



Slice SLM



Intelligent Outdoor LED Area Light



Auto



Renovation



Parking



Petro



Retail



Warehouse



Superior Design

The intelligent, outdoor Slice™ LED Area Light is superior in construction and functionality.

5 Color Temperature Options (CCTs): 5000k, 4000k, 3000k, 2700k, and Amber

Superior Thermal Management

3-piece Die-Cast Aluminum Housing

Factory-Programmable LED Drivers

IP66 Rated Luminaire

Wireless Controller



AirLink™
enabled by Synapse®

Optional IP66 Dual Sensor (Daylight and Motion)

Available in All LSI Standard Finishes:

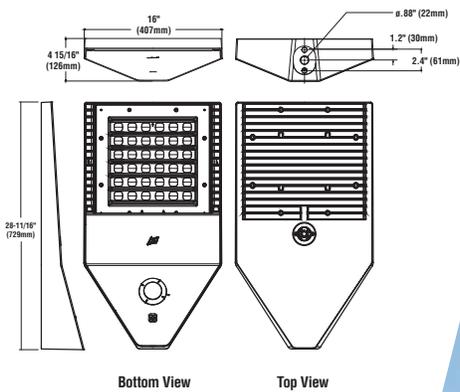
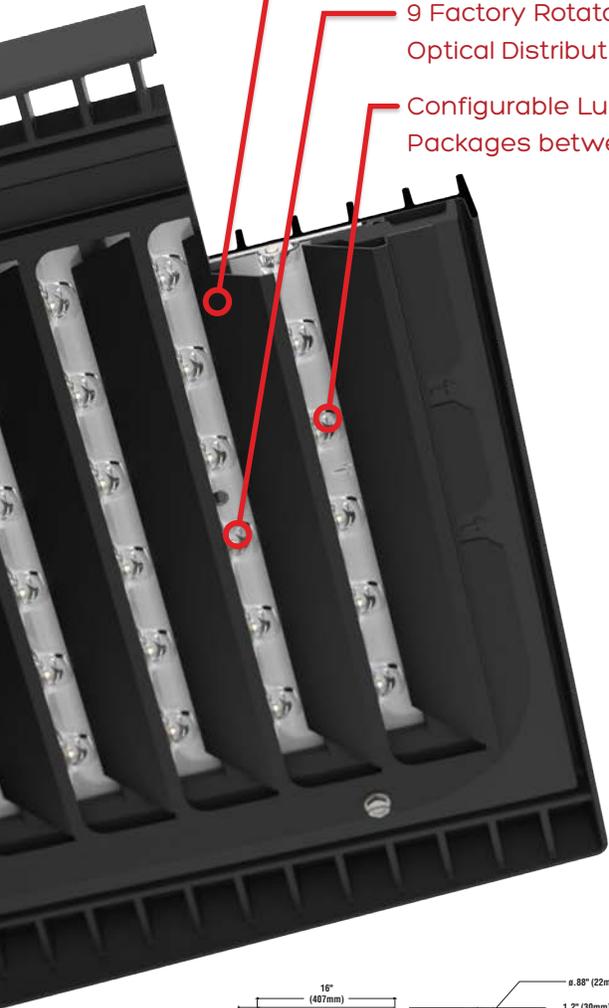


Sleek & Low-Profile Design

Optional Integral Louver (IL) for Increased Backlight Control

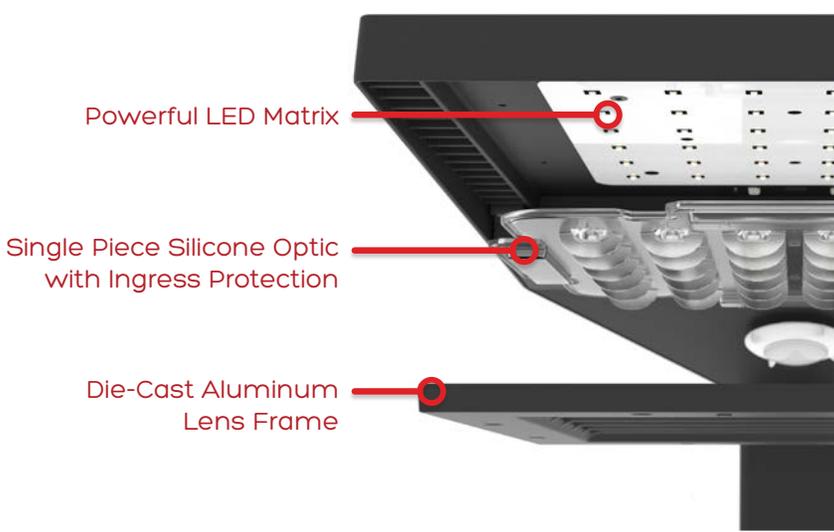
9 Factory Rotatable Optical Distributions

Configurable Lumen Packages between 9L-42L



Silicone Optics

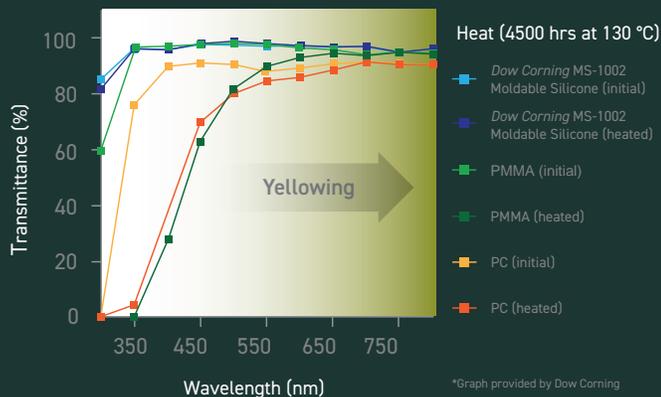
Single-sheet molded silicone is unaffected by UV exposure while providing superior reliability in high operating temperatures and harsh environments.



- Optics will not yellow due to UV exposure
- Does not break or crack when compared to typical glass or acrylic
- Increased leak resistance and ingress protection through integrated gasket
- Does not effect spectral radiosity of the LED source allowing consistent CCT
- 5VA flame-retardant rating
- Reduced system complexity, and component count creating high photo-thermal stability

SEE THE STATS

Moldable optical silicones offer transmission rates as high as or higher than competitive materials in both UV and visible spectrums. In addition, moldable optical silicones don't yellow over time at high temperature/high lumen density.

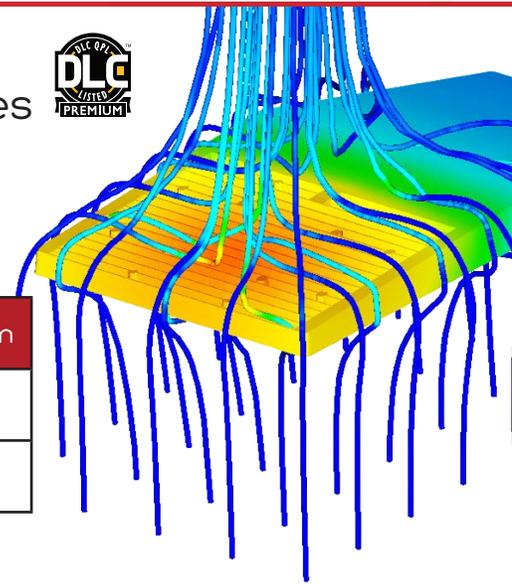


| Features | Silicone | Acrylic | Polycarb |
|--------------------------|----------|---------|------------|
| High Max Operating Temp | 150°C | 80°C | 90°C |
| High Light Transmittance | ~93% | ~92% | ~90% |
| UV Resistance (Yellows) | Superior | Good | Acceptable |
| Moisture Resistance | Superior | Good | Good |

| Thermal Aging 200 hrs @ 4mm thickness | 130°C | 150°C | 180°C | 200°C |
|--|-------|-------|-------|-------|
| Silicone | | | | |
| Acrylic and Polycarb | | | | |

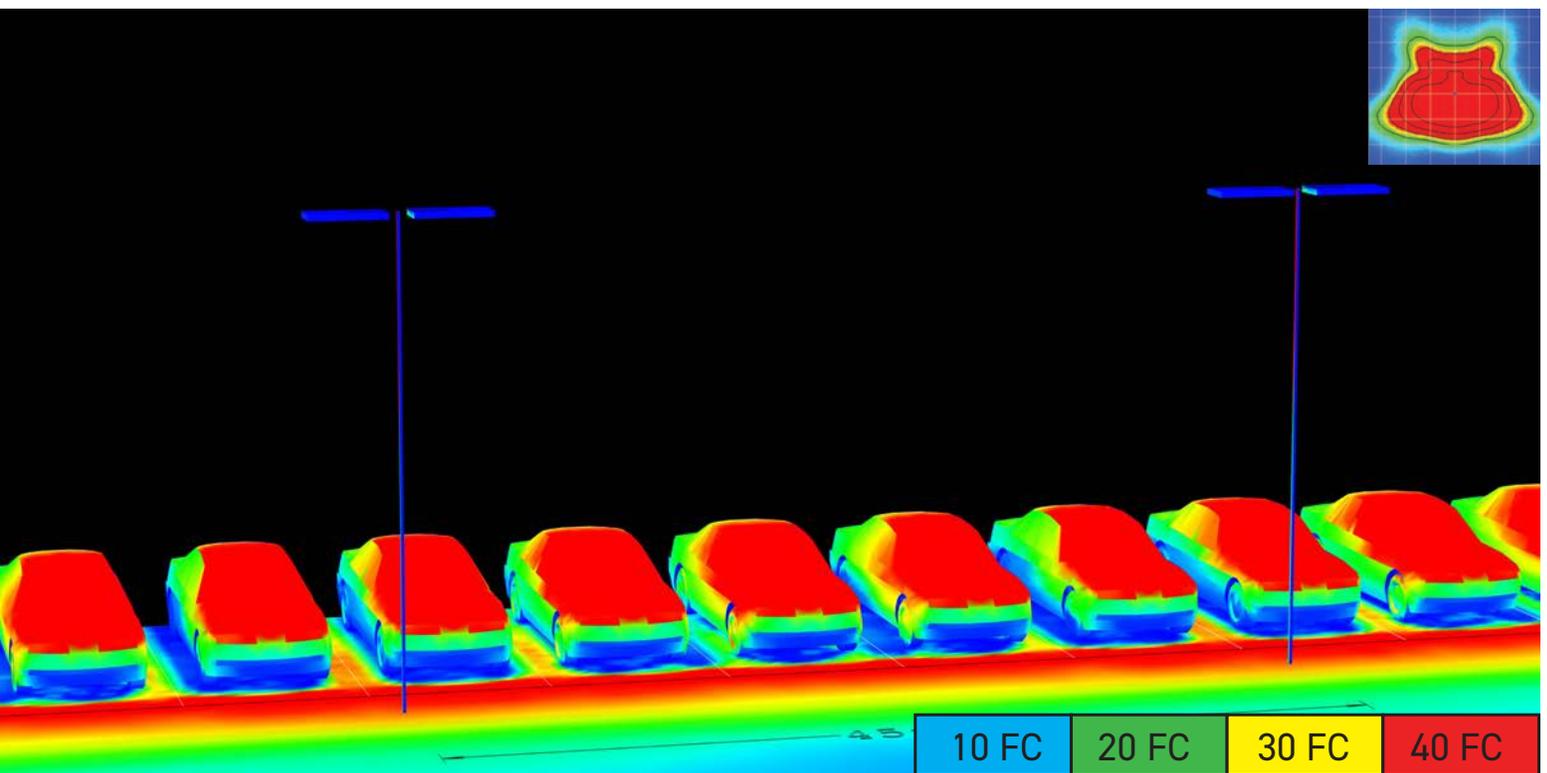
Performance

The Slice boasts DLC™ Premium performance with up to 146 LPW in 7 standard lumen packages all available in 5 different CCT options.



| Lumen Pkg. | 9K lm | 12K lm | 18K lm | 24K lm | 30K lm | 36K lm | 42K lm |
|------------|-------|--------|--------|--------|--------|--------|--------|
| Wattage | 68 | 93 | 149 | 189 | 249 | 318 | 393 |
| LPW | 146 | 140 | 133 | 138 | 131 | 122 | 112 |

Front Row Auto Case Study



- 24' Mtg. ht.
- 2 Fixtures/Pole (D180)
- 45' Spacing
- Initial FC @ 4' Above Grade
- SLM-LED-36L-SIL-FTA-50-70CRI
- 44 FC Average
- Fixture Lumens: 38,499
- Fixture Watts: 318
- LPW: 121

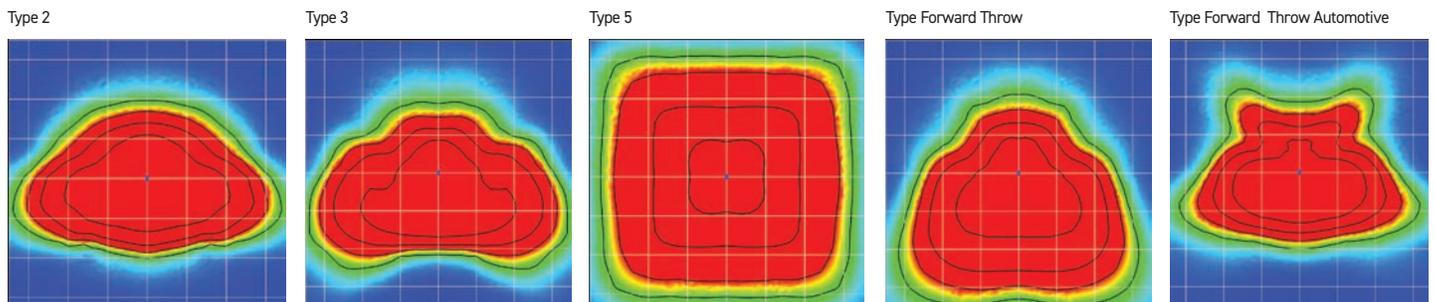


Ideal Illumination



Ideal for Commercial & Industrial uses. Recommended for Petroleum, Automotive, Educational, Office Buildings, Parking Lots, New Construction, Renovation & General Lighting applications.

Slice™ Distribution Comparison

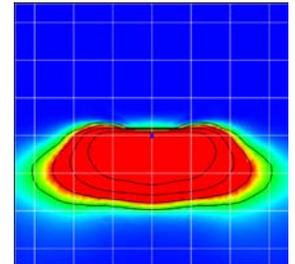


Back Light Optical Control

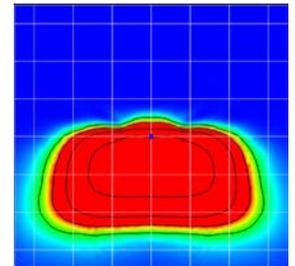
LSI's Integral Louver (IL) option delivers backlight control that significantly reduces light spill behind the pole for applications with pole locations close to adjacent properties.



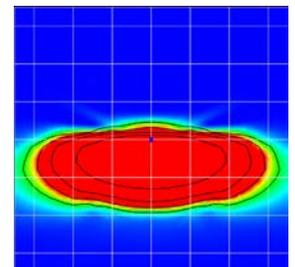
The integrated louver design maximizes forward-reflected light while - reducing glare, maintaining the optical distribution selected, and most importantly, eliminating light trespass. This assists with LEED Compliance light trespass requirements along the perimeter of the lot and maintains interior lot light level performance.



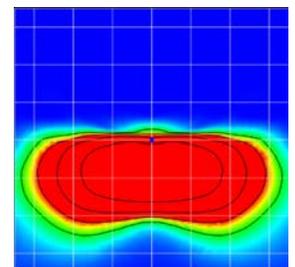
Type FTA-IL*



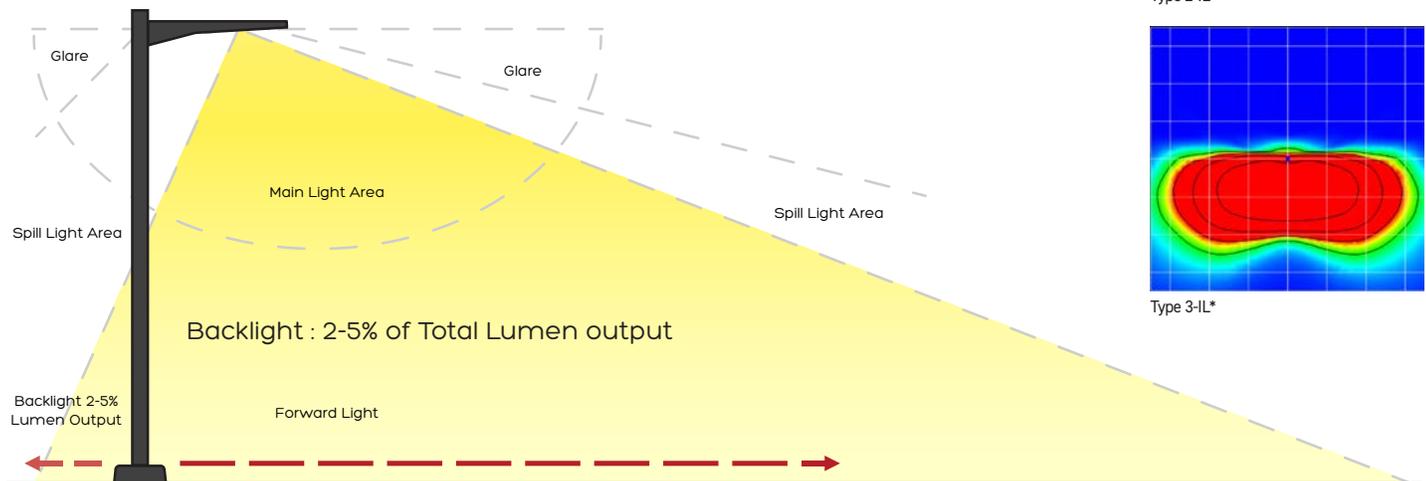
Type FT-IL*



Type 2-IL*



Type 3-IL*



Integrated Intelligence

The control you want with the simplicity you need – order wireless-enabled fixtures straight from our factory.

LSI designs outdoor products with intelligence in mind. The Slice can be ordered with the AirLink wireless controller installed inside, giving the fixture automatic access to the wireless system's robust self-healing mesh network. Experience the capabilities of intelligent lighting with no extra wiring or installation requirements.

The AirLink Site Manager is a web-based application that gives full access to your lighting control system remotely from any internet capable device. The web-app, paired with the AirLink Site Manager Controller (ordered separately), allows for complete site customization and access to the following functionality:





AirLinkTM
enabled by Synapse[®]

Whether building a new facility or upgrading an existing one, factory-installed controllers reduce installation time and risk of error in the field. AirLink's scalability accommodates the ever-changing needs of a business—expand or alter your system at any time.

Wireless Controls and Sensors



Wireless & Override Switches



Occupancy/Vacancy & Daylight Sensors



AirLink-integrated Fixtures



AirLink-compatible Fixtures



Circuit & Zone Controllers

BACnet[®] is a registered trademark of ASHRAE.

Centralized Control and Integration



Site Manager Controller



Gateway Module



WiFi, Cellular or Ethernet Connection

Simple-to-use Software



AirLink Site Manager: Lighting Control Web App

Whether you're expanding your business or renovating your building, AirLink is always ready to adapt. AirLink's scalability allows it to be added to or altered at any time. If you decide to make your system BACnet compatible after the installation process, no problem! AirLink is designed to accommodate the ever-changing needs of your business.



Sales
controls.sales@lsi-industries.com



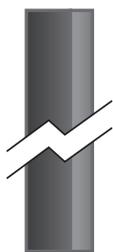
Support
controls.support@lsi-industries.com
1 (800) 436-7800 (support, option 8)



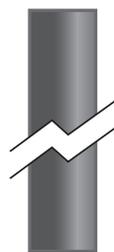
More information
For more information on AirLink, visit our website at www.lsi-airlink.com/airlink

LSI poles & Brackets

LSI offers a full line of poles and brackets to complete your lighting assembly. We apply the same high quality standards to our USA Pole & Bracket manufacturing, as we do with for our lighting fixtures.



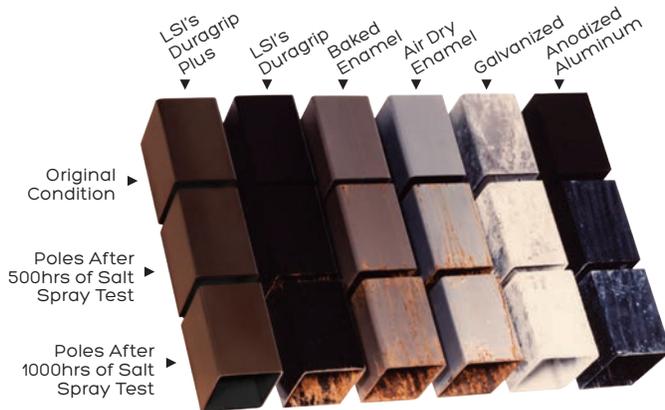
Square Pole
14'-39'



Round Pole
10'-30'



Tapered Pole
20'-39'



BKA UMB CLR

The 3G rated Universal Mounting Bracket (UMB) allows for seamless integration of LSI Luminaires onto existing or new construction poles. The UMB bracket was designed specifically for square or round (tapered/straight) poles with (2) mounting hole spaces between 3.5"-5".



BKA ASF CLR

The adjustable Slip Fitter is a 3G rated rugged die cast aluminum adapter to mount LSI luminaires onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon. The Adjustable Slip Fitter can be rotated 180° allowing for tilting LSI luminaires up to 45 degrees and 90° when using a vertical tenon.



BKS PQMH CLR

The Pole Quick Mount Bracket allows for lightning fast installation of LSI luminaires onto existing and new construction poles with LSI's 3" or 5" standard bolt patterns.



BKS PQM15 CLR

The Pole Quick Mount Bracket allows for preset 15° uptilt of LSI luminaires for greater throw of light and increased vertical illumination as well as fast installation onto poles with LSI's 3" or 5" bolt pattern.



TYPICAL ORDER EXAMPLE: **SLM LED 36L SIL FTA UNV DIM 50 70CRI ALSC IL BRZ**

| Family | Light Source | Lumen Package* | Distribution | Orientation | Voltage | Driver |
|----------------------------|--------------|--|---|--|--|------------------------------------|
| SLM Slice Medium | LED | 9L - 9,000 lm 12L - 12,000 lm 18L - 18,000 lm 24L - 24,000 lm 30L - 30,000 lm 36L - 36,000 lm 42L - 42,000 lm | 2 - Type 2 3 - Type 3 5W - Type 5 Wide FT - Type 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 (0-10V) |

*Consult factory for programmable wattages and lumen packages

| Color Temp | Color Rendering | Controls | Finish | Options |
|---|---|---|--|--|
| 50 - 5,000 CCT 40 - 4,000 CCT 30 - 3,000 CCT ¹ 27 - 2,700 CCT ¹ AMB - Amber ¹ | 70CRI - 70 CRI 80CRI - 80 CRI ¹ | (Blank) - None <u>Wireless Controls System</u> ALSC - AirLink Synapse Control System ² ALSCH - AirLink Synapse Control System Host / Satellite ^{2,5} ALSCS01 - AirLink Synapse Control System with <10' Motion Sensor ² ALSCS01 - AirLink Synapse Control System Host / Satellite with <10' Motion Sensor ^{2,5} ALSCS02 - AirLink Synapse Control System with <25' Motion Sensor ² ALSCS02 - AirLink Synapse Control System Host / Satellite with <25' Motion Sensor ^{2,5} ALSCS04 - AirLink Synapse Control System with <40' Motion Sensor ² ALSCS04 - AirLink Synapse Control System Host / Satellite with <40' Motion Sensor ^{2,5} <u>Stand-Alone Controls</u> EXT - 0-10v Dimming (from external signal) IMS - Integral Motion & daylight sensor ³ CR7P - 7 Pin Control Receptacle ANSI C136.41 ⁴ <u>Button Type Photocells</u> PC1120 - 120V PC1208-277 - 208-277V PC1347 - 347V | BRZ - Bronze BLK - Black GPT - Graphite MSV - Metallic Silver WHT - White PLP - Platinum Plus SVG - Satin Verde Green | (Blank) - None IL - Integral Louver HSS |

Accessory Ordering Information

| Description | Order Number |
|--|--------------|
| PC120 Photocell for use with CR7P option (120V) ⁹ | 122514 |
| PC208-277 Photocell for use with CR7P option (208V, 240V, 277V) ⁹ | 122515 |
| PC347 Photocell for use with CR7P option (347V) ⁹ | 122516 |
| PC480 Photocell for use with CR7P option (480V) ⁹ | 1225180 |
| ALSC UNV TL5 - Airlink 5Pin Twist Lock Controller ^{4,9} | 661409 |
| ALSC UNV TL7 - Airlink 7Pin Twist Lock Controller ^{4,9} | 661410 |
| PMOS24 -24V Pole-Mount Occupancy Sensor (ALSC/H Compatible) ^{10,11} | 663284CLR |
| IMS/PC Remote Configurator Tool | 584929 |
| X3RPP - Round Pole Adapter for 3" Round Tapered Poles ¹¹ | 408273CLR |
| X4RPP - Round Pole Adapter for 4" Poles ¹¹ | 379967CLR |
| X5RPP - Round Pole Adapter for 5" Poles ¹¹ | 379968CLR |
| IL - Integral Louver HSS | 684812 |
| Universal Mounting Bracket (UMB) ¹¹ | 684616CLR |
| Adjustable Slip Fitter (ASF) ¹¹ | 688138CLR |
| Pole Quick Mount Bracket - Square Pole (PQMH) ¹¹ | 687073CLR |
| Pole Quick Mount Bracket - 4-5" Round Pole (PQMHR) ¹¹ | 689903CLR |
| 15° Tilt Pole Quick Mount Bracket - Square Pole (PQM15) ¹¹ | 688003CLR |
| 15° Tilt Pole Quick Mount Bracket - 4-5" Round Pole (PQM15R) ¹¹ | 689905CLR |
| BKS XBO WM * CLR Wall Mount Bracket ¹¹ | 382132CLR |

Please contact your LSI representative for more information, or visit...



www.lsi-industries.com

FOOTNOTES

- 1 - Not available on "Type V" distribution.
- 2 - Consult Factory for availability.
- 3 - Only available in 9L and 12L Lumen Packages
- 4 - Not available in HV.
- 5 - Consult Factory for Site Layout

- 6 - IMS is a Dual Sensor (Daylight & Motion) which is field adjustable, via a hand held Remote Configurator Tool, which must be ordered separately. See Accessory Ordering Information.
- 7 - Control device must be ordered separately, 7 pin standard. See Accessory Ordering Information.

- 8 - Accessories are shipped separately and field installed.
- 9 - Factory installed CR7P option required. See Options.
- 10 - Only available with ALSC* Controls.
- 11 - "CLR" denotes finish. See Finish options.





LSI Industries Inc.
10000 Alliance Rd.
Cincinnati, OH 45242
513-793-3200

www.lsi-industries.com

AirLink™

poles

LSI Industries' Other Fine Brands

Atlas
Lighting Products®

Abolite

SCOTTSDALE

GREENLEE

 smartvision™
an  Solution



The majority of LSI Industries' products are assembled in USA by an American workforce of both USA and foreign parts, using state-of-the-art equipment at our award-winning manufacturing facility.