

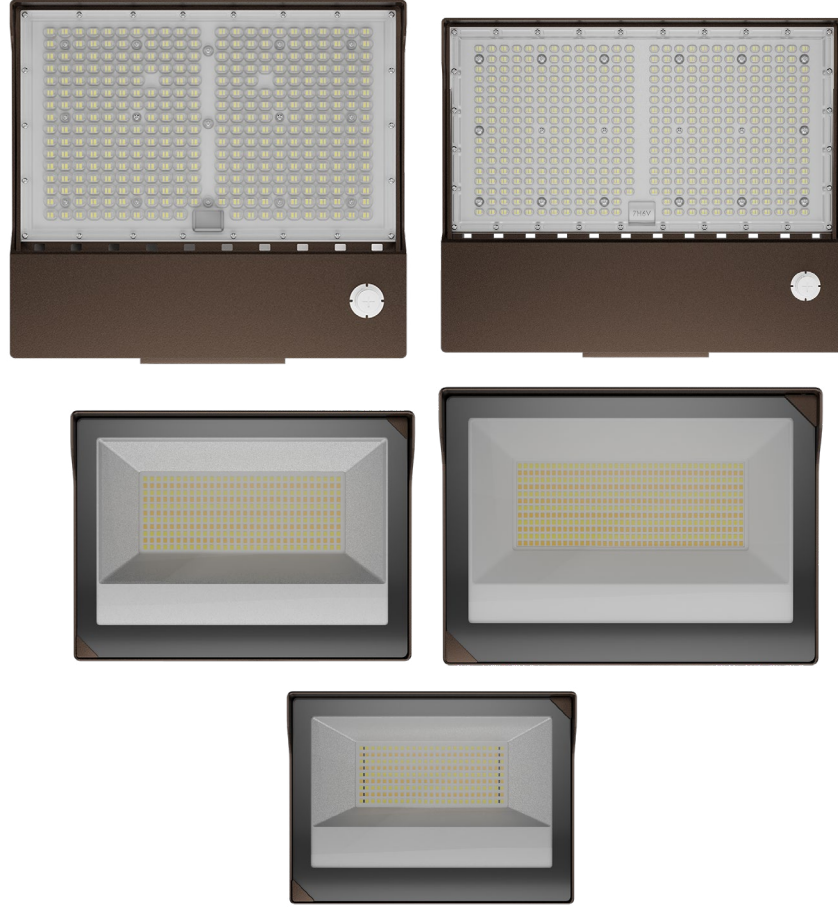
PROJECT:	
CATALOG #	
TYPE:	DATE:

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

FL1001: -22F to 122°F (-30°C to 50°C) **FL3302:** -40F to 113°F (-40°C to 45°C)

FL1501: -22F to 122°F (-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)

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

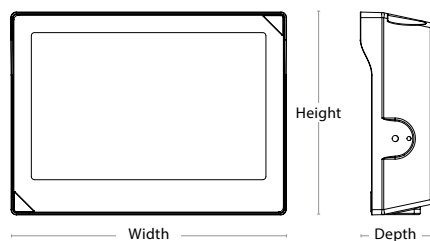
RoHS: Yes

DLC: 5.1 Premium

DIMENSIONS / WEIGHT

ORDER#	WIDTH	HEIGHT	DEPTH	WEIGHT
FL0601	8.70"	6.42"	2.28"	3.42 lbs.
FL1001	10.28"	7.52"	2.72"	6.24 lbs.
FL1501	11.45"	8.3"	2.87"	8.07 lbs.
FL2552	14.29"	12.79"	4.02"	13.45 lbs.
FL3302	16.22"	13.74"	3.94"	17.42 lbs.

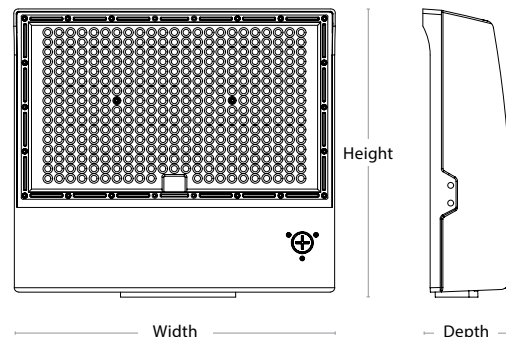
SMALL FORM FACTOR #1 FL0601/F1001/FL1501



MOUNTING

Optional: Yoke, Knuckle, Trunnion, and Slipfitter mounting

LARGE FORM FACTOR #2 FL2552/FL3302



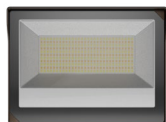
ORDERING INFORMATION

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

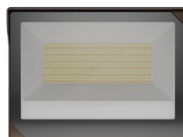
FL0601



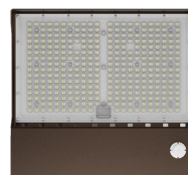
FL1001



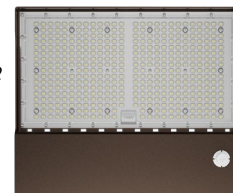
FL1501



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

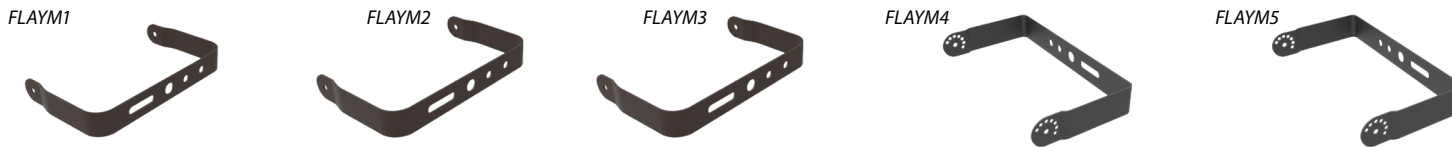
ORDERING CODE	DESCRIPTION	WATTS	VOLTS	CCT (K)	LUMENS
FL2552HV	Flood Light	150 200 255	277-480V	3000 4000 5000	21,000 28,000 35,700
FL3302HV	Flood Light	250 290 330	277-480V	3000 4000 5000	35,000 40,600 46,200

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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 MOUNTS

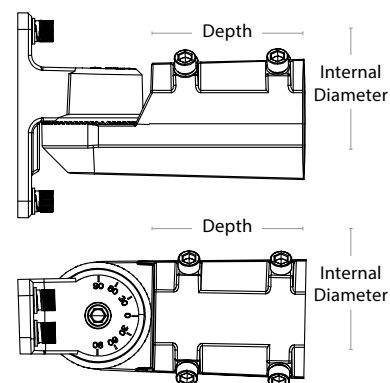


ORDERING CODE	DESCRIPTION	USAGE
ALFLASFM	Area Light/Flood Light Slipfitter Mount	For use with area light 150-300W and flood light 100-150W product only.
FLASF3	Flood Light Slipfitter Mount	For use with 255W and 330W product only.

SLIPFITTER

ORDER#	DEPTH	INTERNAL DIAMETER
ALFLASFM	3.5"	2.44"

Note: Minimum recommended tenon length of 6".



ACCESSORIES



SCA010B



SC005



SC015



SCR053



SCR054



OLAPC

SENSORS & CONTROLS

ORDERING CODE	DESCRIPTION	USAGE
SCA010B	Elbow with 1 Pin Sensor Socket - Black	Ordered separately - Required for all Plug-In sensors SC005 & SC015.
SC005	Plug-in PIR 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 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.

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

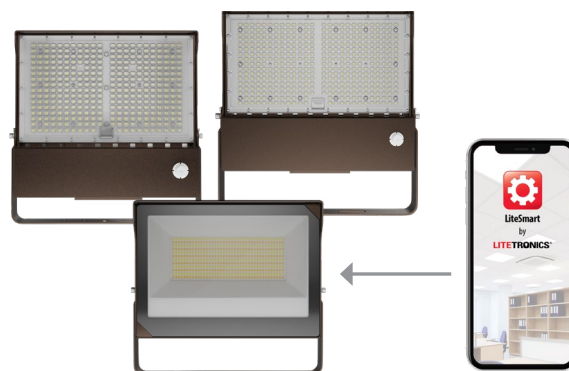


LiteSmart is a mobile app that enables total management of lighting systems at the touch of your fingers. Within the app, all functionality can be set up and controlled; on/off, dimming, grouping, scene creation and time scheduling. Adjustments can also be made to the occupancy sensor settings, then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