

PROJECT:	
CATALOG #	
TYPE:	DATE:

## LED AREA LIGHT

### DESCRIPTION

Litetronics LED Area Lights are available in three models from 100W through 300W, each with three field-selectable wattages and CCT (3000K, 4000K and 5000K). The standard unit is offered with slipfitter mounting, 3-pin shorting cap, pluggable sensor socket, and Type III distribution (Type II, IV, & V distributions available). Optional Sensors include PIR (SC005), Microwave (SC006) and our LiteSmart Sensor (SC008) enabling the same energy saving control but can be setup and managed on a group level via the LiteSmart mobile app to meet code and local ordinance.

In addition to standard slipfitter, Litetronics offers optional trunnion, yoke, direct and universal mountings.



### FEATURES

- Slipfitter mount standard (trunnion, yoke, direct and universal mountings optional)
- Type III distribution (Type II, IV, & V distributions optional)
- 3-pin shorting cap (standard-included)
- Optional Shields to meet code and ordinance
- Pluggable sensor socket
- Compatibility with LiteSmart mobile app
- Field selectable wattages and CCT (3000K, 4000K, 5000K)
- 50,000-hour rated life
- 5-year warranty
- DLC 5.1 Premium

### MARKETS

- Car dealership
- Schools, campuses, day care
- Parking lots
- Commercial
- Transportation hubs
- Trucking Depots
- Retail
- Event Centers
- Industrial yards and lots

### MOUNTING

- Slipfitter - Standard, included
- Trunnion
- Yoke
- Direct
- Universal Mountings

### CERTIFICATIONS



## SPECIFICATIONS

**Life (@L70):** 50,000 hours

**Warranty:** 5 years

### PERFORMANCE

**Operating temp:** -40F to 122°F (-40°C to 50°C)

**Efficacy (LPW):** 140

**CRI:** 80

### ELECTRICAL

**Input voltage:** 120-277V (480V option MTO)

**Input frequency:** 50/60Hz

**PF:** ≥.95

**THD:** ≤ 20%

**Surge protection:** 10KV (20KV Accessory Option)

**Dimming:** 0-10V with LiteSmart Bluetooth control system

**Minimum dimming:** N/A

**Aux. Voltage:** N/A

**Driver Class - AL1503:** Class P

**AL2003:** Class P

**AL3003:** Class P

**Whip/Cord:** 3.5'

**Sensor:** Plug-In (Choice of MW, PIR, Bluetooth)

### OPTICAL

**Beam:** 155°

**Lens:** Polycarbonate Frosted

**UGR:** N/A

### PHYSICAL

**Finish:** Matte Powder Coat

\_\_\_ MIL Thickness

**Color:** Dark Bronze

**Housing:** Painted Steel

### INDUSTRY STANDARDS/RATINGS

#### Bug Rating

**AL1503:** B3-U0-G3

**AL2003:** B3-U0-G3

**AL3003:** B3-U0-G3

**IP:** 65

**IK:** N/A

**Location:** Wet

**Outdoor Rated:** Yes

**IC:** No

**UL/ETL:** UL (Pending)

**FCC:** Yes

**RoHS:** Yes

**DLC:** 5.1 Premium

### MOUNTING

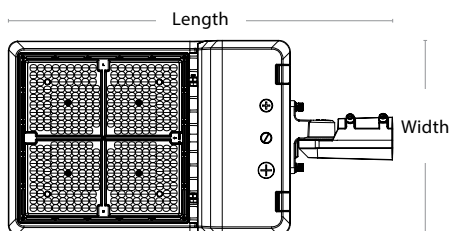
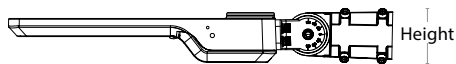
**Standard:** Standard Slipfitter -  
Tilt knuckle setting 0-90

**Optional:** Trunnion, Yoke, Direct,  
Universal mounting

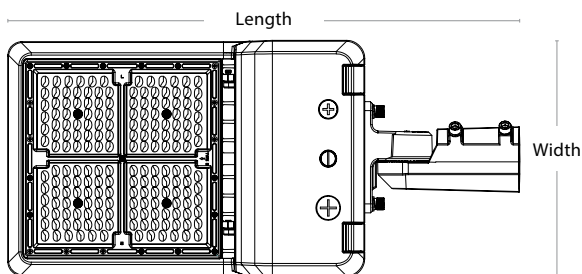
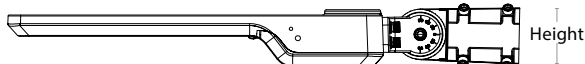
### DIMENSIONS / WEIGHT

ORDER#	LENGTH	WIDTH	HEIGHT	WEIGHT
AL1503	22.6"	10.4"	3.31"	15.87 lbs.
AL2003	25.7"	13.1"	3.31"	22.49 lbs.
AL3003	25.7"	13.1"	3.31"	22.49 lbs.

#### AL1503



#### AL2003/AL3003

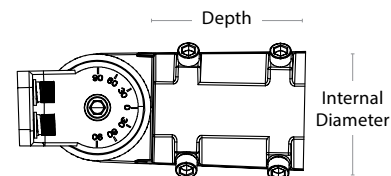
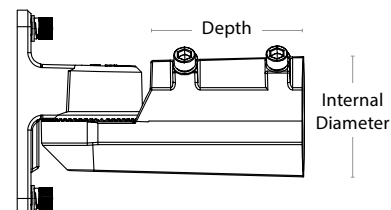


**Note:** Lens are rotatable. See installation instructions for details.

### SLIPFITTER

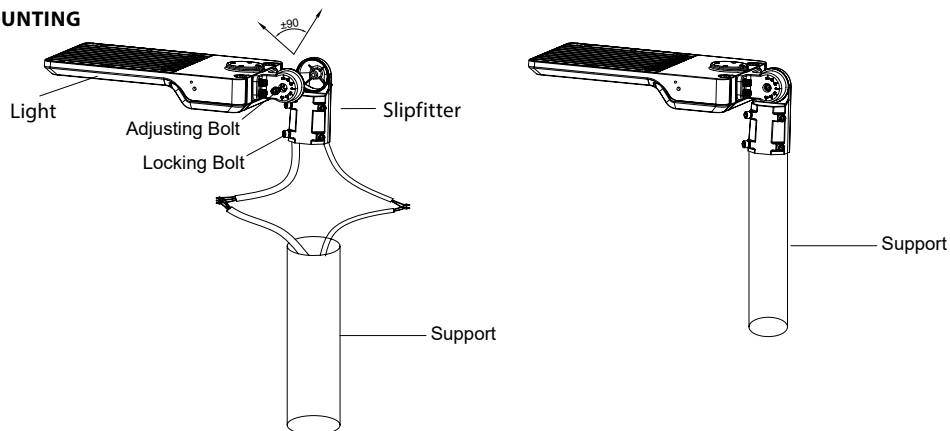
ORDER#	DEPTH	INTERNAL DIAMETER
ALFLASFM	3.5"	2.44"

**Note:** Minimum recommended tenon length of 6".



## PRODUCT OVERVIEW AND INSTALLATION

### STANDARD SLIPFITTER MOUNTING



## ORDERING INFORMATION

Listed below are the selectable wattage settings and lumens for each model number.

AL1503



AL2003/AL3003



ORDERING CODE	DESCRIPTION	WATTS	VOLTS	CCT (K)	LUMENS
AL1503	Area Light	100   125   150	120-277V	3000   4000   5000	14,000   17,500   21,000
AL2003	Area Light	150   175   200	120-277V	3000   4000   5000	21,000   24,500   28,000
AL3003	Area Light	240   270   300	120-277V	3000   4000   5000	33,600   37,800   42,000

## HIGH VOLTAGE

ORDERING CODE	DESCRIPTION	WATTS	VOLTS	CCT (K)	LUMENS
AL1503HV	Area Light	100   125   150	277-480V	3000   4000   5000	14,000   17,500   21,000
AL2003HV	Area Light	150   175   200	277-480V	3000   4000   5000	21,000   24,500   28,000
AL3003HV	Area Light	240   270   300	277-480V	3000   4000   5000	33,600   37,800   42,000

## ACCESSORIES

SC005



SC006



SCR053



SC008



SCR054



OLAPC1



## SENSORS & CONTROLS

ORDERING CODE	DESCRIPTION	USAGE
SC005	Plug-in PIR Sensor	Enable occupancy sensing on pluggable fixtures.
SC006	Plug-in Microwave Sensor	Enable occupancy sensing on pluggable fixtures.
SCR053	Remote Control	Used (with SC005 and SC006 sensor) to adjust settings after installation.
SC008	Plug-in Bluetooth PIR Sensor with IR	This sensor enables wireless control of fixtures, or groups of fixtures, through the LiteSmart mobile app.
SCR054	Remote Control	Used to Commission LiteTronics "Next Generation" LiteSmart IR-Enabled Sensor.
OLAPC1	3-pin photocontrol	Photocontrol for 120-277V.
OLAPC2	3-pin photocontrol	Photocontrol for 277-480V ( <b>MTO Only</b> ).

ALADFM



ALADRM



ALATM



ALAYM1



ALAYM2



## MOUNTS

ORDERING CODE	DESCRIPTION	USAGE
ALADFM	Area Light Direct Fixed Mount	For use with 150W, 200W and 300W area lights.
ALADRM	Area Light Direct Rotatable Mount	For use with 150W, 200W and 300W area lights.
ALATM	Area Light Trunnion Mount	For use with 150W, 200W and 300W area lights.
ALAYM1	Area Light Yoke Mount	For use with 150W area lights.
ALAYM2	Area Light Yoke Mount	For use with 200W and 300W area lights.

## ACCESSORIES



### SURGE PROTECTOR

ORDERING CODE	DESCRIPTION	USAGE
OLASP1	Surge Protector 20KV	Used for applications that need increased surge protection for 120-277V.
OLASP	Surge Protector 20KV	Used for applications that need increased surge protection for 277-480V.

ALAGS1  
ALAGS2



### GLARE SHIELDS

ORDERING CODE	DESCRIPTION
ALAGS1	Area Light Glare Shield for 150 watts <b>(MTO Only)</b> .
ALAGS2	Area Light Glare Shield for 200/300 watts <b>(MTO Only)</b> .

## ACCESSORY LENS

ORDERING CODE	DESCRIPTION
ALAL1502	Area Light Accessory Lens for use with 150W product Type II
ALAL3002	Area Light Accessory Lens for use with 200W/300W product Type II
ALAL1503	Area Light Accessory Lens for use with 150W product Type III
ALAL3003	Area Light Accessory Lens for use with 200W/300W product Type III
ALAL1504	Area Light Accessory Lens for use with 150W product Type IV
ALAL3004	Area Light Accessory Lens for use with 200W/300W product Type IV
ALAL1505	Area Light Accessory Lens for use with 150W product Type V
ALAL3005	Area Light Accessory Lens for use with 200W/300W product Type V

## WIRELESS CONTROL WITH PLUGGABLE SENSORS



The optional MW (SC006), and PIR Sensor (SC005) use a remote control for easy setup and control of individual fixtures.



The smart PIR sensor uses a remote control (SCR054) to Commission and group Litetronics "Next Generation" LiteSmart IR-Enabled SC008 Sensor.



## LITESMART



LiteSmart is a mobile app that enables total management of lighting systems at the touch of your fingers. Within the app, all functionality can be set up and controlled; on/off, dimming, grouping, scene creation and time scheduling. Adjustments can also be made to the occupancy sensor settings, then implemented across an entire group in seconds.

- Total control over your lighting system
- Quick and easy changes that can be implemented in seconds across a group of fixtures
- Further energy reduction via occupancy sensing, and max wattage control
- Ability to create custom scenes based on specific needs, such as presentations
- Time scheduling that sets hours of operation per day



Set up and manage your space with LiteSmart.