

Category #: _____ Project: _____ Type: _____
Prepared By: _____ Date: _____

Mirada Large (MRL)

Outdoor LED Area Light



OVERVIEW	
Lumen Package	40,000 - 78,000
Wattage Range	270 - 579
Efficacy Range (LPW)	125 - 162
Weight (lbs/cfg)	60 (272)
Control Options	IMSBT, ALB, ALS, 7-Pin

QUICK LINKS

- Ordering Guide
- Performance
- Photometrics
- Dimensions

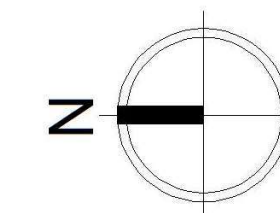
FEATURES & SPECIFICATIONS

- Construction**
- Rugged die-cast aluminum housing, optical frame, and driver access cover.
 - 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: 68 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 sealed optical chamber in 1 component.

- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L90 Calculated Life: >100k Hours (See Lumen Maintenance chart)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 65L and 78L 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

- 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 for installing/servicing.
 - Included terminal block accepts up to 12 ga. wire.
 - Utilizes both B3 and B5 drill patterns for easy fastening of LSI products.
- Warranty**
- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsi.com/resources/terms-conditions-warranty/> for more information.

Plan View
Scale - 1" = 30ft



Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
EAST PROPERTY LINE	+	0.8 fc	2.3 fc	0.0 fc	N/A	N/A
NORTH PROPERTY LINE	+	0.0 fc	0.0 fc	0.0 fc	N/A	N/A
PARKING AREA	X	16.5 fc	26.6 fc	7.8 fc	3.4:1	2.1:1
SOUTH PROPERTY LINE	+	0.3 fc	0.4 fc	0.1 fc	4.0:1	3.0:1
WEST PROPERTY LINE	+	0.2 fc	0.4 fc	0.0 fc	N/A	N/A

LIGHTING FIXTURE SCHEDULE														
TYPE	DESCRIPTION	QUANTITY	LIGHT SOURCE	LUMEN OUTPUT	CCT	CRI	INPUT VOLTAGE	INPUT WATTAGE	BALLAST/ DRIVER TYPE	MANUFACTURER	NOMENCLATURE	EMBEDDED SENSOR/ CONTROLS	MOUNTING INFORMATION	NOTES
OC	WALL MOUNT AREA LIGHT	7	LED	3,000	5,000	80	120/277	30	0-10V DIMMING DRIVER	LSI LIGHTING	XWM-4-LED-04L-50K8-UE-BRZ	TBD	12'-0" AFG	FINISH: BRONZE
OD	POLE MOUNT TWIN HEAD AREA LIGHT	12	LED	65,000 (EA)	5,000	80	120/277	518 (EA)	0-10V DIMMING DRIVER	LSI LIGHTING	MRL-LED-65L-SIL-AM-UNV-DIM-50-80CRI	TBD	POLE: 55Q_-S7Q-30'-SR-BRZ- GA. 32'-6" HM	AUTOMOTIVE MERCHANDISE OPTIC. W/ WEATHERPROOF DUPLEX RECEPTACLE. FINISH: BRONZE.

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Designer
Date
03/03/2026
Scale
Not to Scale
Drawing No.
Summary