Catalog # : _____ Project : _____ Type : _____

Prepared By : _____ Date : _____

Mirada Large (MRL)

Outdoor LED Area Light



IP66 IK08

OVERVIEW	
Lumen Package	40,000 - 78,000
Wattage Range	270 - 579
Efficacy Range (LPW)	125 - 162
Weight lbs(kg)	60 (27.2)
Control Options	IMSBT, ALB, ALS, 7-Pin

QUICK LINKS

Ordering Guide | Performance | Photometrics | Dimensions

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing, optical frame, and driver access cover.
- 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: 68 lbs in carton.

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, FTA and AM.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377. Also Available in Phosphor Converted Amber with Peak intensity at 610nm.
- Minimum CRI of 70.
- Integral louver (IL) and integral half louver (IH) options available for enhanced backlight control.

Electrical

- High-performance programmable driver features over-voltage, under-voltage, short-circuit and over temperature protection. Custom lumen and wattage packages available.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L90 Calculated Life: >100k Hours (See Lumen Maintenance chart)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 65L and 78L lumen packages rated to +40ºC.
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable 10kV 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
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.

Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor (see page 5 for more details). Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- LSI's AirLink™ wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7. (see controls section for more details).

Installation

- Designed to mount to square or round poles.
- 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 accepts up to 12 ga. wire.
- Utilizes both B3 and B5 drill patterns for easy fastening of LSI products.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to https://www.lsicorp.com/resources/terms-conditions-warranty/ for more information.

Listings

- Listed to UL 1598 and UL 8750.
- State of California Title 24 Compliant; with IMSBT, ALSC, or ALSCH Options.
- 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/QPL to confirm which versions are qualified.
- Meets Buy American Act requirements.
- DarkSky approved with 3000K color temperature selection and fixed mounting.
- Suitable for wet locations.
- IP66 rated Luminaire per IEC 60598.
- 3G rated for ANSI C136.31 high vibration applications are qualified.
- IK08 rated luminiare per IEC 66262 mechanical impact code

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Mirada Large Outdoor LED Area Light

Type : _____

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ORDERING GUIDE

Back to Quick Links

TYPICAL ORDER EXAMPLE: MRL LED 40L SIL FTA L UNV DIM 50 70CRI ALSCS04 BRZ IL

Prefix	Light Source	Lumen Package	Lens	Distribution	Orientation[2]	Voltage	Driver
MRL - Mirada Large	**LED**	**40L** - 40,000 lms, 270W **50L** - 50,000 lms, 353W **65L** - 65,000 lms, 474W **78L** - 78,000 lms, 579W Custom Lumen Packages[1]	**SIL** - Silicone	**2** - Type 2 **3** - Type 3 **5W** - Type 5 Wide **FT** - Forward Throw **FTA** - Forward Throw Automotive **AM** - Automotive Merchandise	**(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 (10-100%)

Color Temperature	Color Rendering	Controls	Finish	Options
50 - 5,000 CCT **40** - 4,000 CCT DarkSky Approved CCT's **30** - 3,000 CCT **AMB** - Phosphor Converted Amber[8]	**70CRI -** 70 CRI	**(Blank)** - None **Wireless Controls System** **ALSDC** - AirLink Synapse Control System **ALSCS02** - AirLink Synapse Control System with 1 2-20' Motion Sensor **ALSCS04** - AirLink Synapse Control System with 20-40' Motion Sensor **ALBMR1LR** - AirLink Blue Long Range Wireless Motion & Photo Sensor Controller (8-15' mounting height)[3] **ALBMR2LR** - AirLink Blue Long Range Wireless Motion & Photo Sensor Controller (16-40' mounting height)[3] **Stand-Alone Controls** **EXT** - 0-10V Dimming leads extended to housing exterior **CR7P** - 7 Pin Control Receptacle ANSI C1 36.41[4] **IMSBT1L** - Integral Bluetooth™ Motion and Photocell Sensor (8-24' MH)[3] **IMSBT2L** - Integral Bluetooth™ Motion and Photocell Sensor (25-40' MH)[3] **Button Type Photocells** **PCI120** - 120V **PCI208-277** - 208 -277V **PCI347** - 347V	**BLK -** Black **BRZ -** Dark Bronze **GMG -** Gun Metal Gray **GPT -** Graphite **MSV -** Metallic Silver **PLP -** Platinum Plus **SVG -** Satin Verde Green **WHT -** White	**(Blank)** - None **IH -** Integral Half Louver (Moderate Spill Light Cutoff)[2] **IL -** Integral Louver (Sharp Spill Light Cutoff)[2]

Need more information?
Click here for our glossary

Have additional questions?
Call us at (800) 436-7800

Accessory Ordering Information[5]

CONTROLS ACCESSORIES	
Description	**Order Number**
Twist Lock Photocell (120V) for use with CR7P[6]	**122514**
Twist Lock Photocell (208-277) for use with CR7P[6]	**122515**
Twist Lock Photocell (347V) for use with CR7P[6]	**122516**
Twist Lock Photocell (480V) for use with CR7P[6]	**1225180**
AirLink 5 Pin Twist Lock Controller[6]	**661409**
AirLink 7 Pin Twist Lock Controller[6]	**661410**
AirLink Synapse Central Base Station	**TBD**
AirLink Synapse Remote Access 12 month subscription	**TBD**
AirLink Synapse Dynamic Behavior Software	**TBD**
Shorting Cap for use with CR7P[6]	**149328**
Adjustable Output Module	**734263**

FUSING OPTIONS[7]	
Single Fusing (120V)	See Fusing Accessory Guide
Single Fusing (277V)	
Double Fusing (208V, 240V)	
Double Fusing (480V)	
Double Fusing (347V)	

EXTERNAL SHIELDING OPTIONS	
3" External Shield	See Shielding Guide
6" External Shield	

1. Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DLC listed.
2. Not available with 5W distribution
3. Motion sensors are field configurable via an app that can be downloaded from your smartphone's native app store.
4. Control device or shorting cap must be ordered separately. See Accessory Ordering Information.
5. Accessories are shipped separately and field installed.
6. Factory installed CR7P option required. See Options.
7. Fusing must be located in hand hole of pole. See Fusing Accessory Guide for compatability.
8. Only available in 40L Lumen Package. Consult factory for lead time and availability.

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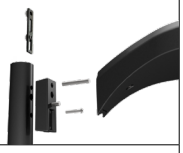
ACCESSORIES

MOUNTING ACCESSORIES

Side Arm

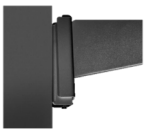
Universal Mounting Bracket
Mounts to ≥ 3" square or round (tapered/straight) poles with (2) mounting hole spaces between 3.5" to 5"

Part Number: BKA UMB CLR



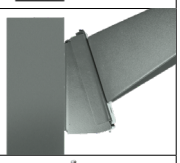
Quick Mount Plate
True one person installation to existing/new contruction poles with hole spaces beteen 2.4 to 4.6"

Part Number: BKS PQMH B3B5 XX CLR



15° Tilt Quick Mount Plate
True one person installation to existing/new contruction poles with hole spaces beteen 2.4 to 4.6"

Part Number: BKS PQM15 B3B5 XX CLR



Tenon / Slipfitter

Adjustable Slipfitter
Mounts onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon and provides 180° of tilt (max 45° above horizontal)

Part Number: BKA ASF CLR



Square Tenon Top
Mounts onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon and allows for mounting up to 4 luminaires

Part Number: BKA XNM *



Square Internal Slipfitter
Mounts inside 4" or 5" square pole and allows for mounting up to 4 lumianires

Part Number: BKA X_ISF * CLR



Wall Mount/ Wood Pole

Wall Mount Bracket
Mounts onto vertical wall surface (hardware/anchors not included)

Part Number: BKS XBO WM CLR



Wood Pole Bracket
Mounts onto wooden poles (6" minimum OD, hardware/anchors not inlcuded)

Part Number: BKS XBO WP CLR



SHIELDING, POLES & MISC. ACCESSORIES

Shielding

Integral Louver
Field Install Integral Louver provides maximum backlight control by shiedling each individual row of LEDS

Part Number: 686485



Integral Half Louver
Field Install Integral Half Louver provides great backlight control without impacting front side distribution.

Part Number: 743416



External Shield
External shield blocks view of light source from anyside of luminaire, additional shielding configurations available

Part Number: 785970BLK (3") / 785962BLK (6")



Poles

Square Poles
14 - 39' steel and aluminum poles in 4", 5" and 6" sizes for retrofit and new construction

Part Number: 4SQ/5SQ/6SQ



Round Poles
10 - 30' steel and aluminum poles in 4" and 5" sizes for retrofit and new construction

Part Number: 4RP/5RP



Tapered Poles
20' - 39' steel and aluminum poles for retrofit and new construction

Part Number: RTP



Misc.

Bird Spikes
10' linear bird spike (4' recommended per luminaire) silcone adhesive and application tool

Spike Part Number: 751631
Adhesive Part Number: 751632
Caulk Gun Part Number: 751636



Replace CLR with paint finish description

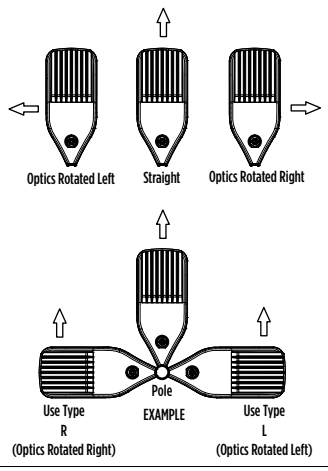
Repleace XX with SQ for square pole or RD for round pole (≥3" OD)

Replace * with S (Single), D180 (Double @180°), D90 (Double @90°), T90 (Triple), Q90 (Quad)

Replace _ with 4 (4" square pole) or 5 (5" square pole)

OPTICS ROTATION

Top View



ACCESSORIES/OPTIONS

Integral Louver (IL) and House-Side Shield (IH)

Integral louver (IL) and half louver (IH) accessory shields available for improved backlight control without sacrificing street side performance. LSI's Integral Louver (IL) and Integral House-Side Shield (IH) options deliver backlight control that significantly reduces spill light behind the poles for applications with pole locations close to adjacent properties. The design maximizes forward reflected light while reducing glare, maintaining the optical distribution selected, and most importantly eliminating light trespass. Both options rotate

Luminaire Shown with Integral Louver (IL)



Luminaire Shown with IMSBT Option



7 Pin Photoelectric Control

7-pin ANSI C136.41-2013 control receptacle option available for twist lock photocontrols or wireless control modules. Control accessories sold separately. Dimming leads from the receptacle will be connected to the driver dimming leads (Consult factory for alternate wiring).

Luminaire Shown with CR7P



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Type : _____

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PERFORMANCE

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DELIVERED LUMENS*

Lumen Package	Distribution	CRI	3000K CCT			4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
40L	2	70	39,800	147	B4-U0-G3	41,940	155	B5-U0-G3	41,244	153	B5-U0-G3	270
	3		40,779	151	B4-U0-G5	42,972	159	B4-U0-G5	42,259	156	B4-U0-G5	
	5W		40,265	150	B5-U0-G4	42,430	157	B5-U0-G4	41,726	154	B5-U0-G4	
	FT		40,647	150	B4-U0-G5	42,833	159	B4-U0-G5	42,122	156	B4-U0-G5	
	FTA		40,883	151	B4-U0-G4	43,081	160	B4-U0-G4	42,366	157	B4-U0-G4	
	AM		41,494	154	B4-U0-G3	43,725	162	B4-U0-G3	43,000	159	B4-U0-G3	
50L	2	70	49,327	140	B5-U0-G4	51,980	147	B5-U0-G4	51,117	145	B5-U0-G4	353
	3		50,541	143	B4-U0-G5	53,259	151	B4-U0-G5	52,375	148	B4-U0-G5	
	5W		49,904	141	B5-U0-G4	52,587	149	B5-U0-G4	51,714	146	B5-U0-G4	
	FT		50,378	143	B4-U0-G5	53,086	150	B4-U0-G5	52,206	148	B4-U0-G5	
	FTA		50,669	143	B5-U0-G4	53,394	151	B5-U0-G4	52,508	149	B5-U0-G4	
	AM		51,427	146	B4-U0-G3	54,192	154	B4-U0-G3	53,293	151	B4-U0-G3	
65L	2	70	62,772	133	B5-U0-G4	66,147	139	B5-U0-G4	65,050	137	B5-U0-G4	474
	3		64,317	136	B5-U0-G5	67,775	143	B5-U0-G5	66,650	141	B5-U0-G5	
	5W		63,505	134	B5-U0-G5	66,920	141	B5-U0-G5	65,810	139	B5-U0-G5	
	FT		64,109	135	B5-U0-G5	67,556	142	B5-U0-G5	66,435	140	B5-U0-G5	
	FTA		64,480	136	B5-U0-G4	67,947	143	B5-U0-G5	66,819	141	B5-U0-G5	
	AM		65,444	138	B4-U0-G4	68,962	145	B4-U0-G4	67,818	143	B4-U0-G4	
78L	2	70	72,683	125	B5-U0-G4	76,591	132	B5-U0-G4	75,320	130	B5-U0-G4	579
	3		74,472	129	B5-U0-G5	78,476	136	B5-U0-G5	77,174	133	B5-U0-G5	
	5W		73,532	127	B5-U0-G5	77,486	134	B5-U0-G5	76,200	132	B5-U0-G5	
	FT		74,231	128	B5-U0-G5	78,222	135	B5-U0-G5	76,924	133	B5-U0-G5	
	FTA		74,660	129	B5-U0-G5	78,675	136	B5-U0-G5	77,369	134	B5-U0-G5	
	AM		75,777	131	B4-U0-G4	79,851	138	B5-U0-G4	78,526	136	B5-U0-G4	

*LEDs are frequently updated therefore values are nominal.

DELIVERED LUMENS*

Lumen Package	Distribution	Phosphor Converted Amber (Peak 610mm)		
		Delivered Lumens	Efficacy	BUG Rating
40L	2	18519	60	B3-U0-G3
	3	18895	61	B3-U0-G3
	5W	18512	60	B5-U0-G3
	FT	19035	62	B2-U0-G2
	FTA	18366	59	B3-U0-G3
	AM	18695	61	B3-U0-G3

Electrical Data (Amps)*

Lumens	Wattage	120V	208V	240V	277V	347V	480V
40L	270	2.25	1.30	1.13	0.97	0.78	0.56
50L	353	2.94	1.70	1.47	1.27	1.02	0.74
65L	474	3.95	2.28	1.98	1.71	1.37	0.99
78L	579	4.83	2.78	2.41	2.09	1.67	1.21

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

RECOMMENDED LUMEN MAINTENANCE[1]

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

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.

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PHOTOMETRICS

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Luminaire photometry has been conducted by an accredited laboratory in accordance with IESNA LM-79. As specified by IESNA LM-79 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

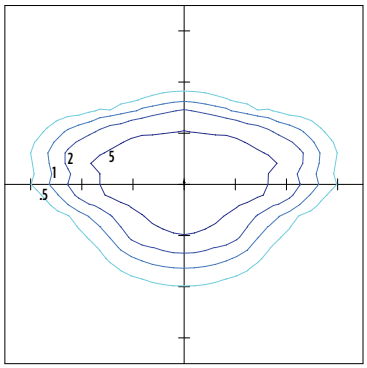
See https://www.lsicorp.com/product/mirada-large/ for detailed photometric data.

MRL-LED-65L-SIL-2-40-70CRI

Luminaire Data	
Type 2 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	65,693
Watts	518
Efficacy	127
IES Type	Type II - Short
BUG Rating	B5-U0-G5

Zonal Lumen Summary		
Zone	**Lumens**	**% Luminaire**
Low (0-30°)	10825	16%
Medium (30-60°)	41026	62%
High (60-80°)	13243	20%
Very High (80-90°)	598	1%
Uplight (90-180°)	0	0%
Total Flux	65693	100%

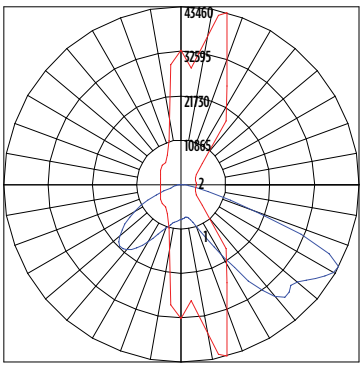
ISO Footcandle



30' Mounting Height / 30' Grid Spacing

5 FC 2 FC 1 FC 0.5 FC

Polar Curve



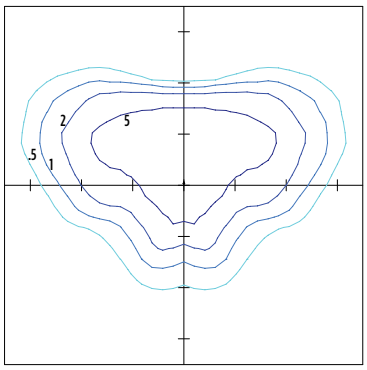
Vertical Plane Horizontal Cone

MRL-LED-65L-SIL-3-40-70CRI

Luminaire Data	
Type 3 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	67,307
Watts	518
Efficacy	130
IES Type	Type III - Short
BUG Rating	B5-U0-G5

Zonal Lumen Summary		
Zone	**Lumens**	**% Luminaire**
Low (0-30°)	6980	10%
Medium (30-60°)	37817	56%
High (60-80°)	21783	32%
Very High (80-90°)	727	1%
Uplight (90-180°)	0	0%
Total Flux	67307	100%

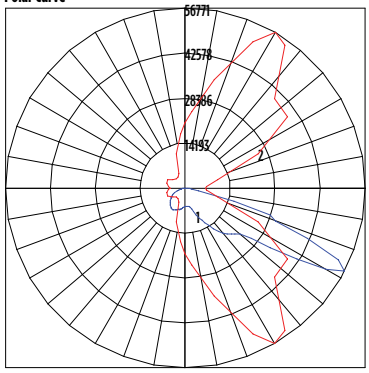
ISO Footcandle



30' Mounting Height / 30' Grid Spacing

5 FC 2 FC 1 FC 0.5 FC

Polar Curve



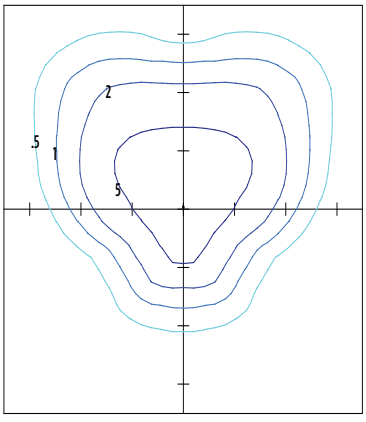
Vertical Plane Horizontal Cone

MRL-LED-65L-SIL-FT-40-70CRI

Luminaire Data	
Type FT Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	66,638
Watts	518
Efficacy	129
IES Type	Type IV - Short
BUG Rating	B5-U0-G5

Zonal Lumen Summary		
Zone	**Lumens**	**% Luminaire**
Low (0-30°)	8542	13%
Medium (30-60°)	33055	50%
High (60-80°)	23973	36%
Very High (80-90°)	1069	2%
Uplight (90-180°)	0	0%
Total Flux	66638	100%

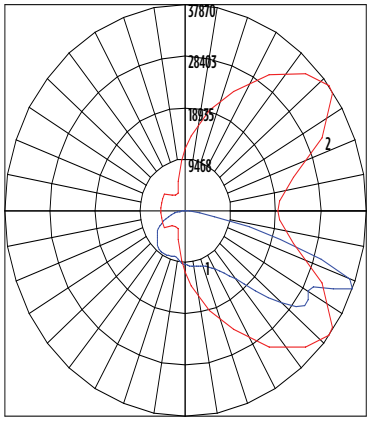
ISO Footcandle



30' Mounting Height / 30' Grid Spacing

5 FC 2 FC 1 FC 0.5 FC

Polar Curve



Vertical Plane Horizontal Cone

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PHOTOMETRICS (CONT)

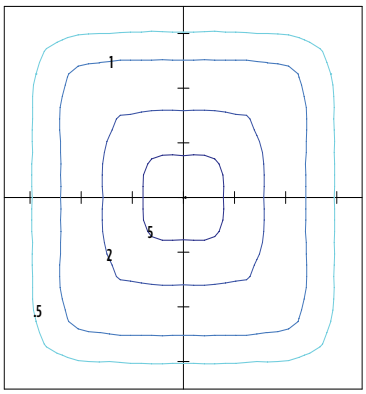
Back to Quick Links

MRL-LED-65L-SIL-5W-40-70CRI

Luminaire Data	
Type 5W Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	66,722
Watts	518
Efficacy	129
IES Type	Type VS - Short
BUG Rating	B5-U0-G5

Zonal Lumen Summary		
Zone	**Lumens**	**% Luminaire**
Low (0-30°)	6379	10%
Medium (30-60°)	33102	50%
High (60-80°)	26808	40%
Very High (80-90°)	433	1%
Uplight (90-180°)	0	0%
Total Flux	66722	100%

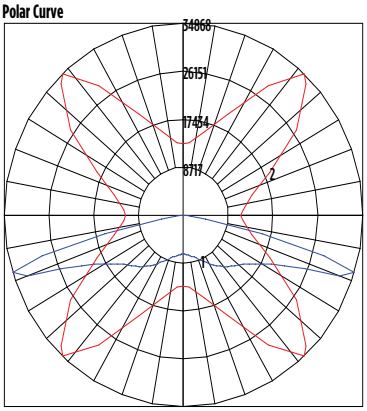
ISO Footcandle



30' Mounting Height / 30' Grid Spacing

5 FC 2 FC 1 FC 0.5 FC

Polar Curve



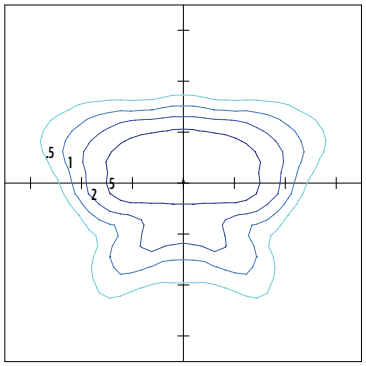
Vertical Plane Horizontal Cone

MRL-LED-65L-SIL-FTA-40-70CRI

Luminaire Data	
Type FTA Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	67,185
Watts	518
Efficacy	130
IES Type	Type I - Very Short
BUG Rating	B5-U0-G5

Zonal Lumen Summary		
Zone	**Lumens**	**% Luminaire**
Low (0-30°)	14876	22%
Medium (30-60°)	39340	59%
High (60-80°)	12095	18%
Very High (80-90°)	874	1%
Uplight (90-180°)	0	0%
Total Flux	67185	100%

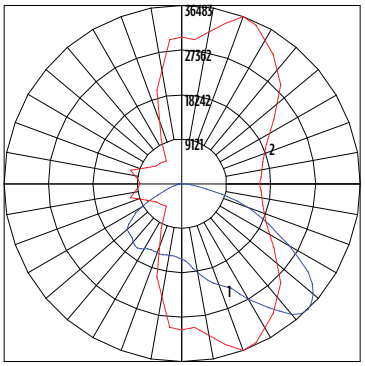
ISO Footcandle



30' Mounting Height / 30' Grid Spacing

5 FC 2 FC 1 FC 0.5 FC

Polar Curve



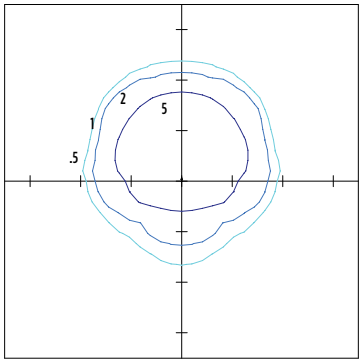
Vertical Plane Horizontal Cone

MRL-LED-65L-SIL-AM-40-70CRI

Luminaire Data	
Type AM Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	67,432
Watts	518
Efficacy	130
IES Type	Type III - Very Short
BUG Rating	B5-U0-G3

Zonal Lumen Summary		
Zone	**Lumens**	**% Luminaire**
Low (0-30°)	13837	9%
Medium (30-60°)	44654	43%
High (60-80°)	8162	48%
Very High (80-90°)	779	1%
Uplight (90-180°)	0	0%
Total Flux	67432	100%

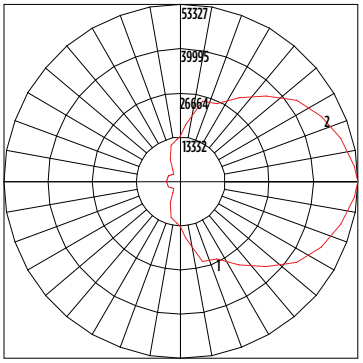
ISO Footcandle



30' Mounting Height / 30' Grid Spacing

5 FC 2 FC 1 FC 0.5 FC

Polar Curve

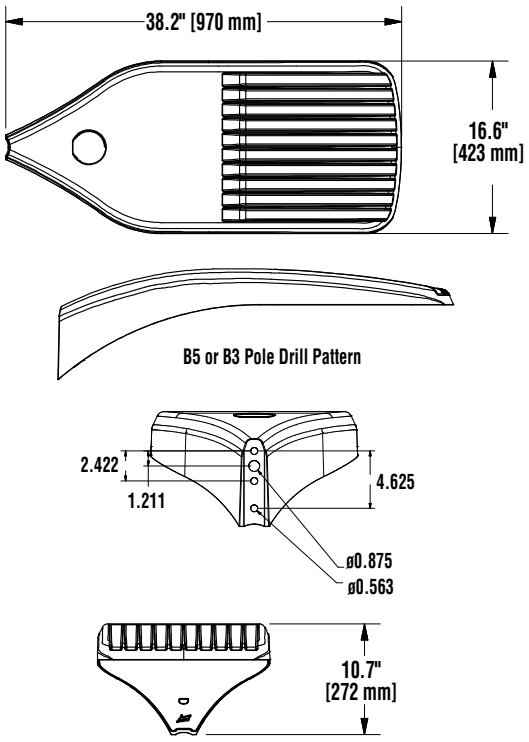


Vertical Plane Horizontal Cone

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PRODUCT DIMENSIONS

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Luminaire EPA Chart					
Tilt Degree		**0º**	**15º**	**30º**	**45º**
	Single	0.8	1.5	2.2	2.9
	D180º	1.6	2.3	2.2	2.9
	D90º	1.2	2.5	3.0	3.7
	T90º	2.0	2.3	3.8	4.5
	TN120º	2.0	3.0	5.0	6.0
	Q90º	2.0	2.3	3.8	4.5

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CONTROLS

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Integral Bluetooth™ Motion and Photocell Sensor (IMSBTxL)

Slim low profile sensor provides multi-level control based on motion and/or daylight. Sensor controls 0-10 VDC LED drivers and is IP66 rated for cold and wet locations (-40°F to 167°F). Two unique PIR lenses are available and used based on fixture mounting height. All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles.

Click here to learn more details about IMSBT

LEVITON App Apple Android

(ALBMRxLR, ALBCSx)

Wireless Bluetooth Mesh Outdoor Lighting Control System that provides energy savings, code compliance and enhanced safety/security for parking lots and parking garages. Three key components; Bluetooth wireless radio/sensor controller, Time Keeper and an iOS App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone. Radio/Sensor Controller is factory integrated into Area/Site, Wall Mounted, Parking Garage and Canopy luminaires.

Click here to learn more details about AirLink Blue

AirLink Blue App Apple

Sensor Sequence of Operations

Standard Programming	On Event	Off Event	On Light Level	Dim Light Level	Daylight Harvesting	Delay To Off	Sensitivity
OMSBTxL/IMSBTxL	Motion	No Motion	100%	N/A	On; Auto Calibration	20 minutes	High
OMS	Motion	No Motion	N/A	N/A	N/A	30 seconds	Auto

Operation	Description
On Event	Trigger that activates lights to turn on; either automatic via motion detected or manually activated via push of button.
Off Event	Trigger that activates lights to turn off; either automatic via no motion detected or manually activated via push of button.
On Light Level	The light level that the fixtures will turn on to when ON EVENT occurs.
Dim Light Level	The light level that the fixtures will dim down to when no motion is detected.
Delay to Dim	The amount of time after which no motion is detected that the fixtures will be triggered to dim down. This sequence is optional, and sensor can be programmed to only trigger the fixture to turn off by entering 100% in this field.
Delay to Off	The amount of time after which no motion is detected that the fixtures will be triggered to turn off. If delay to dim is part of the programmed functionality, this is the amount of time after which no motion is detected after the fixture have already dimmed down.
Sensitivity	The sensitivity can be set to high, medium, low, or auto where applicable. High will detect smaller, simple motions. Low will only detect larger more complex motions. Auto temperature calibration adjusts the PIR sensitivity as ambient temperature rises to increase detection of heat movement through the field of view.

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