoff)<sup>2</sup></p> <p>IL - Integral Louver (Sharp Spill Light Cutoff)<sup>2</sup></p>



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

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## Accessory Ordering Information<sup>6</sup>

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

SHIELDING OPTIONS	
Mirada Small	<a href="#">See Shielding Guide</a>
Mirada Medium	
Mirada Large	
Zone Medium	
Zone Large	
Slice Medium	

## MOUNTING ACCESSORIES<sup>7</sup>

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

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. "CLR" denotes finish. See Finish options.

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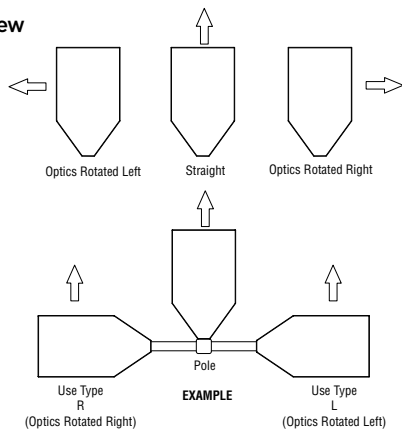
## ACCESSORIES

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

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)

## OPTICS ROTATION

Top View



## 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 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 IMSBTL 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



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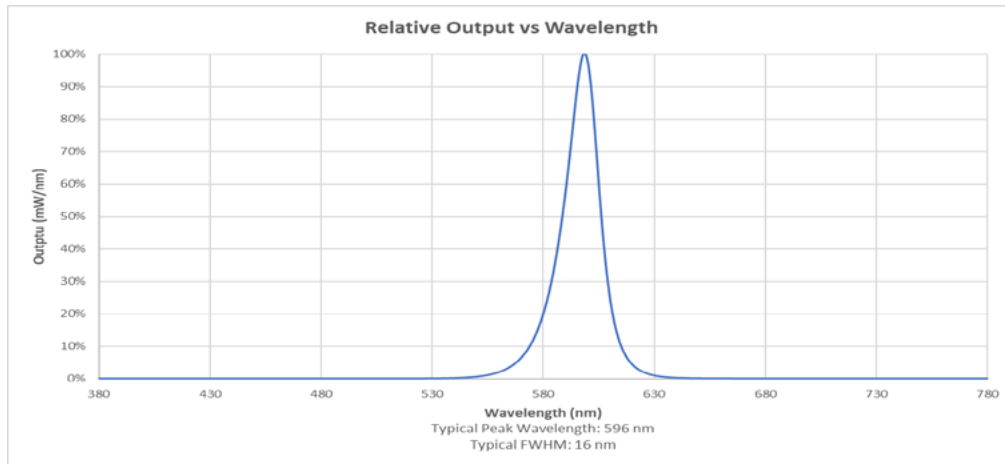
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## PERFORMANCE

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DELIVERED LUMENS*					
Lumen Package	Distribution	3000K CCT			Wattage
		Delivered Lumens	Efficacy	BUG Rating	
2L	2	2437	69	B1-U0-G1	35
	3	2504	71	B1-U0-G1	
	5W	2482	70	B2-U0-G1	
	FT	2509	71	B1-U0-G1	
	FTA	2408	68	B1-U0-G1	
	AM	2509	71	B1-U0-G1	
4L	2	3792	41	B1-U0-G1	94
	3	3897	42	B1-U0-G1	
	5W	3862	41	B3-U0-G1	
	FT	3904	42	B1-U0-G1	
	FTA	3746	40	B1-U0-G1	
	AM	3904	42	B1-U0-G1	

ELECTRICAL DATA - (AMPS)*							
Lumens	Wattage	120V	208V	240V	277V	347V	480V
2L	35	0.30	0.17	0.15	0.13	0.10	0.07
4L	94	0.78	0.45	0.39	0.34	0.27	0.19



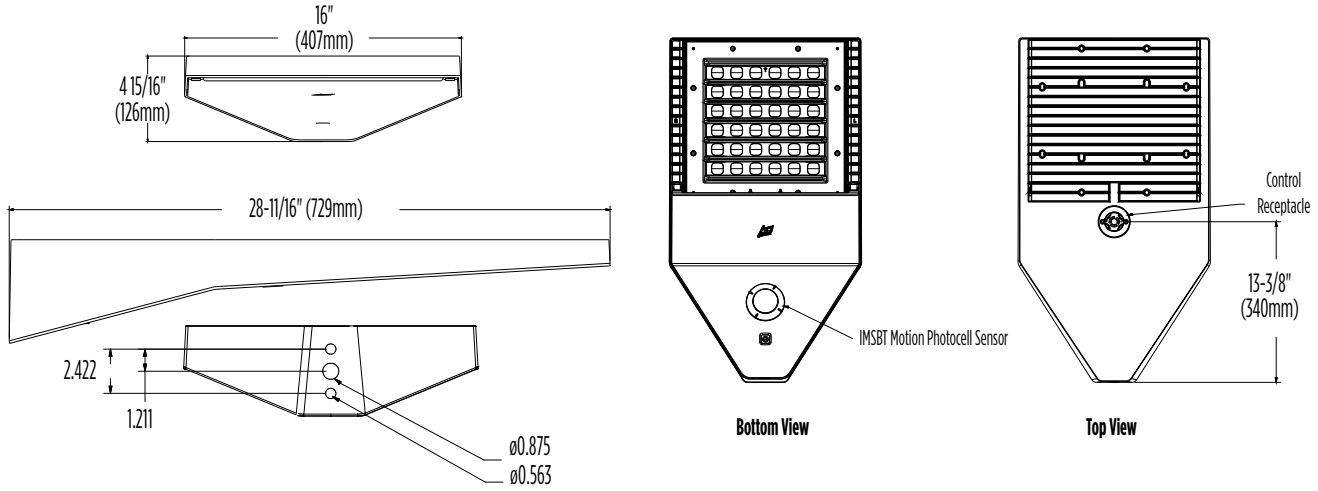
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## PRODUCT DIMENSIONS

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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

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## 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
<b>On Event</b>	Trigger that activates lights to turn on; either automatic via motion detected or manually activated via push of button.
<b>Off Event</b>	Trigger that activates lights to turn off; either automatic via no motion detected or manually activated via push of button.
<b>On Light Level</b>	The light level that the fixtures will turn on to when ON EVENT occurs.
<b>Dim Light Level</b>	The light level that the fixtures will dim down to when no motion is detected.
<b>Delay to Dim</b>	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.
<b>Delay to Off</b>	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.
<b>Sensitivity</b>	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.