



# SFL2-LED600

Sports Flood and Highbay Luminaire



Slip Fit

Yoke

Highbay Yoke

PURCHASE MOUNT SEPARATELY

## IDEAL APPLICATIONS

- Stadiums and Arenas
- Large Distribution Centers
- Construction Sites
- Rail, Work and Shipping Yards
- Hangars
- Bridges, Monuments and Facades

## DESCRIPTION:

The SFL-LED fixture is a versatile, high performance sports flood light designed for recreational and collegiate outdoor fields. It can also be used as a highbay fixture for high ceiling applications such as airplane hangars and large warehouses and distribution centers.

## FEATURES:

### Construction

- Ruggedly designed with die cast aluminum housing and clear polycarbonate lens.
- Intelligently designed heat sink to facilitate maximum air flow.
- Fixture is lightweight compared to most sports floods and has angle increments calibrated on the housing, standard yoke mount, and slip fit mount for precise aiming.

### Electrical

- Standard unit comes with 120-347V driver with 6KV internal surge suppressor and 10KV external surge suppressor.

### Light Performance

- Standard unit comes with a dedicated CCT of 4000K or 5000K.
- Fixture is available in 20°, 30°, 40°, 60° beam distributions for Sports flood applications. Available with 60° beam for highbay applications.

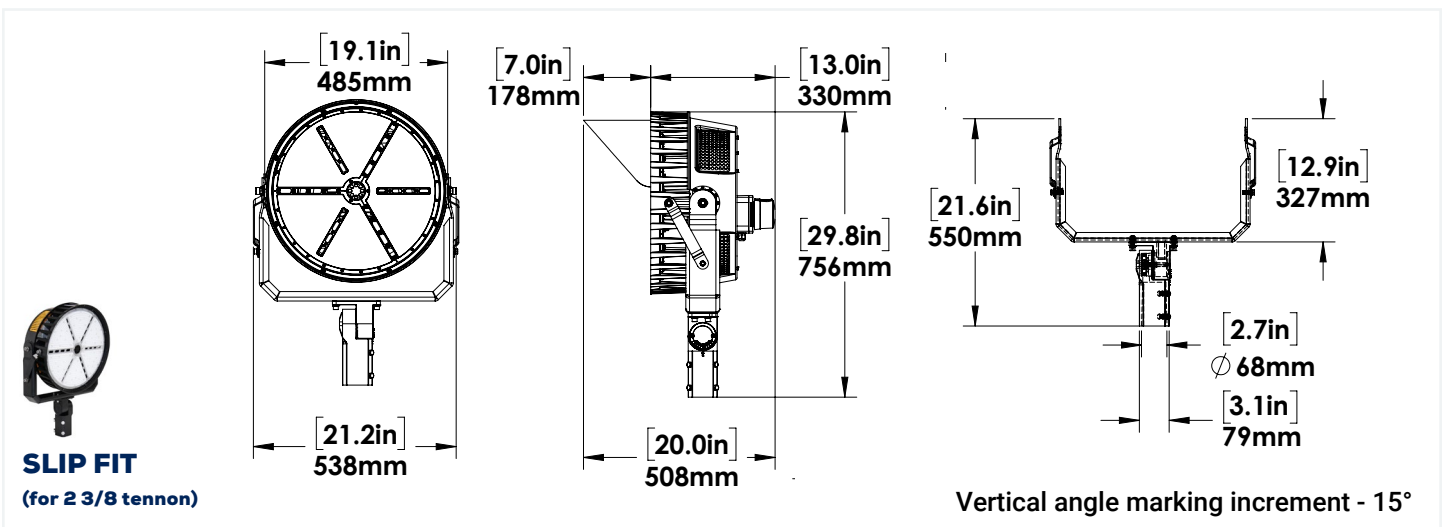
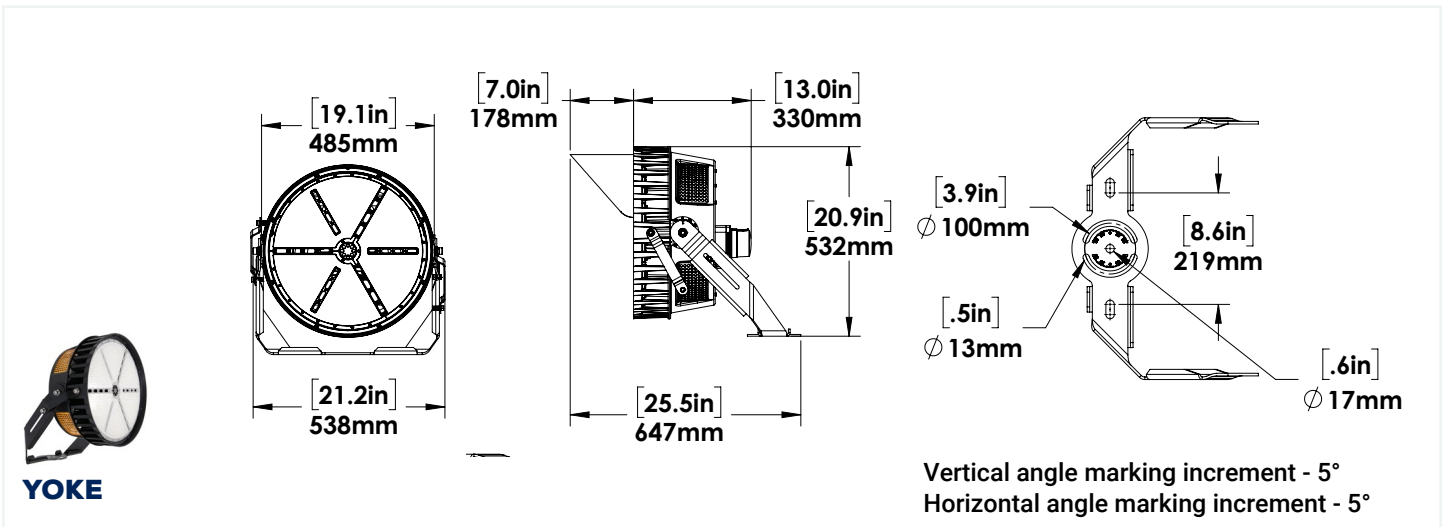
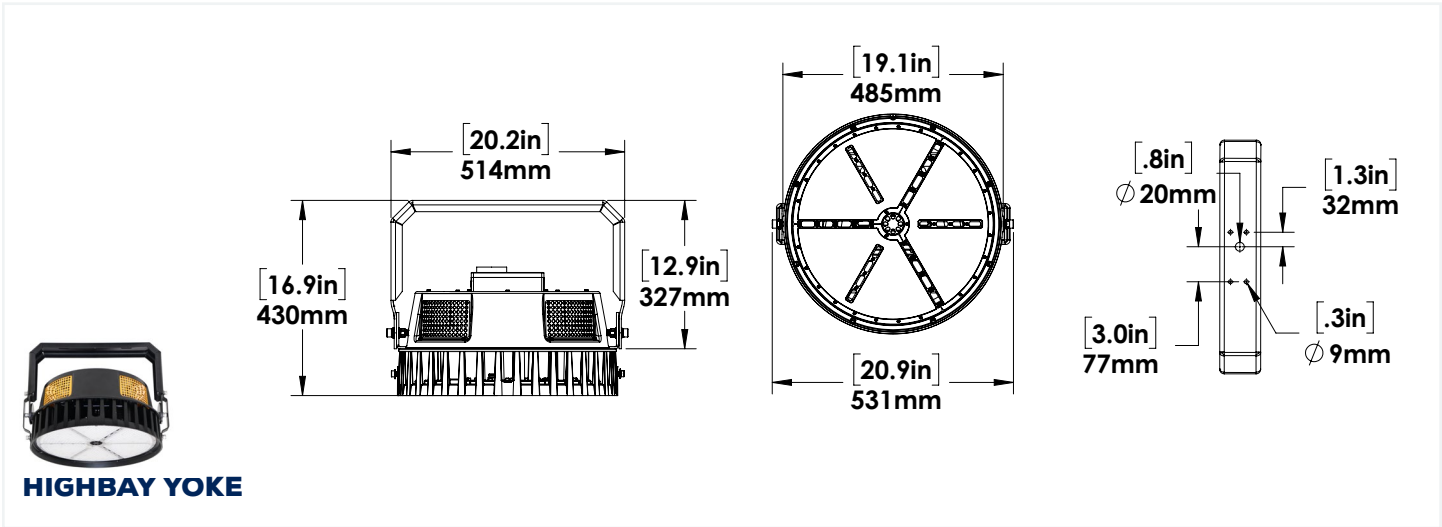
### Mounting

- 3 mounting options available - Yoke, slip fit and highbay yoke. Purchase mounting option separately. Mounting option is field installed.

SPECIFICATIONS	SFL2-LED600
Watts	601.1W
Lumens	92533 Lm
Efficacy	153.9 Lm/W
Voltage	120-347V
Colour Temp	4000K, 5000K
Replaces	1000W MH
CRI	70
Dimming	0-10V Dim to Off (0-100%)
Surge Protection	6 KV Internal (with driver), 10 KV External (added to every fixture)
THD	15%
PF	0.9
Beam Distribution	20°, 30°, 40°, 60°
LED Life (L76)	100,000 Hours
Housing Finish	Matte Black, Custom Colours (optional)
Housing Details	Aluminum
Lens Details	Clear Polycarbonate Lens
Mounting	Yoke Mount, Slip Fit, Highbay Yoke Mount
Operating Temp.	-40°C to +45°C
Cable Length	Input Power - 1m Cable (SJOW 3x16 AWG) Dimming - 1m Cable (SJOW 2x18 AWG)
Factory Installed Options	7 PIN Receptacle with Shorting Cap ANSI C136. 41-2013 compliant, Photocell
Options Sold Separately	Standard Yoke Mount, Slip Fitter, Highbay Yoke Mount, Visor, Laser Pointer (comes with one rechargeable battery and battery charger)
Certifications	UL, Wet Location, IP66, 3G Vibration Tested & DLC 5.1 Premium



**DIMENSIONS:**





**VISOR**

used to reduce glare

**Note:**

Screws included in package.



**LASER POINTER**

used to accurately aim the  
fixture to the desired location

Range of the laser pointer: 200 meters.  
It is operated by rechargeable battery.

**Note:**

Laser pointer package includes one DC  
(rechargeable) battery and battery recharger.

AMPERAGE DRAW & SURGE PROTECTION						
	CURRENT (A)					SURGE PROTECTION
	120V	208V	240V	277V	347V	120-347V
SFL2-LED	5.25A	3.03A	2.63A	2.28A	1.82A	6KV Internal and 10KV External

TM-21 ESTIMATED LUMEN MAINTENANCE			
	50,000 Hours*	75,000 Hours	100,000 Hours
SFL2-LED	87.5%	81.7%	76.2%

EPA (ft <sup>2</sup> )		
	0° Tilt	90° Tilt
SFL2-LED With Yoke	1.72	2.74
SFL2-LED With Slipfit	1.74	2.77

WEIGHT (lbs)	
SFL2-LED With Yoke	62.83
SFL2-LED With Slipfit	67.90
SFL2-LED With Highbay Yoke	62.83

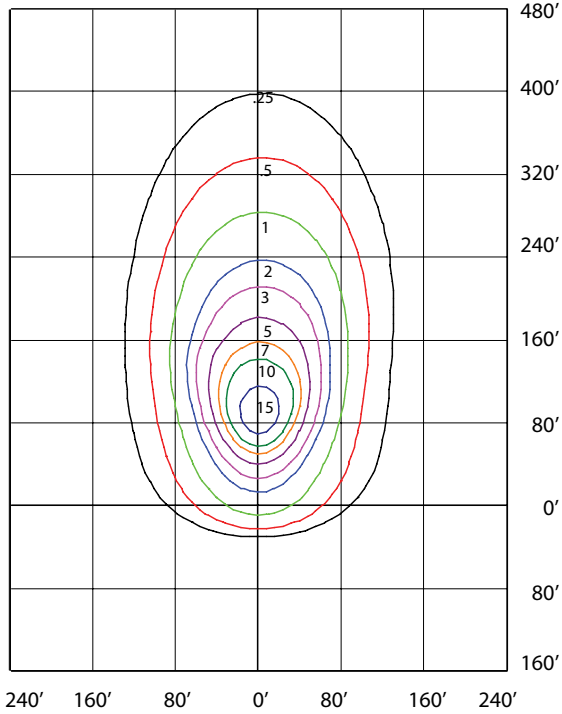
\*Note: LED life can extend to more than 30 years (approximately) based on normal hours of usage.

Example: Expect 87.5% lumen maintenance after 27 years in service (based on usage of 6 hours/day for 300 days in a year).

SPECIFICATIONS							
Model Number	Voltage (V)	Power (W)	Light Output (lm)	Efficacy (lm/W)	THD (%)	PF	CCT (K)
SFL2-LED600-H-4K-20DEG-XXX-DIM-[Blank;7PIN;PC]-SP10	120-347	602	91061	151.3	15.0	0.900	4000
SFL2-LED600-H-5K-20DEG-XXX-DIM-[Blank;7PIN;PC]-SP10	120-347	603	91994	152.7	15.0	0.900	5000
SFL2-LED600-H-4K-30DEG-XXX-DIM-[Blank;7PIN;PC]-SP10	120-347	600	91498	152.6	15.0	0.900	4000
SFL2-LED600-H-5K-30DEG-XXX-DIM-[Blank;7PIN;PC]-SP10	120-347	601	92533	153.9	15.0	0.900	5000
SFL2-LED600-H-4K-40DEG-XXX-DIM-[Blank;7PIN;PC]-SP10	120-347	600	90968	151.5	15.0	0.900	4000
SFL2-LED600-H-5K-40DEG-XXX-DIM-[Blank;7PIN;PC]-SP10	120-347	601	91915	152.9	15.0	0.900	5000
SFL2-LED600-H-4K-60DEG-XXX-DIM-[Blank;7PIN;PC]-SP10	120-347	600	90259	150.4	15.0	0.900	4000
SFL2-LED600-H-5K-60DEG-XXX-DIM-[Blank;7PIN;PC]-SP10	120-347	601	91246	151.8	15.0	0.900	5000

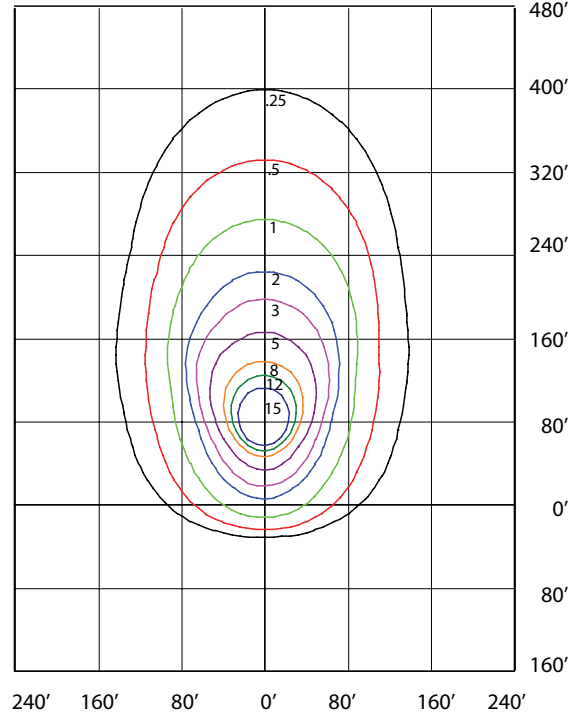
SFL2-LED600-H-4K-30DEG-BLK-DIM  
MOUNTED AT 50 FEET 60 DEGREE TILT

Lumens 95363 Maximum Calculated Value 18.86 Fc



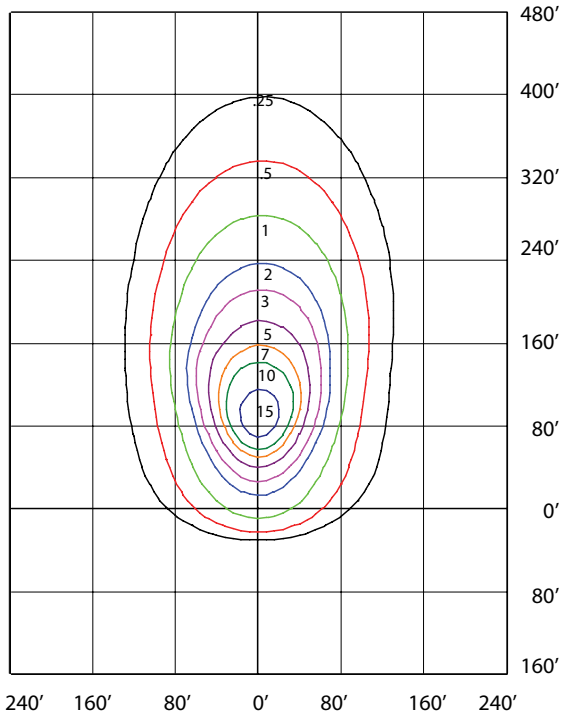
SFL2-LED600-H-4K-40DEG-BLK-DIM  
MOUNTED AT 50 FEET 60 DEGREE TILT

Lumens 96519 Maximum Calculated Value 16.53 Fc



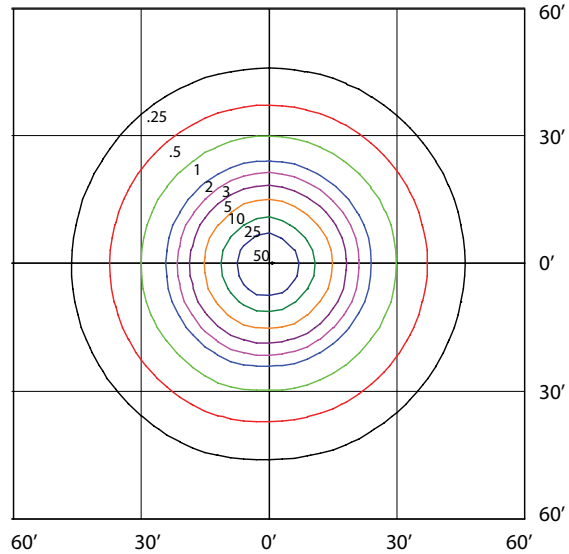
SFL2-LED600-H-4K-60DEG-BLK-DIM  
MOUNTED AT 50 FEET 50 DEGREE TILT

Lumens 93314 Maximum Calculated Value 17.11 Fc



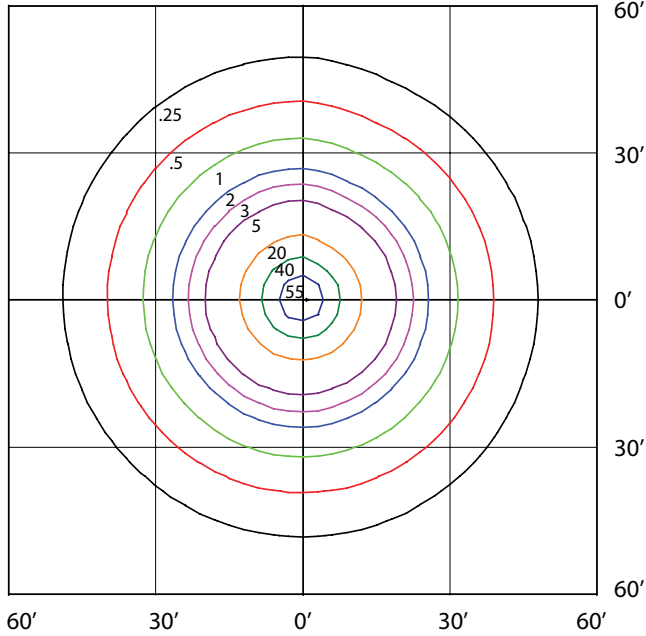
SFL2-LED600-H-4K-30DEG-BLK-DIM  
MOUNTED AT 50 FEET

Lumens 95363 Maximum Calculated Value 84.04 Fc



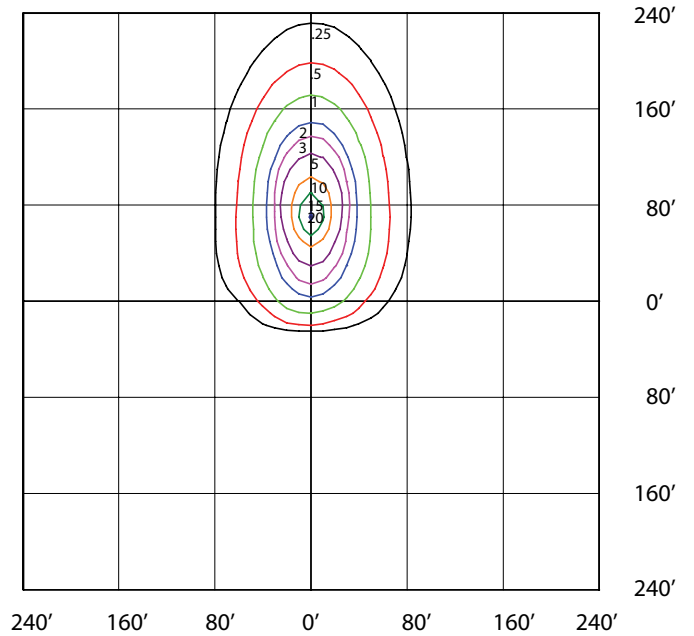
SFL2-LED600-H-4K-40DEG-BLK-DIM  
MOUNTED AT 50 FEET

Lumens 96519 Maximum Calculated Value 63.68 Fc



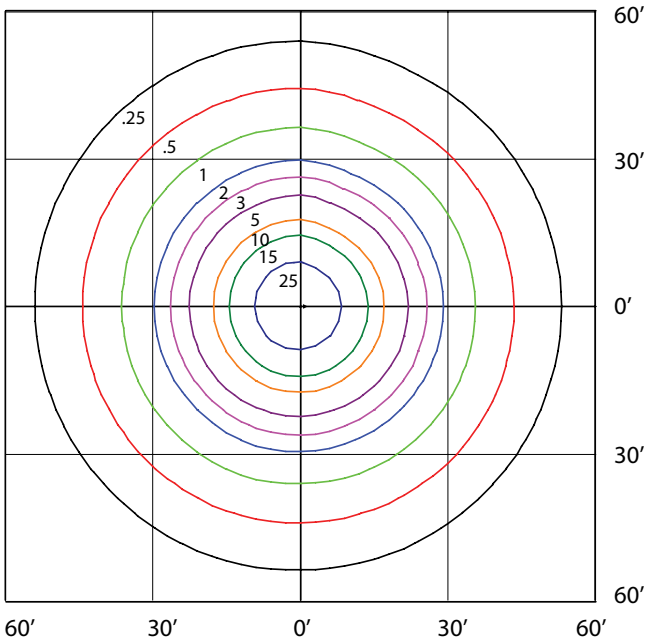
SFL2-LED600-H-4K-20DEG-DIM-SP10  
4000K  
MOUNTED AT 50 FEET 60 DEGREE TILT

LUMENS 90188 MAX CALCULATED VALUE 20.74 Fc



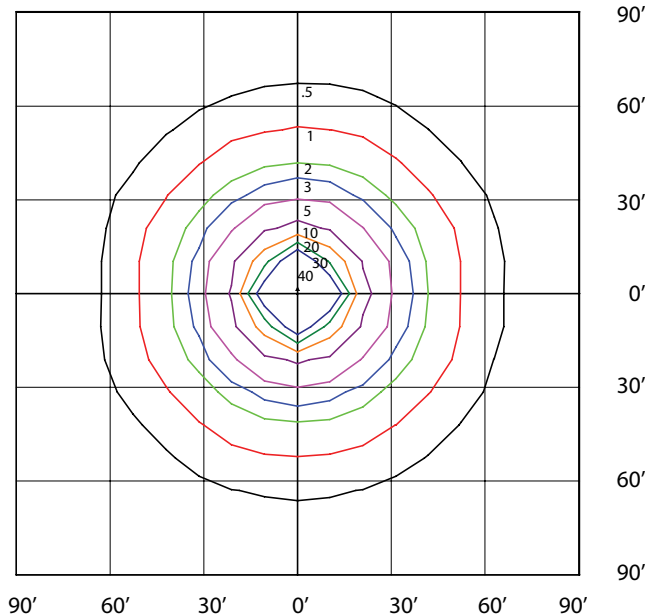
SFL2-LED600-H-4K-60DEG-BLK-DIM  
MOUNTED AT 50 FEET

Lumens 93314 Maximum Calculated Value 34.02 Fc



SFL2-LED600-H-4K-20DEG-DIM-SP10  
4000K  
MOUNTED AT 50 FEET

LUMENS 90188 MAX CALCULATED VALUE 131.36 Fc



## ORDERING GUIDE:

SFL2		LED600				DIM		SP10
Fixture	Wattage	Voltage	Colour Temp.	Optics	Finish	Dimming	Options	Surge Protection
	LED600	H - 120-347V	4K - 4000K 5K - 5000K*	20DEG - 20 Degrees 30DEG - 30 Degrees 40DEG - 40 Degrees 60DEG - 60 Degrees  (For highbay applications, 60DEG optics is recommended)	BLK - Matte Black* CC - Custom Colours	DIM - 0-10V Dimming	BLANK 7PIN - 7 PIN Receptacle for Smart Controls PC - Photocell**	SP10 - 10kV Surge Protection

\* Standard Configuration

\*\*Note: When ordering photocell, fill "B" in the voltage field if input voltage is 120-277V or "C" instead of H when input voltage is 347V

STOCK CODE	DESCRIPTION
081911	SFL2-LED600-H-4K-20DEG-BLK-DIM-SP10
093699	SFL2-LED600-H-4K-30DEG-BLK-DIM-SP10
093702	SFL2-LED600-H-4K-40DEG-BLK-DIM-SP10
093533	SFL2-LED600-H-4K-60DEG-BLK-DIM-SP10
081912	SFL2-LED600-H-5K-20DEG-BLK-DIM-SP10
093532	SFL2-LED600-H-5K-30DEG-BLK-DIM-SP10
093703	SFL2-LED600-H-5K-40DEG-BLK-DIM-SP10
093701	SFL2-LED600-H-5K-60DEG-BLK-DIM-SP10

### ORDERING GUIDE FOR ACCESSORIES

#### Options Sold Separately

Check the items that you wish to order:

- 002484 - SFL2- SLIP FIT BLK
- 002489 - SFL2 - SPORT FLOOD LIGHT YOKE BLK
- 002492 - SFL2-VISOR BLK
- 002487 - SFL2-HIGHBAY YOKE BLK
- 002492 - SFL1/SFL2-LASER POINTER