

Order Plans



Mirada Medium - MRM Outdoor LED Area Light

The Mirada sleek design makes it perfectly suited for architectural or contemporary applications. With its cost-effective die-cast aluminum housing, its acquisition cost is very competitive. The Mirada offers high performance factory-calibrated silicone optics, 5 standard CCTs, 42,000+ delivered lumens, and is available with Integral Arlink™ Wireless Controls.

Features & Specifications

Optical System

- State-of-the-art one piece silicone optic shell delivers industry leading optical control with an integrated gasket to provide IP66 rated sealed optical chamber in 1 component.
- Proprietary silicone reflector optic provide exceptional coverage and uniformity at 85 Types 2, 3, 5M, FT and FA.
- Silicone optical material does not yellow or crack with age and provides a typical light transmission of 90%.
- Zero uplight.
- Available in 5000K, 4000K, 3000K, and 2700K color temperatures per ANSI C12.27. Also available as Phosor coated amber, constant factory for visibility.
- Maximum CRI of 70. Optional AR CR1 available, constant factory for best beam.
- Integral Lensar (L) option available for improved back-light control without sacrificing street side performance. See page 5 for more details.

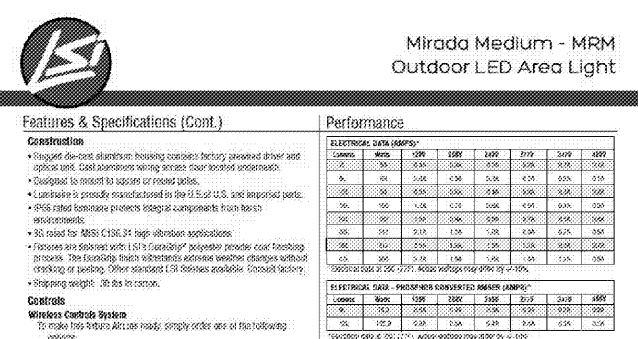
Electrical

- High-performance active features over-voltage, under-voltage, short-circuit and over-temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard universal voltage (120-277 VAC) input F500 1W or optional High Voltage (347-480 VAC).
- 120V Capacitor Class 1 100K Hours (See Luminaire Maintenance on Page 5)
- Total harmonic distortion < 20%
- Operating temperature -40°C to +50°C (-40°F to +122°F), 42L burner package rated to +60°C.
- Power factor > 0.99
- Input power stays 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 direct beam to maximize heat conduction.
- Terminal block protected accepts up to 18ga wire.
- Components are fully enclosed in potting material for moisture resistance. Drive compatible with F50 standard. Drive and key electrical components can easily be accessed.

Product Dimensions

Warranty

- 5 Year LED Warranty with 5-year warranty.
- 5 Year LED Warranty with 5-year warranty.



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Features & Specifications (Cont.)

Construction

- Die-cast aluminum housing construction provides a smooth finish and optimum heat dissipation.
- Designed to meet UL listing and other safety standards.
- Constructed to provide maximum protection from dust and moisture.
- 5000, 4000, 3000, and 2700K color temperatures per ANSI C12.27. Also available as Phosor coated amber, constant factory for visibility.
- Maximum CRI of 70. Optional AR CR1 available, constant factory for best beam.
- Integral Lensar (L) option available for improved back-light control without sacrificing street side performance. See page 5 for more details.

Controls

Wireless Control System

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

- The integrated Wireless Control System (WCS) is a 24-hour on/off control system.
- The 7-Fin Phosor-Coated Control System (PCS) is the control system, and either the 2-Fin or 3-Fin Phosor-Coated Control System (PCS) is an accessory.

Standard-Alum Controls

- A single fastener secures the ringed disc, secures the bearing and provides quick & easy access to the electrical compartment for installation and wiring.
- Standard terminal block provides quick and easy on-site wiring.
- Utilize LSI's standard 0-10V dimming for easy installation of LSI products. (See drawing on page 1)

Warranty

- 5 Year LED Warranty with 5-year warranty.

Listings

- UL Listed to UL 1609 and UL 818.
- ETL Listed.
- American Electrical and Thermal Protection Act Compliant.
- UL Listed with 100,000 hour life expectancy.
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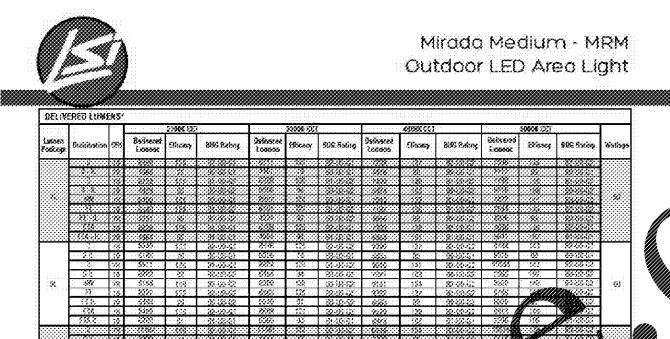
Performance

ELECTRICAL DATA - STANDARD CONFIGURATION (WCS)

Color	Watts	1000	2000	3000	4000	5000
5000K	100	100	100	100	100	100
4000K	100	100	100	100	100	100
3000K	100	100	100	100	100	100
2700K	100	100	100	100	100	100

RECOMMENDED LUMEN MAINTENANCE (WCS)

Area	1000'	2000'	3000'	4000'	5000'
1000'	1000'	1000'	1000'	1000'	1000'
2000'	1000'	1000'	1000'	1000'	1000'
3000'	1000'	1000'	1000'	1000'	1000'
4000'	1000'	1000'	1000'	1000'	1000'
5000'	1000'	1000'	1000'	1000'	1000'



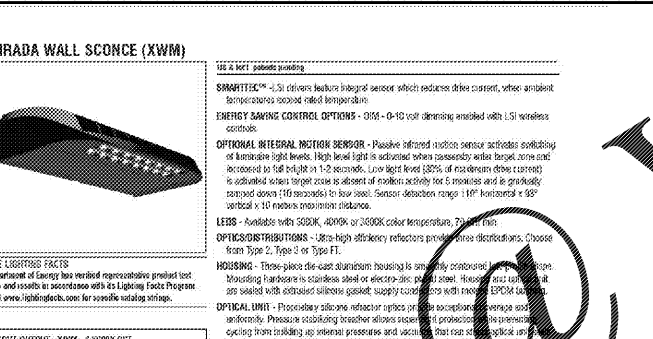
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DELIVERED LUMENS*

Color	Watts	1000'	2000'	3000'	4000'	5000'
5000K	100	1000'	1000'	1000'	1000'	1000'
4000K	100	1000'	1000'	1000'	1000'	1000'
3000K	100	1000'	1000'	1000'	1000'	1000'
2700K	100	1000'	1000'	1000'	1000'	1000'

RECOMMENDED LUMEN MAINTENANCE (WCS)

Area	1000'	2000'	3000'	4000'	5000'
1000'	1000'	1000'	1000'	1000'	1000'
2000'	1000'	1000'	1000'	1000'	1000'
3000'	1000'	1000'	1000'	1000'	1000'
4000'	1000'	1000'	1000'	1000'	1000'
5000'	1000'	1000'	1000'	1000'	1000'



MIRADA WALL SCONCE (KWM)

Smart™ - LSI drivers feature integral sensor which reduces drive current, when ambient temperatures exceed rated temperature.

ENERGY SAVING CONTROL OPTIONS - 0-10V - 0-10V dimming, available with LSI wireless controls.

OPTICAL INTEGRAL INCH SENSOR - Passive infrared motion sensor activates switching of luminaire light level. Light level is activated when sensor detects motion and increases to full level in 1-2 seconds. Low light level (20% of maximum drive current) is activated when target zone is absent of motion activity for 2 minutes and is gradually lowered down (10 seconds) to low level. Sensor detection range is 180° horizontal x 90° vertical x 10 meters maximum distance.

LEDS - Available with 5000K, 4000K, or 3000K color temperature. 7000lm per 10W.

OPTICS CONTRIBUTIONS - Ultra-high efficiency reflectors provide precise distributions. Choose from Type 2, Type 3 or Type FT.

HOUSING - Three piece die-cast aluminum housing in anodized aluminum. Housing features a standard seal or electro-plate seal. Housing is cast with all air sealed with adhesive silicone gasket, supply components with IP66 protection.

OPTICAL UNIT - Proprietary silicone reflector optic of clear acceptance coverage and uniformity. Precision switching bracket allows rapid installation and removal. Gasketing from casting to reduce pressure and secure the optical unit.

WALL MOUNTING - Changeable dual universal wall mount. Mounting bracket is designed to fit diagonal or square junction box. EPDM gasket is supplied with mounting bracket. Mounting section has fasteners of stainless steel. Mounting plate permits field installation on a variety of wall surfaces. Mounting position. Optimal hole size and location. Mounting section is standard. (See drawing on page 1)

ELECTRICAL - 7000lm per 10W. (Including separate surge protection device.)

POWER - Available in standard, standard. Components are fully enclosed in potting material for moisture resistance. Components are fully enclosed in potting material. Other can be easily accessed.

EMERGENCY OPTION - Integral emergency battery back-up option is available. (See drawing on page 1)

OPERATING TEMPERATURE - -40°C to +50°C (-40°F to +122°F)

FINISH - Housing is finished with LSI's Duraflex™ polyester powder coat finishing process. The Duraflex finish withstands extreme weather changes without cracking or peeling.

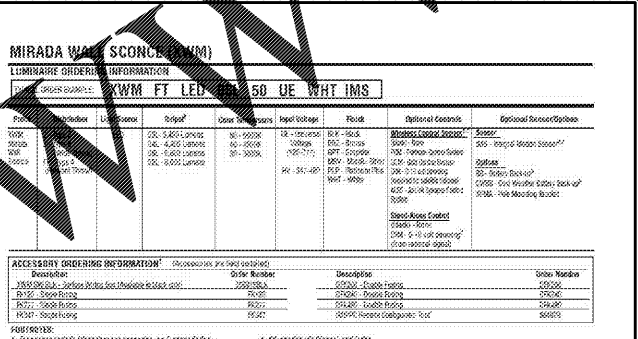
WARRANTY - LSI LED fixtures carry a limited 5-year warranty.

PHOTOMETRICS - Please visit our web site at www.lsi.com for detailed photometric data.

SHIPPING WEIGHT (in cartons) - 50 lbs / 13 kg

LISTING - UL listed to ANSI/IEEE 1588, UL 3750 and other UL and international safety standards. Suitable for use in 90°/180° applications. Please consult factory for your specific requirements.

IP66 **CE** **ARRA** **FC**



MIRADA WALL SCONCE (KWM)

LUMINAIRE ORDER INFORMATION

Color: 5000K, 4000K, 3000K, 2700K, Amber

Optical Type: Type 2, Type 3, Type FT

Power: 10W, 20W, 30W, 40W, 50W

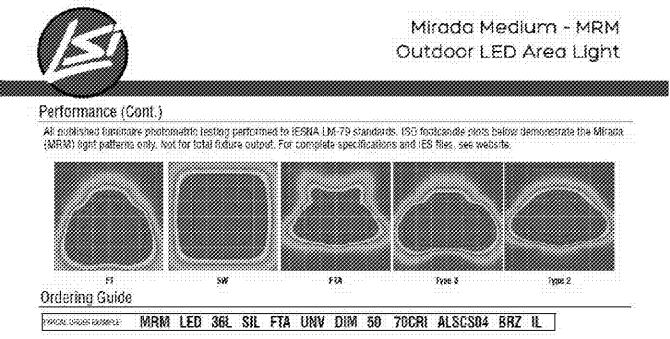
Mounting: Standard, Square, Diagonal

Finish: Standard, Electro-plate

Material: Aluminum

Dimensions: 2.4" (61mm) x 2.4" (61mm) x 3.5" (89mm)

Weight: 5.0 lbs (2.3 kg)



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Performance (Cont.)

All published luminance photometric test data performed to IESNA LM-79 standards. (57 footcandle data below demonstrates the Mirada (MRM) light patterns only. Not for total fixture output. For complete specifications and ES file, see web site.)

Ordering Guide

Product Order Example: **MRM LED 36L SIL FTA UNV DIM 50 70CRI ALCS04 BRZ TL**

Color	Watts	1000'	2000'	3000'	4000'	5000'
5000K	100	1000'	1000'	1000'	1000'	1000'
4000K	100	1000'	1000'	1000'	1000'	1000'
3000K	100	1000'	1000'	1000'	1000'	1000'
2700K	100	1000'	1000'	1000'	1000'	1000'

Project Name: _____ Fixture Type: _____

Design #: _____ Date: _____

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Project Name: _____ Fixture Type: _____

Design #: _____ Date: _____

Lib: 80327883.04

Project Name: _____ Fixture Type: _____

Design #: _____ Date: _____

Lib: 80327883.04

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