



Mirada Round - XMR Outdoor LED Area Light

The Mirada Round's sleek radiused design makes it perfectly-suited for alternatives to the straight lines of the original Mirada, for architectural applications. Its cost-effective die-cast aluminum housing makes its acquisition cost very competitive. The Mirada offers high performance silicone optics, die cast aluminum housing, 35,000+ lumens and is available with integral wireless controls.

Features & Specifications

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.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in IES Types 2, 3, 5W and FT.
- Silicone optical material does not yellow or crack with age and provides a minimum light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K, and 3000K (+/- 275K) color temperatures.
- Minimum CRI of 70. 90CRI available, consult factory for lead time.
- Integral Louver (IL) option available for improved back-light control without sacrificing street side performance. See page 5 for more details.

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: >100k Hours (See Lumen Maintenance on Page 2)
- 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 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
- Terminal block provided accepts up to 10ga wire.
- Components are fully encased in potting material for moisture resistance.
- Driver complies with FCC standards. Driver and key electronic components can easily be accessed.



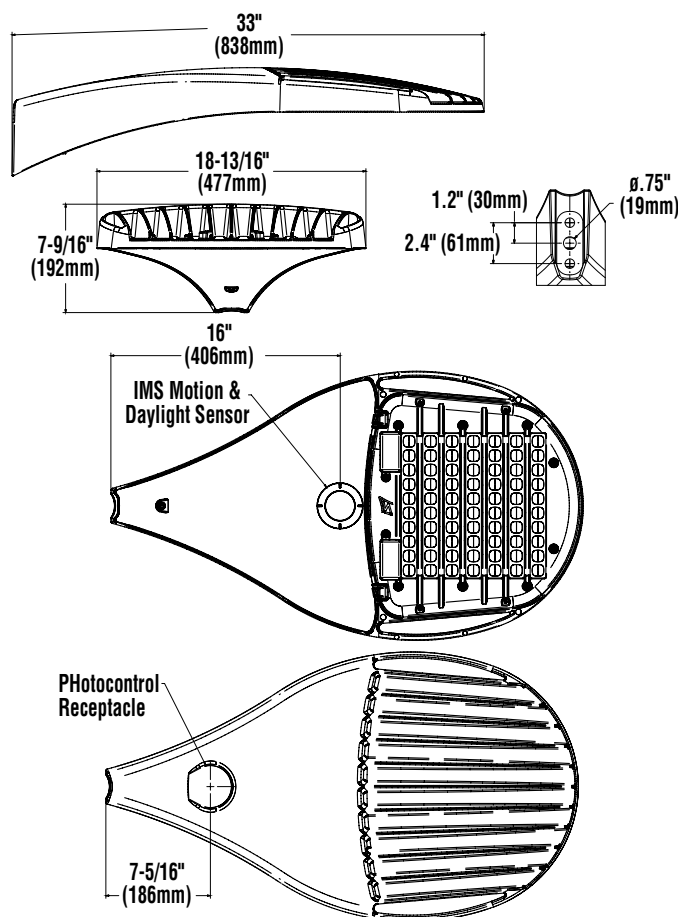
Dimmable



IP66

ARRA
Funding Compliant

Product Dimensions





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Features & Specifications (Cont.)

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
- Designed to mount to round or square poles without need for pole adaptors.
- Luminaire is proudly made in the U.S.
- IP66 rated luminaire protects integral components from harsh environments.
- 3G rated for ANSI C136.31 high vibration applications
- 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: 40 lbs in carton.

Controls

- Optional integral passive infrared motion and daylight sensor activates switching of luminaire light levels (see page 6 for more details).
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules.
- LSI's AirLink™ wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7. (see page 6 for more details)

Installation

- 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 provides quick and easy on-site wiring.
- Utilizes LSI's traditional 3" drill pattern for easy fastening of LSI products. (See drawing on page 1)

Warranty

- LSI LED Fixtures carry a 5-year warranty.

Listings

- Listed to UL 1598 and UL 8750.
- RoHS Compliant.
- State of California Title 24.
- 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.
- American Recovery and Reinvestment Act Funding Compliant.
- Lighting Facts Approved.
- Suitable For wet Locations.
- IP66 rated Luminaire. IP66 rated optical chamber.
- 3G rated for ANSI C136.31 high vibration applications

Performance

ELECTRICAL DATA*

Lumens	120V	208V	240V	277V	347V	480V	Watts
18	1.29A	0.75A	0.65A	0.56A	0.45A	0.32A	155
29	1.98A	1.14A	0.99A	0.86A	0.69A	0.50A	238
35	2.58A	1.49A	1.29A	1.12A	0.89A	0.65A	310

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

RECOMMENDED LUMEN MAINTENANCE¹

Ambient	Initial ²	25 hr ²	50 hr ²	75 hr ³	100 hr ³
0 C	100.0	99.00	98.82	98.65	98.47
10 C	100.0	99.00	98.82	98.65	98.47
20 C	100.0	99.00	98.82	98.65	98.47
25 C	100.0	99.00	98.82	98.65	98.47
30 C	100.0	99.13	98.82	98.51	98.21
40 C	100.0	97.33	95.27	93.25	91.28

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.

LUMINAIRE EPA CHART - XRM

Single	0.6
D180°	1.1
D90°	0.9
T90°	1.9
TN120°	1.9
Q90°	2.1

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Ordering Guide

TYPICAL ORDER EXAMPLE: **XMR FT LED 18 40 UE BRZ ALSC**

Luminaire Prefix	Distribution	Light Source	Lumen Package	Color Temp	Voltage	Finish	Optional Controls	Options
XMR	2 - Type II 3 - Type III 5W - Type 5 FT - Type FT	LED	18 - 18,000 lms 29 - 29,000 lms 35 - 35,000 lms	30 - 3000K 40 - 4000K 50 - 5000K	UE - Universal Voltage (120-277V) HV - 347-480 Universal Voltage (347-480V)	BRZ - Bronze BLK - Black GPT - Graphite MSV - Metallic Silver WHT - White PLP - Platinum Plus SVG - Satin Verde Green	Wireless Controls System ^{1,2} ALSC - AirLink Synapse Control System ALSCH - AirLink Synapse Control System - Host/Satellite PCM - Platinum Control System ¹¹ GCM - Gold Control System ¹¹ DIM - 0-10 Volt Dimming (required for satellite fixtures) ³ (Blank) - None Stand-Alone Controls (Blank) - None DIM - 0-10 Volt Dimming (from external signal) ^{3,7} BLS - Bi-level Switching (from external 120-277V signal) ^{3,7} IMS - Integral Motion & Daylight Sensor ^{4,5}	PCR 7P - Photoelectric Control Receptacle ⁶ IL - Internal Louver House Side Shield 90C - 90 CRI ¹²

Accessory Ordering Information

Description	Order Number	Description	Order Number
PC120 Photocell for use with PCR option (120V)	122514 ⁸	DFK480 Double Fusing (480V)	DFK480 ⁹
PC208-277 Photocell for use with PCR option (208V, 240V, 277V)	122515 ⁸	FK347 Single Fusing (347V)	FK347 ⁹
PC347 Photocell for use with PCR option (347V)	122516 ⁸	ALSC UNV TL5 - AirLink 5 Pin Twist Lock Controller	661409
PC480 Photocell for use with PCR option (480V)	1225180 ⁸	ALSC UNV TL7 - AirLink 7 Pin Twist Lock Controller	661410
FK120 Single Fusing (120V)	FK120 ⁹	PMOS120 - 120V Pole-Mount Occupancy Sensor	518030CLR ¹⁰
FK277 Single Fusing (277V)	FK277 ⁹	PMOS208/240 - 208, 240V Pole-Mount Occupancy Sensor	534239CLR ¹⁰
IMS/PC Remote Configurator Tool	584929	PMOS277 - 277V Pole-Mount Occupancy Sensor	518029CLR ¹⁰
IL - Integral Louver HSS	639915	PMOS480 - 480V Pole-Mount Occupancy Sensor	534240CLR ¹⁰
DFK208, 240 Double Fusing (208V, 240V)	DFK208, 240 ⁹	BKS XBO WM * CLR Wall Mount Bracket	382132CLR

FOOTNOTES:

- 1 - For wireless controls information and accessories, see Controls Section.
- 2 - Requires a Site Manager and override switch. Not compatible with IMS or BLS Option.
- 3 - Not compatible with IMS.
- 4 - Not compatible with DIM, BLS or Wireless Control System.
- 5 - IMS is a Watt Stopper Dual Sensor (Daylight & Motion) which is field adjustable, via a hand held remote Illustrator tool, which must be ordered separately.
- 6 - Photocell must be ordered separately. 7 pin standard. See Accessories.

- 7 - Not available with IMS Option or Wireless Control System
- 8 - Factory installed PCR option required. See Options.
- 9 - Fusing must be located in hand hole of pole.
- 10 - To be used in conjunction with PCM/GCM control modules in fixture. Consult factory.
- 11 - Consult factory.
- 12 - Consult factory for DLC qualification information and lead times.

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