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| 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 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 shields 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



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

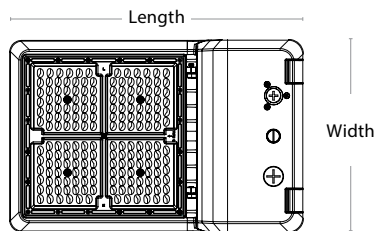
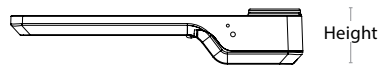
MOUNTING

Optional: Slipfitter, Trunnion, Direct and Yoke mounting available

DIMENSIONS / WEIGHT

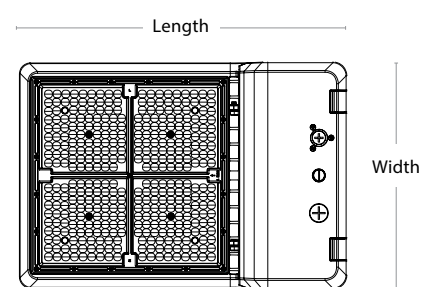
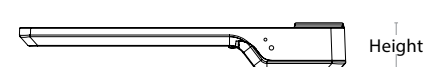
| ORDER# | LENGTH | WIDTH | HEIGHT | WEIGHT |
|--------|--------|-------|--------|------------|
| AL1503 | 15.7" | 10.4" | 3" | 12.78 lbs. |
| AL2003 | 18.8" | 13.1" | 3" | 19.40 lbs. |
| AL3003 | 18.8" | 13.1" | 3" | 19.40 lbs. |

AL1503



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

AL2003/AL3003



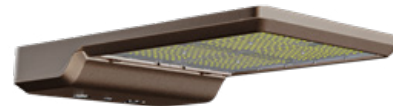
ORDERING INFORMATION

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



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



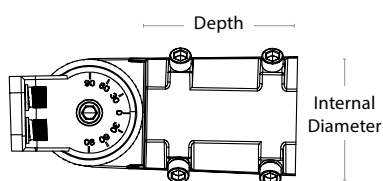
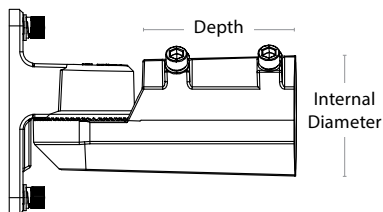
MOUNTS

| 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

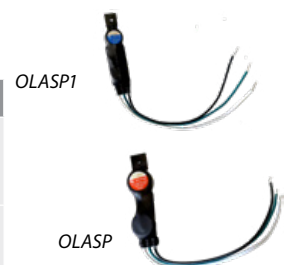
| ORDERING CODE | DEPTH | INTERNAL DIAMETER |
|---------------|-------|-------------------|
| ALFLASFM | 3.5" | 2.44" |

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. |



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) . |



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.