

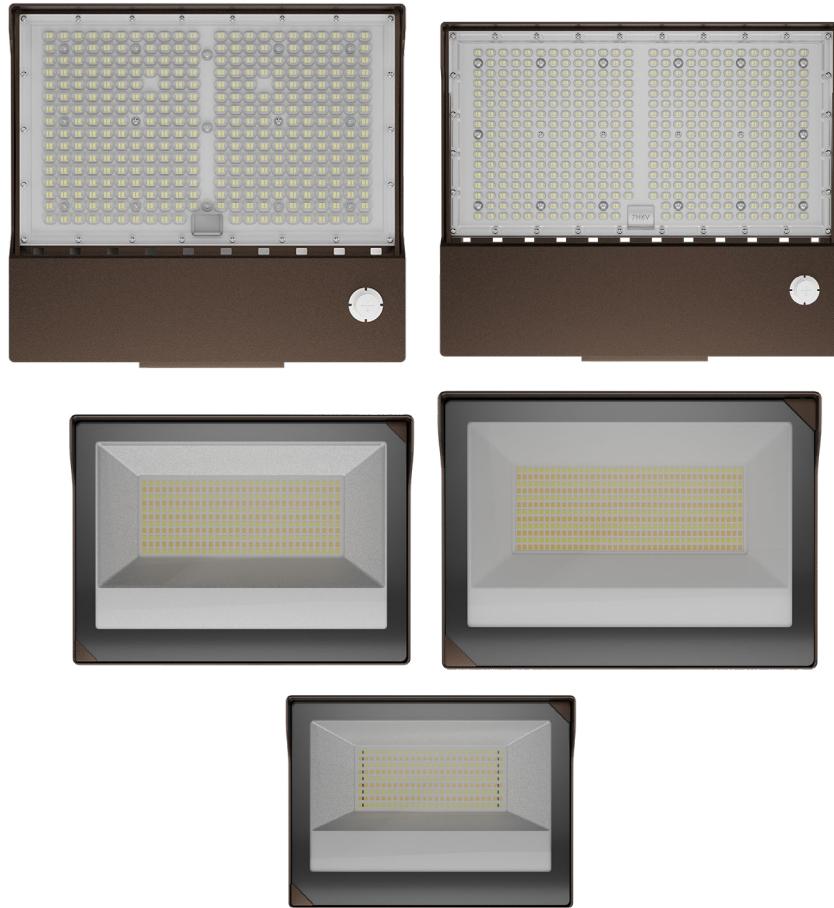
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|-----------|--|-------|
| PROJECT:  |  |       |
| CATALOG # |  |       |
| TYPE:     |  | DATE: |

# LED FLOOD LIGHT

## DESCRIPTION

Litetronics LED Flood Lights are available in two styles and range from 30W to 330W. The units are offered with selectable wattage and CCT (3000K, 4000K and 5000K), photocell, power controller, pluggable sensor socket (150W, 255W, 330W models only) or 3-pin shorting cap (255W & 330W models only). Optional sensors include PIR (SC005), Microwave (SC006) and our LiteSmart Bluetooth Sensor (SC015) provides energy-saving control capabilities, with the added advantage of group-level setup and management through the LiteSmart mobile app, thereby ensuring compliance with code requirements and local ordinances.

The fixtures also offer versatility in installation. The units come standard with cable lengths ranging from 1.15 Ft. – 1.65 Ft. (check model for appropriate cable lengths). Optional mounts offered include yoke, knuckle, trunnion, and slipfitter.



## FEATURES

- Field selectable wattage and CCT (3000K, 4000K, 5000K)
- Optional yoke, knuckle, trunnion and slipfitter mountings available
- 3-pin shorting cap (255W and 330W models only)
- Photocell (60W, 100W & 150W models only), power controller
- Pluggable sensor socket (150W, 255W and 330W models only)
- Compatibility with LiteSmart mobile app (150W, 255W and 330W only)
- 50,000-hour rated life
- 5-year warranty
- DLC 5.1 Premium

## MARKETS

- Monument signs
- Parking lots
- Store fronts
- Yard and lot lighting
- Building facade
- Flag poles
- Statues and monuments

## MOUNTING

- Yoke
- Knuckle
- Trunnion
- Slipfitter

## CERTIFICATIONS



## SPECIFICATIONS

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

**Warranty:** 5 years

### PERFORMANCE

#### Operating temp

**FL0601:** -22F to 122F (-30°C to 50°C) **FL2552:** -40F to 113F (-40°C to 45°C)

**FL1001:** -22F to 122F (-30°C to 50°C) **FL3302:** -40F to 113F (-40°C to

45°C)

**FL1501:** -22F to 122F (-30°C to 50°C)

**Efficacy (LPW):** 140

**CRI - FL0601:** 80 **FL2552:** 70

**FL1001:** 80 **FL3302:** 70

**FL1501:** 80

### ELECTRICAL

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

**Input frequency:** 50/60Hz

**PF:** ≥.95

**THD:** ≤ 20%

#### Surge protection

**FL0601:** 2.5KV **FL2552:** 10KV

**FL1001:** 4KV **FL3302:** 10KV

**FL1501:** 4KV

**Dimming:** 0-10V

**Minimum dimming:** N/A

**Aux. Voltage:** N/A

#### Driver Class

**FL0601:** N/A **FL2552:** Class P

**FL1001:** Class P **FL3302:** Class P

**FL1501:** Class P

#### Whip/Cord

**FL0601:** 1.15' **FL2552:** 1.65'

**FL1001:** 1.65' **FL3302:** 1.65'

**FL1501:** 1.65'

**Sensor:** Plug-In: Choice of MW, PIR, and Bluetooth (150W, 255W and 330W only)

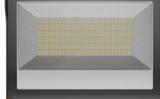
### ORDERING INFORMATION

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

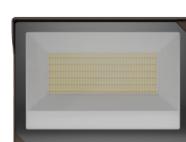
FL0601



FL1001



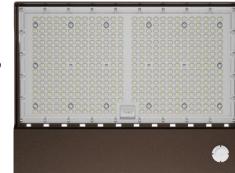
FL1501



FL2552



FL3302



| ORDERING CODE | DESCRIPTION | WATTS           | VOLTS    | CCT (K)            | LUMENS                   |
|---------------|-------------|-----------------|----------|--------------------|--------------------------|
| FL0601        | Flood Light | 30   45   60    | 120-277V | 3000   4000   5000 | 4,200   6,300   8,400    |
| FL1001        | Flood Light | 60   80   100   | 120-277V | 3000   4000   5000 | 8,400   11,200   14,000  |
| FL1501        | Flood Light | 100   120   150 | 120-277V | 3000   4000   5000 | 14,000   16,800   21,000 |
| FL2552        | Flood Light | 150   200   255 | 120-277V | 3000   4000   5000 | 21,000   28,000   35,700 |
| FL3302        | Flood Light | 250   290   330 | 120-277V | 3000   4000   5000 | 35,000   40,600   46,200 |

### HIGH VOLTAGE

| ORDERING CODE | DESCRIPTION | WATTS           | VOLTS    | CCT (K)            | LUMENS                   |
|---------------|-------------|-----------------|----------|--------------------|--------------------------|
| FL2552HV      | Flood Light | 150   200   255 | 277-480V | 3000   4000   5000 | 21,000   28,000   35,700 |
| FL3302HV      | Flood Light | 250   290   330 | 277-480V | 3000   4000   5000 | 35,000   40,600   46,200 |

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[www.Litetronics.com](http://www.Litetronics.com)

### OPTICAL

#### Beam

**FL0601:** 110° **FL2552:** 140°

**FL1001:** 110° **FL3302:** 140°

**FL1501:** 110°

#### Lens

**FL0601:** Glass Clear **FL2552:** Polycarbonate Clear

**FL1001:** Glass Clear **FL3302:** Polycarbonate Clear

**FL1501:** Glass Clear

**UGR:** N/A

### PHYSICAL

**Finish:** Matte Powder Coat

**Color:** Dark Bronze

**Housing:** Painted Steel

### INDUSTRY STANDARDS/RATINGS

#### Bug Rating

**FL0601:** B3-U1-G1

**FL1001:** B3-U1-G1

**FL1501:** B4-U1-G1

**FL2552:** B5-U1-G1

**FL3302:** B5-U1-G2

**IP:** 65

**IK:** N/A

**Location:** Wet

**Outdoor Rated:** Yes

**IC:** No

**UL/ETL:** UL

**FCC:** Yes

**RoHS:** Yes

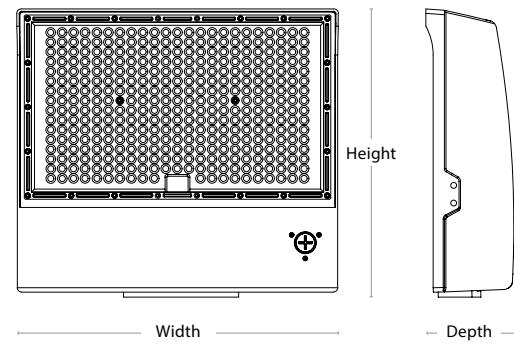
**DLC:** 5.1 Premium

### MOUNTING

**Optional:** Yoke, Knuckle, Trunnion, and Slipfitter mounting

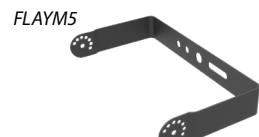
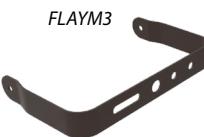
### LARGE FORM FACTOR #2

#### FL2552/FL3302



## Fixture Mounts

### Yoke Mounts



| Ordering Code | Description            | Usage                           |
|---------------|------------------------|---------------------------------|
| FLAYM1        | Flood Light Yoke Mount | For use with 60W product only.  |
| FLAYM2        | Flood Light Yoke Mount | For use with 100W product only. |
| FLAYM3        | Flood Light Yoke Mount | For use with 150W product only. |
| FLAYM4        | Flood Light Yoke Mount | For use with 255W product only. |
| FLAYM5        | Flood Light Yoke Mount | For use with 330W product only. |



### Knuckle Mounts

| Ordering Code | Description               | Usage   |
|---------------|---------------------------|---|
| FLAKM1        | Flood Light Knuckle Mount | For use with 60W product only, 1/2" thread.           |
| FLAKM2        | Flood Light Knuckle Mount | For use with 100W and 150W product only, 1/2" thread. |



### Trunnion Mounts

| Ordering Code | Description                | Usage                                    |
|---------------|----------------------------|--|
| FLATM1        | Flood Light Trunnion Mount | For use with 60W product only.           |
| FLATM2        | Flood Light Trunnion Mount | For use with 100W and 150W product only. |
| FLATM3        | Flood Light Trunnion Mount | For use with 255W and 330W product only. |

### Slipfitter

### Slipfitter Mounts

ALFLASFM

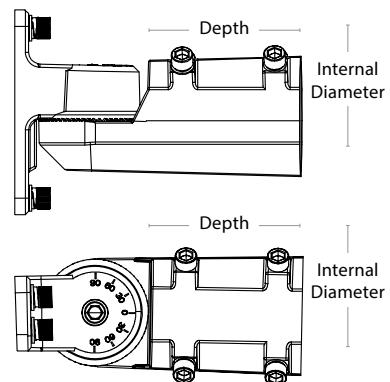


FLASFM3



| Order#   | Depth | Internal Diameter |
|----------|-------|-------------------|
| ALFLASFM | 3.5"  | 2.44"             |

Note: Minimum recommended tenon length of 6".



| 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. |
| FLASFM3       | Flood Light Slipfitter Mount            | For use with 255W and 330W product only.                                |

## ACCESSORIES



## SENSORS & CONTROLS

| ORDERING CODE | DESCRIPTION                                      | USAGE  |
|---------------|--|--|
| SCA010B       | Elbow with 1 Pin Sensor Socket - Black           | Ordered separately - Required for all Plug-In sensors SC005, SC006, SC015.                                 |
| SC005         | Plug-in PIR Sensor                               | Enable occupancy sensing on pluggable fixtures.  |
| SC006*        | Plug-in Microwave Sensor                         | Enable occupancy sensing on pluggable fixtures.  |
| SC015         | Plug-In Bluetooth PIR Sensor with IR for Outdoor | This sensor enables wireless control of fixtures, or groups of fixtures, through the LiteSmart mobile app. |
| SCR053        | Remote Control                                   | Used (with SC005 and SC006 sensor) to adjust settings after installation.                                  |
| SCR054        | Remote Control                                   | Used to Commission LiteTronics "Next Generation" LiteSmart IR-Enabled Sensor.                              |
| OLAPC         | 3-pin Photocontrol for Outdoor Light             | Photocontrol for 120-480V, IP65, black. Enables fixture to turn on/off based on daylight levels.           |

\* Note: Made to Order only.

## SURGE PROTECTOR

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



## WIRELESS CONTROL WITH PLUGGABLE SENSORS



**LITESMART**

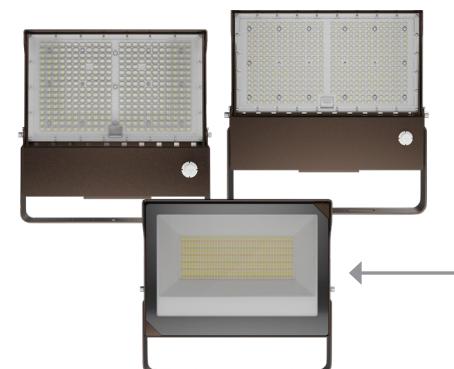


LiteSmart is a mobile app that enables total management of lighting systems at the touch of your fingers. Within the app, all functionality can be set up and controlled; on/off, dimming, grouping, scene creation and time scheduling. Adjustments can also be made to the occupancy sensor settings, then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



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



*Set up and manage your space with LiteSmart.*  
**Note:** 150W, 255W and 330W only.

**Disclaimer:** Specifications are subject to change without notice. While Litetronics makes every effort to ensure accuracy, we do not guarantee the completeness or reliability of the information provided. For the most current product data, please visit [www.litetronics.com](http://www.litetronics.com).