LITETRONICS®

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 unit is offered with 3-pin shorting cap, 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 compliance.

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

FEATURES

- Optional slipfitter, direct, trunnion, and yoke mountings available
- Type III distribution (Type II, IV, & V distributions optional)
- 3-pin shorting cap (standard-included)
- Optional glare hields to meet code and local 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
- Trunnion
- Yoke
- Direct

CERTIFICATIONS

DLC LISTED PREMIUM   c(UL)us   FC (FEDERAL COMMUNICATIONS COMMISSION · USA)   RoHS Compliant

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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
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
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
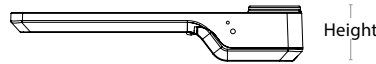**RoHS:** Yes
DLC: 5.1 Premium

MOUNTING

Optional: Slipfitter, Trunnion, Direct and Yoke mounting available

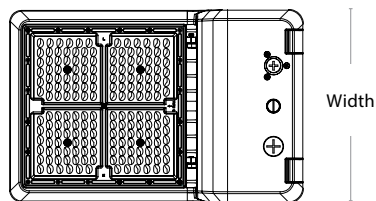## DIMENSIONS / WEIGHT

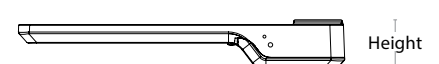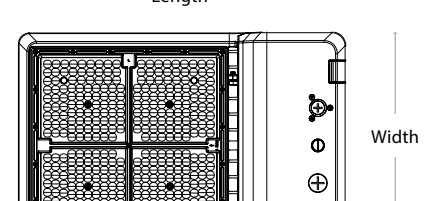| ORDER#	LENGTH	WIDTH	HEIGHT	WEIGHT
AL1503	15.7"	10.4"	3"	12.78 lbs.
AL2003	18.8"	13.1"	3"	19.40 lbs.
AL3003	18.8"	13.1"	3"	19.40 lbs.

AL1503

Note: Lens are rotatable. See installation instructions for details.
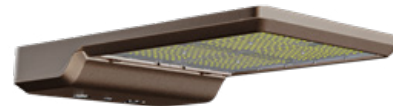
AL2003/AL3003

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   OLAPC2

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 **(MTO Only)**.

FIXTURE MOUNTS

ALFLASFM   ALADFM   ALADRM   ALATM   ALAYM1   ALAYM2

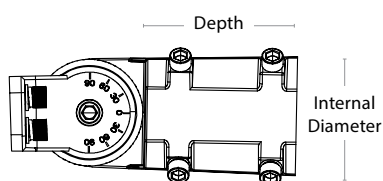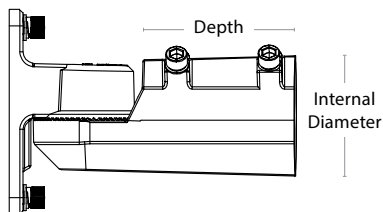## MOUNTS

ORDERING CODE	DESCRIPTION	USAGE
ALFLASFM	Area Light/Flood Light Slipfitter Mount	For use with area light 150-300W and flood light 100-150W product only.
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

SLIPFITTER

ORDERING CODE	DEPTH	INTERNAL DIAMTER
ALFLASFM	3.5"	2.44"

Note: Minimum recommended tenon length of 6".

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.

OLASP1

OLASP

GLARE SHIELDS

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

ALAGS1
ALAGS2

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.