



Catalog # :
Prepared By :
Project :
Date :

Mirada Small Area (MRS) Outdoor LED Area Light



OVERVIEW	
Lumen Package	6,000 - 30,000
Wattage Range	39 - 209
Efficacy Range (LPW)	112 - 163
Weight lbs(kg)	20 (9.1)
Control Options	IMSBT, ALB, ALS, 7-Pin, PCI

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: 27 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, 4, 5W, FT, and LC/RC.
 - Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 95-95%.
 - Zero uplight.
 - Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377
 - Minimum CRI of 70.
 - Integral louver (IL) and integral half louver (IH) options available for enhanced backlight control.

- Electrical**
 - High-performance driver features over-voltage, 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).
 - L70 Calculated Life: >60k Hours
 - Total harmonic distortion: <20%
 - Operating temperature: -40°C to +50°C (-40°F to +122°F). 30L lumen packages rated to +40°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 and photocell 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.

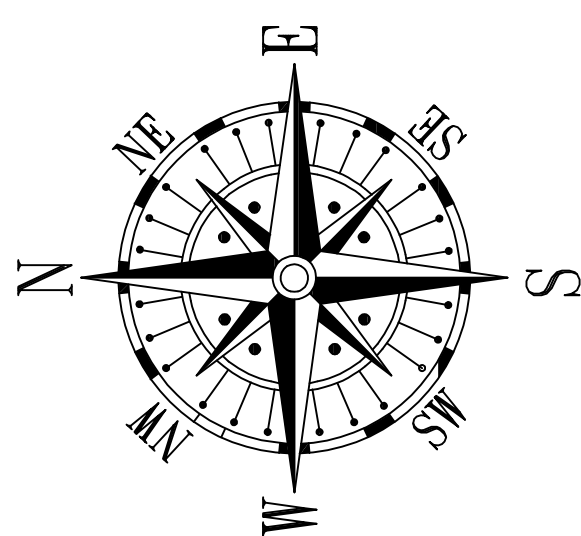
- Installation**
 - Designed to mount to square or round poles.
 - A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment.
 - Included terminal block accepts up to 12 ga. wire.
 - Utilizes LSI's traditional B3 drill pattern.
- 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 are qualified.
 - IK08 rated luminaire per IEC 66262 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.

LSI Industries Inc. 10000 Alliance Rd. Cincinnati, OH 45242 • (513) 372-3200 • www.lsicorp.com
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Page 1/30 Rev. 10/05/23
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NE 13TH STREET

NORTH RIVERSIDE DRIVE



PHOTOMETRIC PLAN
SCALE:1/8"=1'

Luminaire Schedule					LLF	Luminaire Lumens	Luminaire Watts	Total Watts
Symbol	Qty	Label	Arrangement	Description				
SB	2	SB	Single	LSI Industries MRS-LED-06L-SIL-4-UNV-DIM-40-70CRI-XX-IL	0.900	3800	39	78
SA	1	SA	Single	LSI Industries MRS-LED-06L-SIL-3-UNV-DIM-40-70CRI-XX-IL	0.900	4180	39	39

Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	
Covered Entry	Illuminance	Fc	1.53	1.7	1.4	1.09	1.21	
Driveways	Illuminance	Fc	1.44	2.7	0.5	2.88	5.40	
Paver Walkway	Illuminance	Fc	1.51	2.2	0.6	2.52	3.67	
Property Line	Illuminance	Fc	0.36	0.8	0.1	3.60	8.00	

REVISIONS:

DATE 12/13/2023

DRAWN : BM REVIEW DG

SCALE AS NOTED

DRAWING TITLE:
SITE / PHOTOMETRIC PLAN

SHEET No:
PH-1