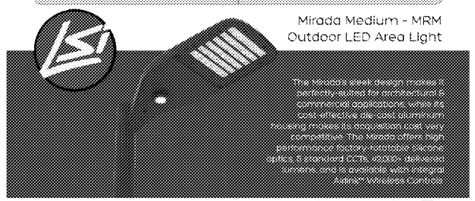
Order Plans @ WWW.LDILine.com

Catalog #:	Project:
Prepared by:	Date:



Mirada Medium - MRM
Outdoor LED Area Light

The Mirada's sleek design makes it perfectly-suited for contemporary & commercial applications, while its cost-effective die-cast aluminum housing makes it a reputation-cast, very competitive. The Mirada offers high performance optics, extendable electrical options, 8 standard CCTs, 40,000+ delivered lumens, and is available with integral Ashlite Wireless controls.

Features & Specifications

Optical System

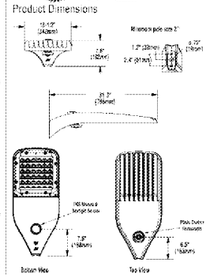
- Made of 6063-T6 aluminum extrusion and die-cast end caps with tool-less entry. Housing is IP66 rated for wet locations and has a 1 piece silicone gasket to ensure IP66 rated sealed optical chamber to LED power supply.
- Proprietary reflector optics are precisely engineered to provide optimal performance and uniformity. IES Types 2, 3 MV, 5W, T5, and T5LG.
- Electronic control: Multi-tap Class 2 electronic driver with 0-10V dimming down to 5% typical light level. Power Factor >90%.
- Zero uplight.
- Available in 3000K, 4000K, 5000K, and 5700K color temperatures per ANSI C78.377. Also available in RGBW color for control with Philips Hue® or Bluetooth.
- Minimum CRI of 70.
- Integral Level Light emitted assembled for minimized backlight, glare and wasted lumens to meet dark sky performance. See page 5 for more details.

Electrical

- Multi-volt input voltage driver for either low-voltage, 120V-277V, or high-voltage, 347V-480V, field selectable. Also available in 120V-277V, 50/60Hz input voltage and 347V-480V input voltage.
- 0-10V Dimmable down to <1.5% Power. See Lumen Maintenance on Page 3.
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 40% Relative Humidity at 50°C.
- Power factor: >.90
- Input power drops constant over life.
- Field replaceable surge protection device meets a minimum Category C Low exposure per ANSI/IEEE C62.41.2.
- Rigid mounting LED modules ensure long-term dependable performance over the product life.
- Terminal block provides connections to 10GA wire.
- Components are fully encased in potting material for moisture resistance. Driver compliant with IP66 electrical. Driver and low-voltage wire separated and cable tie protected.

IP66 · RoHS · ARRA · cULus Listed · USA

Product Dimensions



CAPITOL LIGHT	Client:	Prepared By/Phone/Email:
	Fixture Mounting/Finish:	Date:
	Cat #: MRM-LED-[26L-35L-FT5-40-70CRI-A...	

Type: A

Mirada Medium - MRM
Outdoor LED Area Light

Features & Specifications (Cont.)

Construction

- Rugged die-cast aluminum housing. Luminaire factory assembled for tool-less optical entry. Cast aluminum arm and external hardware.
- Housing and arm finish available in multi colors.
- Optional 5 year LED manufacturer limited warranty and limited finish warranty.
- Field repairable to individual module components if luminaire ever fails.
- Tested for ANSI C136.31 high vibration applications.
- Meets requirements of LM-79 for IESNA photometric testing performed by Intertek ETL SEMKO, a NVLAP accredited laboratory. Photometric data is based on actual luminaire tested.
- Shipping weight: 38 lbs in carton.

Controls

Wireless Controls System:

Ashlite Wireless Controls System

1. Install this fixture factory ordered with one of the following options:
   a. Pre-integrated Wireless Occupancy Sensor: NLSEN or NLSEN-P (see ordering guide for compatible options), or
   b. Pre-integrated Wireless Outdoor Sensor: NLSEN-OD or NLSEN-OD-P (see ordering guide for compatible options), or
   c. The Pre-Programmed Control Package (PCP) as the common control and gateway for your Ashlite Wireless System. Select factory installed options by selecting PCP in the ordering guide.
2. Download the Ashlite Wireless App from the Apple® App Store® or Google Play™ store.
3. Commission your Ashlite Wireless System using the Ashlite Wireless App. Refer to the Ashlite Wireless Commissioning Guide for detailed instructions. Additional support documentation can be found on the Ashlite Wireless website: ashlitewireless.com/support.

Please see the complete list of Ashlite Wireless App features at ashlitewireless.com.

Bluetooth Only Controls

- The integral wireless occupancy sensor (WSE) activates overhead or luminaire light levels, per the controls selected. Ideal for indoor applications.
- The Fixture Only (FO) option is factory installed with a Bluetooth® 5.0 RF transceiver for smart app wireless control of luminaire dimming levels.
- The Bottom Tube Photocell (PE) has a capable and factory calibrated photocell for dusk to dawn operation and daylight harvesting. Luminaire dims or turns off in response to the presence or absence of daylight.

Installation

- A hanger bar on each end of the luminaire helps with mounting and provides quick & easy access to the electrical compartment for installation and servicing.
- Included terminal block provides quick and easy connections.
- Universal tool-less mounting. Fits most round poles 3" to 12" diameter. Also fits square poles with an optional square pole mounting adapter.

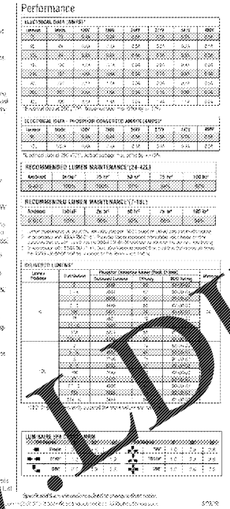
Warranty

- 5 year limited warranty. See www.lsi-industries.com/warranty for complete warranty terms.

Listings

- Meets UL 1598 and UL 8750
- ENERGY STAR® rated
- American Recovery and Reinvestment Act Buy American Compliant
- DLC compliant with 5000K color temperature selection
- Title 24 compliant. See www.lsi-industries.com/title24 for more information
- Suitable for wet locations
- IP66 dust-tight and water-tight sealing
- Rated for -40°C to +50°C ambient temperature
- Designed to withstand 3G vibration per ANSI C136.31

Performance



ELECTRICAL DATA (347V)*							
Lumens	3000K	4000K	5000K	5700K	347V	480V	60HZ
7K	n/a	n/a	n/a	7,217	0.07	0.05	0.05
10K	n/a	n/a	n/a	9,623	0.09	0.07	0.07
13K	n/a	n/a	n/a	12,030	0.12	0.09	0.09
15K	n/a	n/a	n/a	14,436	0.14	0.10	0.10
20K	n/a	n/a	n/a	19,248	0.18	0.14	0.14
25K	n/a	n/a	n/a	24,060	0.23	0.17	0.17
30K	n/a	n/a	n/a	28,872	0.27	0.20	0.20
35K	n/a	n/a	n/a	33,684	0.32	0.24	0.24
40K	n/a	n/a	n/a	38,496	0.36	0.27	0.27

ELECTRICAL DATA - PHOTOPIC CONSISTENT AMBIENT LUMENS*							
Lumens	3000K	4000K	5000K	5700K	347V	480V	60HZ
7K	5,965	6,506	6,506	6,506	0.06	0.04	0.04
10K	8,523	9,294	9,294	9,294	0.08	0.06	0.06
13K	11,080	12,083	12,083	12,083	0.11	0.08	0.08
15K	12,788	13,941	13,941	13,941	0.13	0.09	0.09
20K	17,050	18,588	18,588	18,588	0.16	0.12	0.12
25K	21,313	23,235	23,235	23,235	0.20	0.15	0.15
30K	25,575	27,882	27,882	27,882	0.24	0.18	0.18
35K	29,838	32,529	32,529	32,529	0.28	0.21	0.21
40K	34,100	37,176	37,176	37,176	0.32	0.24	0.24

*Photopic values at 25°C (77°F). Actual wattage may differ by ±10%.

RECOMMENDED LUMEN MAINTENANCE (TA 42°)				
Ambient	25,000 hr	50,000 hr	75,000 hr	100,000 hr
25°C/77°F	100%	100%	100%	100%

RECOMMENDED LUMEN MAINTENANCE (TA 50°)				
Ambient	25,000 hr	50,000 hr	75,000 hr	100,000 hr
25°C/77°F	100%	100%	100%	100%

Lumen maintenance projections are based on accepted industry standard practices and in accordance with ES-LM-84 and TM-21. Projections are based on results from in-situ luminaire testing. Actual performance may differ. Contact LSI for more information.

Electrical Load

Fixture Count	Fixture Selector Name (Pack Qty)	120V	208V	240V	277V	347V	480V
1		0.09	0.05	0.04	0.04	0.03	0.02
2		0.18	0.10	0.08	0.07	0.05	0.04
3		0.27	0.15	0.12	0.11	0.08	0.06
4		0.36	0.20	0.16	0.14	0.11	0.08
5		0.45	0.25	0.20	0.18	0.13	0.10
6		0.54	0.30	0.24	0.21	0.16	0.12
7		0.63	0.35	0.28	0.25	0.19	0.14
8		0.72	0.40	0.32	0.28	0.21	0.16
9		0.81	0.45	0.36	0.32	0.24	0.18
10		0.90	0.50	0.40	0.35	0.27	0.20

Line Amps (A)

Fixture Count	Fixture Selector Name (Pack Qty)	120V	208V	240V	277V	347V	480V
1		0.8	0.5	0.4	0.3	0.3	0.2
2		1.5	0.9	0.8	0.7	0.5	0.4
3		2.3	1.4	1.2	1.0	0.8	0.6
4		3.0	1.8	1.5	1.3	1.0	0.8
5		3.8	2.3	1.9	1.7	1.3	1.0
6		4.5	2.7	2.3	2.0	1.6	1.1
7		5.3	3.2	2.7	2.3	1.8	1.3
8		6.0	3.6	3.1	2.7	2.1	1.5
9		6.8	4.1	3.4	3.0	2.3	1.7
10		7.5	4.5	3.8	3.3	2.6	1.9

Specifications and data are subject to change without notice.

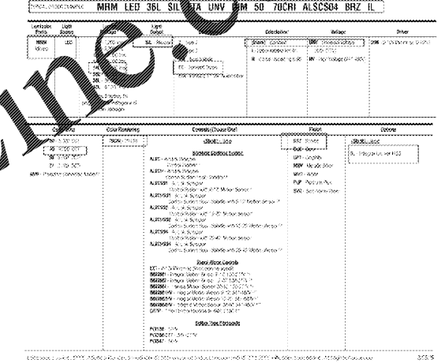
Mirada Medium - MRM
Outdoor LED Area Light

Performance (Cont.)

All published photometric testing performed to IESNA LM-79 standards. ISO candlepower plots (cp) demonstrate the Mirada (MRM) light pattern(s) only. Not for total fixture output. For complete specifications and IES files, see www.lsi-industries.com.

Ordering Guide

Product Configurator	MRM	LED	35L	SILVER	UNV	5W	50	70CRI	ALSCS04	BRZ	IL



CAPITOL LIGHT	Client:	Prepared By/Phone/Email:
	Fixture Mounting/Finish:	Date: Cat #:

Type: A

ARCVISION INCORPORATED
ARCHITECTURE • ENGINEERING • STORE PLANNING
SAINT LOUIS / DALLAS / LAS VEGAS / ORLANDO
1950 CRAG ROAD, SUITE 300 ST. LOUIS, MO 63146
PH. (314) 415-2400 FAX (314) 415-2300 www.arcv.com

△
△
△
△

CONTRACT DATE: 11/17/20
BUILDING TYPE: ENDEAVOR MED 40
PLAN VERSION: SEPT 2020
BRAND DESIGNER: 200109
SITE NUMBER: 297222
STORE NUMBER: 003717
ARCVISION: 200188

TACO BELL
6151 HWY 278 NW
COVINGTON, GA 30014

TACO BELL
ENDEAVOR
"GO MOBILE"

EXTERIOR LIGHTING CUT-SHEETS

E1.2

J:\Taco Bell\2001BB_Drawings\2001BB_E1_2.dwg, 11/17/2020 3:19:10 PM, AcroPlotTemp10206.pc3