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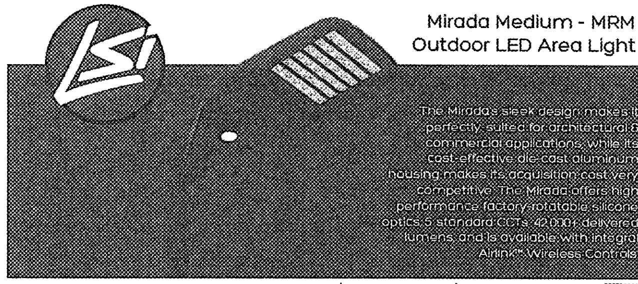
Catalog # : MRM LED 18L SIL FT UNV DIM 50 80CRI BRZ IL	Project : O'Reilly Auto Parts
Prepared By : Graybar	Date : 8/24/2018

Mirada Medium - MRM
Outdoor LED Area Light



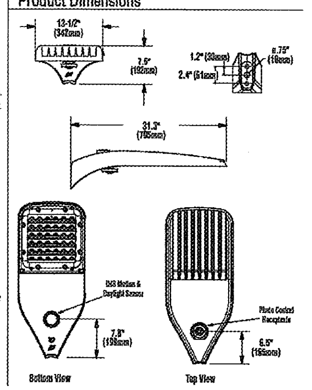
Features & Specifications

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, FT and FTA.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K, 3000K, and 2700K color temperatures per ANSI C78.377. Also available in Phosphor Converted Amber, consult factory for availability.
- Minimum CRI of 70. Optional 80 CRI 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).
- L80 Calculated Life: >100k Hours (See Lumen Maintenance on Page 3)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 42L lumen package rated to +40°C.
- 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.

IP66 RoHS COMPLIANT ARRA Funding Compliant UL LISTED USA

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 square or round poles.
- Luminaire is proudly manufactured in the U.S.of U.S. and imported parts.
- 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: 30 lbs in carton.

Controls
Wireless Controls System
To make this fixture AirLink ready, simply order one of the following options:
a. The integrated Wireless Lighting Controller: ALSC or ALSCH (see ordering guide) as the controls option, or
b. Integrated Wireless Controller option (above) with integrated motion sensor: ALSCS (ordering guide for mounting heights) or
c. The 7-Pin Photoelectric Control Receptacle: CR7P as the controls option; and either the 5-Pin or 7-Pin Twist Lock Controller: ALSC UNV TL5 or ALSC UNV TL7 as an accessory

To see how the components of AirLink system work together, reference the diagram in the controls section of this specsheet. For more information on our AirLink products, visit our website: www.lsi-airlink.com/airlink-synapse/

Stand-Alone Controls
- The integral passive infrared motion sensor (IMS) activates switching of luminaire light levels (see the controls section for more details).
- The 7-pin ANSI C136.41-2013 photocontrol receptacle option (CR7P) is available for twist lock photocontrols or wireless control modules.
- The Button Type Photocells (PCI) are capable of switching luminaires ON/OFF in response to the amount of available daylight.

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.
- American Recovery and Reinvestment Act Funding Compliant.
- IDA compliant; with 3000K color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable For wet Locations.
- IP66 rated Luminaire. IP66 rated optical chamber.
- 3G rated for ANSI C136.31 high vibration applications

Performance

ELECTRICAL DATA (AMPS)*

Lumens	Watts	120V	208V	240V	277V	347V	480V
7L	53	0.4A	0.3A	0.2A	0.2A	0.2A	0.1A
9L	60	0.6A	0.3A	0.3A	0.2A	0.2A	0.1A
12L	84	0.8A	0.5A	0.4A	0.3A	0.3A	0.2A
18L	150	1.2A	0.7A	0.6A	0.5A	0.4A	0.3A
24L	187	1.6A	0.9A	0.8A	0.7A	0.5A	0.4A
30L	247	2.1A	1.2A	1.0A	0.9A	0.7A	0.5A
36L	317	2.6A	1.5A	1.3A	1.1A	0.9A	0.7A
42L	390	3.2A	1.9A	1.6A	1.4A	1.1A	0.8A

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

ELECTRICAL DATA - PHOSPHOR CONVERTED AMBER (AMPS)*

Lumens	Watts	120V	208V	240V	277V	347V	480V
9L	74.3	0.6A	0.4A	0.5A	0.3A	0.2A	0.2A
12L	102.9	0.8A	0.5A	0.4A	0.4A	0.3A	0.2A

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

RECOMMENDED LUMEN MAINTENANCE[1] (24-42L)

Ambient	Initial[2]	25 hr[2]	50 hr[2]	75 hr[3]	100 hr[3]
0-40 C	100%	100%	97%	94%	92%

RECOMMENDED LUMEN MAINTENANCE[1] (7-18L)

Ambient	Initial[2]	25 hr[2]	50 hr[2]	75 hr[3]	100 hr[3]
0-50 C	100%	96%	92%	88%	84%

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

DELIVERED LUMENS*

Lumen Package	Distribution	Phosphor Converted Amber Delivered Lumens	Efficacy	BUG Rating	Wattage
9L	2	5949	80	B0-U0-G2	74
	2 - IL	3644	50	B0-U0-G1	
	3	6012	81	B1-U0-G2	
	3 - IL	4458	61	B0-U0-G2	
	5W	5571	74	B3-U0-G1	
	FT	5901	79	B1-U0-G2	
	FT - IL	3659	50	B0-U0-G2	
	FTA	5924	81	B1-U0-G1	
	FTA - IL	4343	58	B1-U0-G1	
12L	2	7530	74	B2-U0-G2	102
	2 - IL	4692	46	B0-U0-G1	
	3	7749	76	B1-U0-G2	
	3 - IL	5753	57	B0-U0-G2	
	5W	7045	69	B3-U0-G2	
	FT	7490	73	B2-U0-G2	
	FT - IL	4659	46	B0-U0-G2	
	FTA	7629	75	B2-U0-G2	
	FTA - IL	5464	54	B1-U0-G1	

*LED Chips are frequently updated therefore values are nominal

LUMINAIRE EPA CHART - MRM

Configuration	EPA
Single	0.5
D180°	1.1
D90°	0.9
T90°	1.9
TN120°	1.9
Q90°	2.1

Specifications and dimensions subject to change without notice.
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DELIVERED LUMENS*

Lumen Package	Distribution	CRI	2700K CCT Delivered Lumens	2700K Efficacy	2700K BUG Rating	3000K CCT Delivered Lumens	3000K Efficacy	3000K BUG Rating	4000K CCT Delivered Lumens	4000K Efficacy	4000K BUG Rating	5000K CCT Delivered Lumens	5000K Efficacy	5000K BUG Rating	Wattage
7L	2	70	6558	123	B2-U0-G1	6711	122	B2-U0-G1	7209	137	B2-U0-G2	7556	143	B2-U0-G2	53
	2 - IL	70	4068	77	B0-U0-G1	4167	79	B0-U0-G1	4476	85	B0-U0-G1	4717	89	B0-U0-G1	
	3	70	6224	117	B1-U0-G2	6883	130	B1-U0-G2	7400	140	B1-U0-G2	7798	148	B1-U0-G2	
	3 - IL	70	4959	93	B0-U0-G2	5060	96	B0-U0-G2	5424	103	B0-U0-G2	5716	108	B0-U0-G2	
	5W	70	6560	124	B3-U0-G1	6667	126	B3-U0-G1	7049	133	B3-U0-G2	7422	141	B3-U0-G2	
	FT	70	6540	124	B1-U0-G2	6761	127	B1-U0-G2	7197	135	B1-U0-G2	7565	143	B2-U0-G2	
	FT - IL	70	4231	80	B0-U0-G2	4324	82	B0-U0-G2	4656	88	B0-U0-G2	4909	93	B0-U0-G2	
	FTA	70	6668	126	B1-U0-G1	6798	129	B2-U0-G1	7303	138	B2-U0-G1	7676	146	B2-U0-G1	
	FTA - IL	70	4564	86	B1-U0-G1	4984	94	B1-U0-G1	5363	101	B1-U0-G1	5641	107	B1-U0-G1	
9L	2	70	8339	122	B2-U0-G2	8578	125	B2-U0-G2	9096	137	B2-U0-G2	9784	143	B2-U0-G2	60
	2 IL	70	5183	76	B0-U0-G1	5326	78	B0-U0-G1	5835	85	B0-U0-G1	6076	89	B0-U0-G1	
	3	70	8571	125	B1-U0-G2	8804	129	B1-U0-G2	9649	141	B2-U0-G2	10044	147	B2-U0-G2	
	3 IL	70	6283	92	B0-U0-G2	6454	94	B0-U0-G2	7071	103	B0-U0-G2	7363	107	B0-U0-G2	
	5W	70	8158	119	B3-U0-G2	8380	122	B3-U0-G2	9161	134	B3-U0-G2	9560	140	B4-U0-G2	
	FT	70	8337	122	B2-U0-G2	8563	125	B2-U0-G2	9382	137	B2-U0-G2	9769	143	B2-U0-G2	
	FT IL	70	5393	79	B0-U0-G2	5540	81	B0-U0-G2	6069	89	B0-U0-G2	6320	92	B0-U0-G2	
	FTA	70	8459	123	B2-U0-G2	8688	127	B2-U0-G2	9520	139	B2-U0-G2	9913	145	B2-U0-G2	
	FTA IL	70	6200	91	B1-U0-G1	6369	93	B1-U0-G1	6978	102	B1-U0-G1	7266	106	B1-U0-G1	
12L	2	70	11187	119	B2-U0-G2	11981	122	B2-U0-G2	12556	134	B3-U0-G2	13376	[illegible]	[illegible]	84
	2 IL	70	6922	74	B1-U0-G1	7197	76	B1-U0-G1	7799	83	B1-U0-G1	8119	[illegible]	[illegible]	
	3	70	11454	122	B1-U0-G2	11768	125	B1-U0-G2	12899	137	B2-U0-G2	13423	[illegible]	B2-U0-G2	
	3 IL	70	8396	89	B0-U0-G2	8625	92	B0-U0-G2	9449	101	B0-U0-G2	9839	[illegible]	B0-U0-G2	
	5W	70	10920	116	B4-U0-G2	11180	119	B4-U0-G2	12259	131	B4-U0-G2	[illegible]	[illegible]	B4-U0-G2	
	FT	70	11181	119	B2-U0-G2	11444	122	B2-U0-G2	12539	133	B2-U0-G2	[illegible]	[illegible]	B2-U0-G2	
	FT IL	70	7207	77	B0-U0-G2	7403	79	B0-U0-G2	8110	86	[illegible]	8445	[illegible]	B0-U0-G2	
	FTA	70	11304	120	B2-U0-G2	11612	124	B2-U0-G2	12722	135	[illegible]	13247	141	[illegible]	
	FTA IL	70	8286	88	B1-U0-G1	8511	91	B1-U0-G1	9325	99	[illegible]	9710	103	[illegible]	
18L	2	70	16714	112	B3-U0-G3	17168	115	B3-U0-G3	18809	126	[illegible]	19586	131	B3-U0-G3	150
	2 IL	70	10379	69	B1-U0-G2	10662	71	B1-U0-G2	11681	78	[illegible]	12163	[illegible]	B1-U0-G2	
	3	70	17158	115	B2-U0-G3	17625	118	B2-U0-G3	19310	129	[illegible]	20107	134	B3-U0-G3	
	3 IL	70	12578	84	B1-U0-G3	12920	86	B1-U0-G3	[illegible]	95	B1-U0-G3	[illegible]	98	B1-U0-G3	
	5W	70	15331	103	B4-U0-G2	16776	112	B4-U0-G2	18379	123	B4-U0-G2	[illegible]	128	B5-U0-G3	
	FT	70	16699	112	B3-U0-G3	17143	115	B3-U0-G3	18784	126	B3-U0-G4	19557	131	B3-U0-G4	
	FT IL	70	10795	72	B1-U0-G2	11089	74	B1-U0-G2	[illegible]	81	[illegible]	12651	85	B1-U0-G3	
	FTA	70	16934	113	B3-U0-G3	17395	116	B3-U0-G3	[illegible]	127	[illegible]	19844	133	B3-U0-G3	
	FTA IL	70	12412	83	[illegible]	12750	[illegible]	[illegible]	[illegible]	93	B1-U0-G2	14546	97	B1-U0-G2	
24L	2	70	[illegible]	112	[illegible]	27761	[illegible]	[illegible]	[illegible]	[illegible]	B4-U0-G3	[illegible]	133	B4-U0-G3	187
	2 IL	70	[illegible]	79	B1-U0-G2	[illegible]	76	[illegible]	[illegible]	[illegible]	B1-U0-G2	[illegible]	83	B1-U0-G2	
	3	70	[illegible]	116	B3-U0-G3	[illegible]	[illegible]	[illegible]	[illegible]	136	B3-U0-G4	25804	138	B3-U0-G4	
	3 IL	70	16822	85	B1-U0-G3	17269	[illegible]	[illegible]	[illegible]	98	B1-U0-G3	[illegible]	100	B1-U0-G4	
	5W	70	[illegible]	118	[illegible]	22432	[illegible]	[illegible]	[illegible]	132	B5-U0-G3	[illegible]	131	B5-U0-G3	
	FT	70	21611	115	B3-U0-G3	[illegible]	[illegible]	[illegible]	25126	134	B3-U0-G4	25652	137	B3-U0-G4	
	FT IL	70	[illegible]	75	B1-U0-G3	[illegible]	[illegible]	B1-U0-G3	[illegible]	85	B1-U0-G3	16282	87	B1-U0-G3	
	FTA	70	[illegible]	115	B3-U0-G3	[illegible]	125	B3-U0-G4	23992	134	B3-U0-G3	25515	138	B3-U0-G3	
	FTA IL	70	[illegible]	81	B1-U0-G2	[illegible]	85	B1-U0-G2	17703	96	B1-U0-G2	18072	97	B2-U0-G2	
30L	2	70	[illegible]	109	B4-U0-G3	[illegible]	117	B4-U0-G3	30005	125	B4-U0-G3	31551	128	B4-U0-G3	247
	2 IL	70	[illegible]	69	B1-U0-G2	[illegible]	73	B1-U0-G2	19393	79	B1-U0-G2	19756	80	B1-U0-G2	
	3	70	[illegible]	112	B3-U0-G4	30089	122	B3-U0-G4	32176	130	B3-U0-G4	32890	133	B3-U0-G4	
	3 IL	70	[illegible]	82	B1-U0-G4	21968	89	B1-U0-G4	23428	95	B1-U0-G4	23918	97	B1-U0-G4	
	5W	70	26256	[illegible]	[illegible]	28557	116	B5-U0-G3	30538	124	B5-U0-G4	31177	126	B5-U0-G4	
	FT	70	27512	[illegible]	[illegible]	30012	121	B3-U0-G4	31967	130	B3-U0-G4	32595	132	B3-U0-G5	
	FT IL	70	17430	[illegible]	B1-U0-G3	19051	77	B1-U0-G4	20286	82	B1-U0-G4	20690	84	B1-U0-G4	
	FTA	70	27369	[illegible]	B3-U0-G3	29752	120	B4-U0-G3	31816	129	B4-U0-G3	32482	132	B4-U0-G3	
	FTA IL	70	19384	78	B2-U0-G2	21075	85	B2-U0-G2	22537	91	B2-U0-G2	23008	93	B2-U0-G2	
36L	2	70	[illegible]	102	B4-U0-G3	35026	111	B4-U0-G3	37462	118	B4-U0-G3	38236	121	B4-U0-G4	317
	2 IL	70	[illegible]	64	B1-U0-G2	21975	69	B1-U0-G3	23409	74	B2-U0-G3	23091	76	B2-U0-G3	
	3	70	[illegible]	106	B3-U0-G4	36280	116	B3-U0-G5	38686	123	B3-U0-G5	39012	126	B3-U0-G5	
	3 IL	70	[illegible]	77	B1-U0-G4	25551	81	B1-U0-G4	28209	90	B1-U0-G4	28687	92	B1-U0-G5	
	5W	70	[illegible]	101	B5-U0-G4	33662	109	B5-U0-G4	37210	117	B5-U0-G4	37725	119	B5-U0-G4	
	FT	70	33348	105	B3-U0-G5	36261	114	B3-U0-G5	39766	122	B4-U0-G5	39577	125	B4-U0-G5	
	FT IL	70	21405	67	B1-U0-G4	23968	73	B1-U0-G4	25639	77	B1-U0-G4	26015	77	B1-U0-G4	
	FTA	70	33161	105	B4-U0-G5	36092	114	B4-U0-G4	38695	122	B4-U0-G4	39398	124	B4-U0-G5	
	FTA IL	70	23362	74	B2-U0-G2	25541	81	B2-U0-G2	27313	86	B2-U0-G2	27885	88	B2-U0-G2	
42L	2	70	35785	91	B4-U0-G3	39094	100	B5-U0-G4	42758	110	B5-U0-G4	43662	112	B5-U0-G4	390
	2 IL	70	23079	59	B1-U0-G3	25093	64	B2-U0-G3	26833	69	B2-U0-G3	27395	70	B2-U0-G3	
	3	70	38299	98	B3-U0-G5	41640	107	B4-U0-G5	44528	114	B4-U0-G5	45460	117	B4-U0-G5	
	3 IL	70	27896	72	B1-U0-G4	30319	78	B1-U0-G5	32422	83	B1-U0-G5	33100	85	B1-U0-G5	
	5W	70	36349	93	B5-U0-G4	39520	101	B5-U0-G4	42261	108	B5-U0-G4	43145	111	B5-U0-G4	
	FT	70	38073	98	B4-U0-G5	41395	106	B4-U0-G5	44266	114	B4-U0-G5	45192	116	B4-U0-G5	
	FT IL	70	24122	62	B1-U0-G4	26226	67	B1-U0-G4	28045	72	B1-U0-G4	28632	73	B1-U0-G4	
	FTA	70	37870	97	B4-U0-G4	41174	106	B4-U0-G4	44033	113	B4-U0-G4	44951	115	B4-U0-G4	
	FTA IL	70	26625	68	B2-U0-G2	29165	75	B2-U0-G2	31168	80	B2-U0-G2	31841	82	B2-U0-G2	

*LED Chips are frequently updated therefore values are nominal
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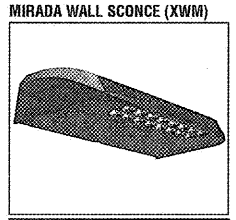
MIRADA WALL SCONCE (XWM)



DOE LIGHTING FACTS
Department of Energy has verified representative product test data and results in accordance with its Lighting Facts Program. Visit www.lightingfacts.com for specific catalog strings.

LIGHT OUTPUT - XWM - 3 5000K CCT

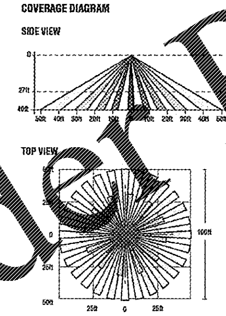
	Lumens	Wattage	LPW
03	3410	29	117
04	4417	40	111
06	6609	59	112
08	8610	82	105

LED Chips are frequently updated therefore values may increase.

COVERAGE DIAGRAM

SIDE VIEW

TOP VIEW



US & Int'L patents pending

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

ENERGY SAVING CONTROL OPTIONS - DIM - 0-10 volt dimming enabled with LSI wireless controls.

OPTIONAL INTEGRAL MOTION SENSOR - Passive infrared motion sensor activates switching of luminaire light levels. High level light is activated when passersby enter target zone and increased to full bright in 1-2 seconds. Low light level (30% of maximum drive current) is activated when target zone is absent of motion activity for 5 minutes and is gradually ramped down (10 seconds) to low level. Sensor detection range 110° horizontal x 93° vertical x 10 meters maximum distance.

LEDS - Available with 5000K, 4000K or 3000K color temperature, 70 CRI min.

OPTICS/DISTRIBUTIONS - Ultra-high efficiency reflectors provide three distributions. Choose from Type 2, Type 3 or Type FT.

HOUSING - Three-piece die-cast aluminum housing is smoothly contoured low-profile shape. Mounting hardware is stainless steel or electro-zinc plated steel. Housing and optical unit are sealed with extruded silicone gasket; supply conductors with molded EPDM bushing.

OPTICAL UNIT - Proprietary silicone refractor optics provide exceptional coverage and uniformity. Pressure stabilizing breather allows super-tight protection while preventing cycling from building up internal pressures and vacuums that can stress optical unit seals

WALL MOUNTING - Galvanized-steel universal wall mounting plate easily mounts directly to 4" octagonal or square junction box. EPDM gasket is supplied to be installed between mounting plate and junction box, sealing junction box from environment. Universal plate permits fixture to be mounted in uplighting (IMS only) or downlighting position. Optional pole-mounting bracket permits mounting to standard poles (XPMA)

ELECTRICAL - Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Location Category C. Available with universal voltage power supply 120-277VAC (50/60Hz input) or 347-480VAC.

DRIVER - Drivers are dimming standard. Components are fully encased in potting material for IP65 moisture resistance. Driver complies with IEC and FCC standards. Driver can be easily accessed.

EMERGENCY OPTIONS - Optional integral emergency battery-back-up options are available. BB option operates in 0°C to 60°C ambient temperature and CWBB operates in -20°C to 60°C ambient temperature. When primary AC power failure occurs, both options operate 10 LEDs for minimum of 90 minutes.

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

FINISH - Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip 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-industries.com for detailed photometric data.

SHIPPING WEIGHT (in carton) - 30 lbs./13.6Kg

LISTING - UL listed to ANSI/UL1598, UL8750 and other U.S. and international safety standards. Suitable for wet locations in downlight position.

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.

RoHS COMPLIANT | cULus LISTED wet location | CE | ARRA Funding Compliant | IP65 | FC

Project Name ____________ Fixture Type ____________ 10/20/17
Catalog # ____________
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MIRADA WALL SCONCE (XWM)

LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: XWM FT LED 08L 50 UE WHT IMS

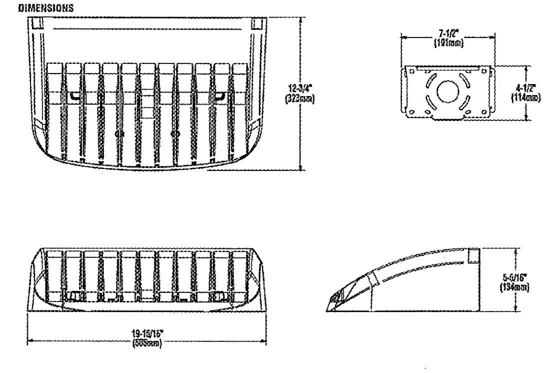
Prefix	Distribution	Light Source	Output[1]	Color Temperature	Input Voltage	Finish	Optional Controls	Optional Sensor/Options
XWM - Mirada Wall Sconce	2 - Type 2 3 - Type 3 (Short Throw) FT - Type FT (Forward Throw)	LED	03L - 3,000 Lumens 04L - 4,000 Lumens 06L - 6,000 Lumens 08L - 8,000 Lumens	50 - 5000K 40 - 4000K 30 - 3000K	UE - Universal Voltage (120-277) HV - 347-480	BLK - Black BRZ - Bronze GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus WHT - White	Wireless Control System[1,2] (blank) - None PCM - Platinum Control System GCM - Gold Control System DIM - 0-10 volt dimming (required for satellite fixtures) ALSC - AirLink Synapse Control System Stand-Alone Control (blank) - None DIM - 0-10 volt dimming[3] (from external signal)	Sensor IMS - Integral Motion Sensor[4,7] Options BB - Battery Back-up[5] CWBB - Cold Weather Battery Back-up[5] XPMA - Pole Mounting Bracket

ACCESSORY ORDERING INFORMATION[1] (Accessories are field installed)

Description	Order Number	Description	Order Number
XWMSW BLK - Surface Wiring Box (Available in black only)	336916BLK	DFK208 - Double Fusing	DFK208
FK120 - Single Fusing	FK120	DFK240 - Double Fusing	DFK240
FK277 - Single Fusing	FK277	DFK480 - Double Fusing	DFK480
FK347 - Single Fusing	FK347	RMS/PC Remote Configurator Tool[6]	554929

FOOTNOTES:
1 - For wireless controls information and accessories, see Controls Section.
2 - Requires a SiteManager and override switch. Not compatible with battery back-up, IMS or HL Option.
3 - Not compatible with RMS Option
4 - Not compatible with DIM or Wireless Control System
5 - Not compatible with Wireless Control System
6 - Not available with BB, CWBB, IMS Option or Wireless Control System
7 - IMS is the WallStopper Dual Sensor (Daylight & Motion) which is field adjustable, via a handheld remote configurator tool[6]
8 - Output based on type 3 optics in cool white color temperature; see IES files for exact delivered lumens

DIMENSIONS



Project Name ____________ Fixture Type ____________ 10/20/17
Catalog # ____________
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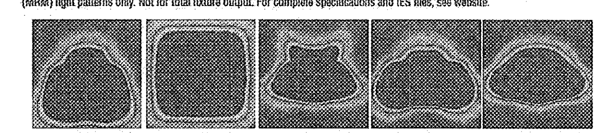
Mirada Medium - MRM
Outdoor LED Area Light

Performance (Cont.)

All published luminaire photometric testing performed to IESNA LM-79 standards. ISO footcandle plots below demonstrate the Mirada (MRM) light patterns only. Not for total fixture output. For complete specifications and IES files, see website.



Ordering Guide

TYPICAL ORDER EXAMPLE: MRM LED 36L SIL FTA UNV DIM 50 70CRI ALSCS04 BRZ IL

Luminaire Prefix	Light Source	Lumen Package*	Light Output	Distribution	Orientation[1]	Voltage	Driver
MRM - Mirada	LED	7L - 7,000 lms 9L - 9,000 lms 12L - 12,000 lms 18L - 18,000 lms 24L - 24,000 lms 30L - 30,000 lms 36L - 36,000 lms 42L - 42,000 lms *Consult factory for programmable wattages and lumen packages	SIL - Silicone	2 - Type 2 3 - Type 3 5W - Type 5 Wide FT - Forward Throw FTA - Forward Throw Automotive	(blank) - standard L - Optics rotated left 90 R - Optics rotated right 90	UNV - Universal Voltage (120-277V) HV - High Voltage (347-480V)	DIM - 0-10V Dimming (0-10%)

Color Temp	Color Rendering	Controls (Choose One)	Finish	Options
50 - 5,000 CCT 40 - 4,000 CCT 30 - 3,000 CCT[2] 27 - 2,700 CCT[2] AMB - Phosphor Converted Amber[3,4]	70CRI - 70 CRI 80CRI - 80 CRI[2]	(Blank) - None Wireless Controls System ALSC - AirLink Synapse Control System[4] ALSCH - AirLink Synapse Control System Host / Satellite[4,5] ALSCS01 - AirLink Synapse Control System with 8-12' Motion Sensor[4] ALSCHS01 - AirLink Synapse Control System Host / Satellite with 8-12' Motion Sensor[4,5] ALSCS02 - AirLink Synapse Control System with 12-20' Motion Sensor[4] ALSCHS02 - AirLink Synapse Control System Host / Satellite with 12-20' Motion Sensor[4,5] ALSCS04 - AirLink Synapse Control System with 20-40' Motion Sensor[4] ALSCHS04 - AirLink Synapse Control System Host / Satellite with 20-40' Motion Sensor[4,5] Stand-Alone Controls EXT - 0-10v Dimming (from external signal) IMSBT01 - Integral Motion Sensor 8-12' 120-277V[4,6] IMSBT02 - Integral Motion Sensor 12-20' 120-277V[4,6] IMSBT04 - Integral Motion Sensor 20-40' 120-277V[4,6] IMS01HV - Integral Motion Sensor 8-12' 347-480V[4,10] IMS02HV - Integral Motion Sensor 12-20' 347-480V[4,10] IMS04HV - Integral Motion Sensor 20-40' 347-480V[4,10] CR7P - 7 Pin Control Receptacle ANSI C136.41[7] Button Type Photocells PCI120 - 120V PCI208-277 - 208-277V PCI347 - 347V	BRZ - Bronze BLK - Black GPT - Graphite MSV - Metallic Silver WHT - White PLP - Platinum Plus SVG - Satin Verde Green	(Blank) - None IL - Integral Louver (IL)[9]

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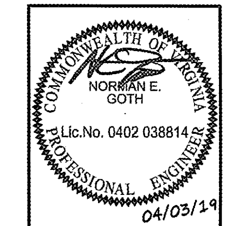
Order Plans @ WWW.LDIILine.com



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FREDERICKSBURG, VA #4

SITE LIGHTING DETAILS

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