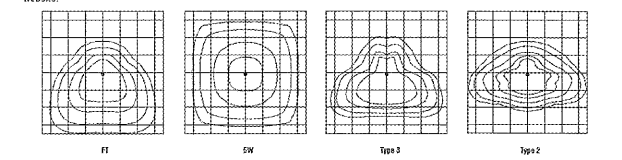


Mirada - XALM Outdoor LED Area Light

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



Output	Beam Type	Beam Spread	Beam Diameter	Beam Length	Beam Area	Beam Volume	Beam Weight
1000	1000	1000	1000	1000	1000	1000	1000
2000	2000	2000	2000	2000	2000	2000	2000
3000	3000	3000	3000	3000	3000	3000	3000
4000	4000	4000	4000	4000	4000	4000	4000
5000	5000	5000	5000	5000	5000	5000	5000

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Mirada - XALM Outdoor LED Area Light

Features & Specifications (Cont.)

Construction
• Rugged die-cast aluminum housing contains factory pre-wired driver and optical unit. Cast aluminum wiring access door located underneath.
• Luminaire is gravity 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: 30 lbs in carton.

Controls
• Optical 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 photocell control interface available for level back photocells or wireless control modules.
• LSI's AirLock™ wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7. (see page 4 for more details)

Installation
• A single fastener secures the integral door, underneath the housing and provides quick & easy access to the electrical compartment for servicing.
• Included terminal block provides quick and easy on-site wiring.
• Unless LSI's traditional 5" stud 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
• IAHNS 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/DPL. 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

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Mirada - XALM Outdoor LED Area Light



The Mirada's sleek design makes it perfectly suited for architectural applications while its cast aluminum housing makes its acquisition cost very competitive. The Mirada offers high performance silicone optic die-cast aluminum housing, 35,000 lumens and is available with integral wireless control.

Electrical Data*

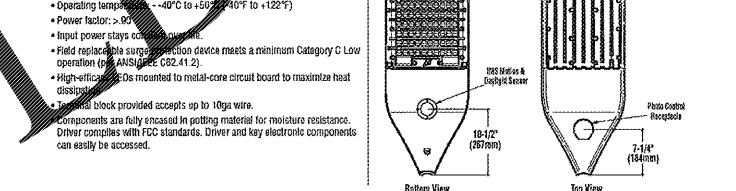
Beam Type	1000	2000	3000	4000	5000	Watts
SS	1.23A	2.47A	3.70A	4.94A	6.18A	75W
HO	1.96A	3.92A	5.88A	7.84A	9.80A	120W
WFO	2.56A	5.12A	7.68A	10.24A	12.80A	150W

RECOMMENDED LUMEN MAINTENANCE*

Ambient	1000	2000	3000	4000	5000
0°C	100%	90.0%	80.0%	70.0%	60.0%
10°C	100%	90.0%	80.0%	70.0%	60.0%
20°C	100%	88.0%	78.0%	68.0%	58.0%
25°C	100%	86.0%	76.0%	66.0%	56.0%

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 reflector optic provides exceptional coverage and uniformity in IES Types 2, 3, SW and FT.
• Silicone optical material does not yellow or crack with age and provides a minimum light transmission of 93%.
• Zero spillage.
• Available in 5000K, 4000K, and 3000K (4+ 2700K color temperature).
• Minimum CRI of 70, 90CRI available, consult factory for best.
• Integral Louver (LI) option available for back-light control without sacrificing street side performance. See page 10 for more details.
• Zero spillage.
• Available in 5000K, 4000K, and 3000K (4+ 2700K color temperature).
• Minimum CRI of 70, 90CRI available, consult factory for best.
• Integral Louver (LI) option available for back-light control without sacrificing street side performance. See page 10 for more details.

Electrical
• High performance LED driver, surge voltage, surge surge, short-circuit and over temperature protection.
• 0-10V dimming (10% - 100%) standard.
• Standby power consumption (120-277V) less than 500mW (0.5W) High Voltage (120-277V).
• L70 Calculated Life > 100K Hours (See L70 Maintenance on Page 2)
• Total Harmonic Distortion < 20%
• Operating temperature range: -40°C to +50°C (-40°F to +122°F)
• Power factor > 0.95
• Input power stays constant
• Field replaceable surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C82.41.2).
• High-voltage die 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.



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MIRADA WALL SCENE (XWM)

LUMINAIRE ORDERING INFORMATION

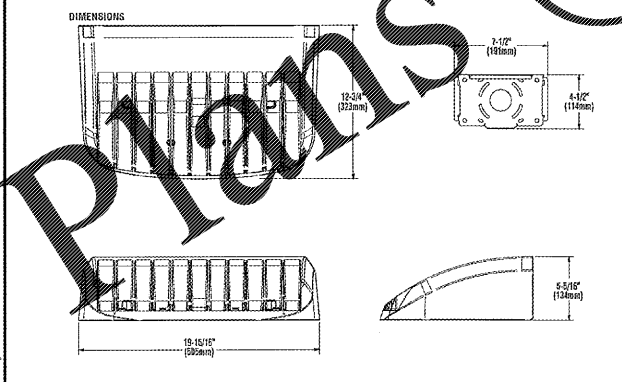
TYPICAL ORDER EXAMPLE: **XWM FT LED 08L 50 UE WHT IMS**

Prefix	Beam Type	Light Source	Output	Color Temperature	Beam Spread	Finish	Optional Controls	Optional Sensor Options
XWM	2 - Type 2	LED	50 - 5,000 Lumens	30 - 5000K	8° - 80°	Black	None	None
MW	1 - Type 1	LED	400 - 4,000 Lumens	30 - 5000K	15° - 150°	Black	None	None
W	1 - Type 1	LED	400 - 4,000 Lumens	30 - 5000K	15° - 150°	Black	None	None

ACCESSORY ORDERING INFORMATION* (Accessories are sold separately)

Description	Order Number	Description	Order Number
1 - For wireless remote information and accessories, see Controls Section.	00000000	1 - For wireless remote information and accessories, see Controls Section.	00000000
2 - Requires field wiring and remote sensor. Not compatible with battery back up.	00000000	2 - Requires field wiring and remote sensor. Not compatible with battery back up.	00000000
3 - Not compatible with 855 Option.	00000000	3 - Not compatible with 855 Option.	00000000
4 - Not compatible with DM or Wireless Control System.	00000000	4 - Not compatible with DM or Wireless Control System.	00000000

FOOTNOTES:
1 - For wireless remote information and accessories, see Controls Section.
2 - Requires field wiring and remote sensor. Not compatible with battery back up.
3 - Not compatible with 855 Option.
4 - Not compatible with DM or Wireless Control System.



Project Name _____ Fixture Type _____ 10/20/17
Catalog # _____ LSI INDUSTRIES INC.

MIRADA WALL SCENE (XWM)

EMERGENCY OPTIONS - Optional integral emergency battery-back-up options are available. BB option operates in 0°C to 50°C ambient temperature and CWB operates in -20°C to 50°C ambient temperature. When primary AC power failure occurs, both options operate 10 L70s 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.lsiindustries.com for detailed photometric data.

SHIPPING WEIGHT (in carton) - 20 lbs./13.8kg

LISTING - UL listed to ANSI/CUL 1598, 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.

ORDERING INFORMATION

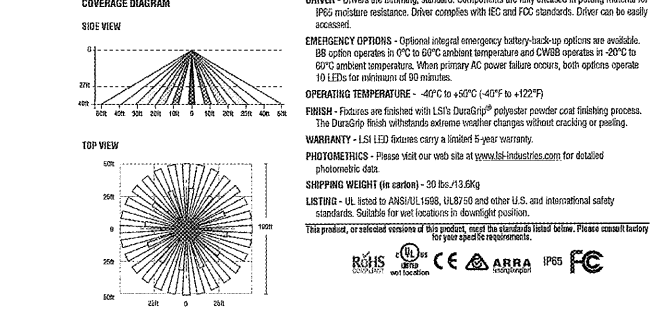
TYPICAL ORDER EXAMPLE: **XALM FT LED HO 40 UE BRZ ALS**

Luminaire Prefix	Beam Type	Light Source	Lumen Package	Color Temp	Voltage	Finish	Optional Controls	Options
XALM	2 - Type 2	LED	40 - 4,000 Lumens	30 - 5000K	120-277V	Black	None	None
WFO	1 - Type 1	LED	400 - 4,000 Lumens	30 - 5000K	120-277V	Black	None	None

ACCESSORY ORDERING INFORMATION*

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Mirada - XALM Outdoor LED Area Light

ORDERING INFORMATION

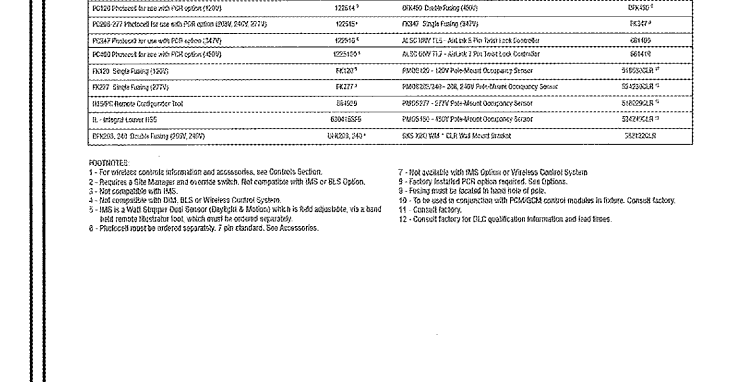
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Luminaire Prefix	Beam Type	Light Source	Lumen Package	Color Temp	Voltage	Finish	Optional Controls	Options
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Order Plans @

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417.562.3265
E-mail: architect@esterytschneider.com

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DRAWN BY: JTH

PROJECT: NEW O'REILLY AUTO PARTS STORE
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SOMERVILLE, TN
SITE LIGHTING DETAILS

O'Reilly AUTO PARTS
CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
(417) 862-2074 TELEPHONE

COMM # 4231
DATE: 09-11-18
REVISION
DATE:

SMITH-GOTH ENGINEERS, INC.
3855 S. JEFFERSON AVE. P: 417-892-3200
SPRINGFIELD, MO 65807 F: 417-892-1188
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