

Modeling #1: 3/20/2019 10:00 AM
Project: 190307-0000
Proposed by: [Redacted] Date: 04/02/19

Mirada Medium - MRM Outdoor LED Area Light

The Mirada sleek design makes it perfectly suited for architectural and commercial applications, while its cost-effective die-cast aluminum housing makes its acquisition cost very competitive. The Mirada offers high performance factory-rotatable silicone optics, a standard CCT, 42,000+ delivered lumens, and is available with integral Atrak™ 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 10° (90° F), 30° (90° F), and 45° (90° F).
- Optical material drive-in yellow is great with age and provides a special light transmission of 95%.
- Zero spillout.
- Available in 5000K, 6000K, 9000K, and 2700K color temperatures per ANSI C78.377. Also available in Precursor Converter Amber, contact factory for availability.
- Minimum CRI of 70. Optional 80 CRI available, contact factory for lead time.
- Integral crown (U) option available for improved beam spot control without impacting spill out performance. See page 5 for more details.

Electrical

- High performance driver features over-voltage, over-temperature, short-circuit and over-temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Lineart Voltage (120-277 VAC Input 50/60 Hz or optional High Voltage 240-277VAC).
- 1.80 Unadjusted Life - 50,000 Hours (See Lumen Maintenance on Page 3)
- Total harmonic distortion < 25%.
- Operating temperature -40°C to +50°C (-40°F to +122°F), 42L lumen leakage rated to +40°C.
- Power Factor > 95.
- Input power stage constant over life.
- Field replaceable surge protection device meets a minimum Category C Line operation (per ANSI/IEEE C62.41.2).
- High efficiency LED's mounted in metal-core circuit board to maximize heat dissipation.
- Terminal block provided accepts up to 12ga wire.
- Components are fully enclosed in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electrical components can easily be accessed.

Product Dimensions

Stand Alone Controls

- The integrated 30-watt LED driver is factory pre-wired and ready to be connected to the following options:
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Warranty

- 5 Year LED Performance or 50,000 hours.

Listings

- UL Listed to UL 1598 and UL 8756
- UL Classified
- American National and International Act Funding Compliant.
- CEA Compliant with 900MHz color temperature selection.
- RoHS 2.0 Compliant; see local ordinance for qualification information.
- Substrate For wet Locations.
- IP66-rated enclosure, IP66-rated optical apparatus.
- CE rated for AEMT in 100-200 high vibration applications.

1.00 Industries, Inc. 13302 Aberdeen Rd., Chesapeake, VA 23042 | www.1i.com | 800-451-3000 | 410-531-0000 | 410-531-0001

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Features & Specifications (Cont.)

Construction

- Die-cast aluminum housing contains factory pre-wired driver and controls unit. Lead wires are factory pre-wired and ready to be connected to the following options:
- Designed to mount to square or round poles.
- Available in 10° (90° F), 30° (90° F), and 45° (90° F) beam spreads.
- IP66 rated silicone refractor optics components from factory.
- 30 tested for AEMT in 100-200 high vibration applications.
- Pre-wired with LS1's DieCast™ polymer powder coat finishing process. The finishing finish withstands extreme weather changes without cracking or peeling. Some exposed to surface available. Contact factory.
- Shipping weight: 30 lbs in carton.

Controls

Wireless Controls System

To make this feature always ready, simply order one of the following options:

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Installation

- A single fastener secures the litig fixture, underneath the housing and provides a way access to the electrical compartment for installation.
- Included hardware includes: quick and easy on-site setup.
- Mounts to 1.5" diameter pole or 2" diameter pole for easy mounting of LED products. (See mounting on page 5)

Performance

ELECTRICAL DATA - PHOTOVOLTAIC CONVERTER (MPP)

Lineart	Beam	5000K	6000K	9000K	2700K	AMPS	WATTS
10°	30"	3.5	3.5	3.5	3.5	1.0	30
30°	30"	3.5	3.5	3.5	3.5	1.0	30
45°	30"	3.5	3.5	3.5	3.5	1.0	30

RECOMMENDED LUMEN MAINTENANCE (1-100)

Beam	5000K	6000K	9000K	2700K
10°	1000	1000	1000	1000
30°	1000	1000	1000	1000
45°	1000	1000	1000	1000

DELIVERED LUMENS*

Lineart	Beam	5000K	6000K	9000K	2700K
10°	30"	42000	42000	42000	42000
30°	30"	42000	42000	42000	42000
45°	30"	42000	42000	42000	42000

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Performance (Cont.)

All published luminaire photometric testing performed to IESNA LM-79 standards. IESNA LM-79 footcandle data below demonstrates the Mirada (MRM) light patterns only. Foot for total fixture output. For complete specifications and IES files, see website.

Ordering Guide

MRM LED 36L SIL FTA UNV DIM 50 70CRI ALSGS04 BRZ IL

Lineart	Beam	5000K	6000K	9000K	2700K
10°	30"	42000	42000	42000	42000
30°	30"	42000	42000	42000	42000
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MIRADA WALL SCENE (XWM)

4.5" x 1.5" x 1.5" (114mm x 38mm x 38mm)

FEATURES

- 4.5" x 1.5" x 1.5" (114mm x 38mm x 38mm)
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Dimensions

Light Output

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30°	30"	42000	42000	42000	42000
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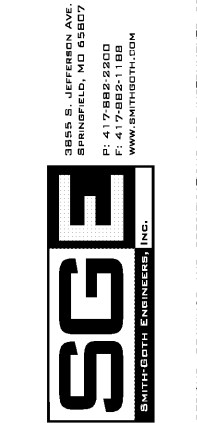
Order Plans @



O'Reilly AUTO PARTS
CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
(417) 862-2674 TELEPHONE

NEW O'REILLY AUTO PARTS STORE
U.S. HWY 84 & N. BROADWAY
ASHFORD, AL

SITE LIGHTING DETAILS



PROJECT NUMBER: AHF
SHEET NUMBER: SP3

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