



Smart LED Lighting



LED Sports Lighter

Architectural Flood and Spot Luminaires

Features & Benefits:

- Directive 15° ~ 60° Beam Angle
- 10-Years / 80,000 Hours Warranty (★)
- Input Voltage Range 120V-277V-480V
- IP67 Suitable for Damp & Wet Locations
- Built-in 20KV/10KA Surge Protection (SPD)
- Optional Remote Driver ("RD") Applications
- 0~10V Dim to Off, or DMX512 Integral Controls
- Flicker Free <0.5%, Low THD <20%, High PF >0.95



Model	Product	Size	Power	Flux	HID Equal
SFL-300WD-ccK-NF-277V SFL-300WD-ccK-NF-480V	LED Stadium Flood Light 300W ccK 40° 277V/480V	(W) 17" (H) 17"	300W	52,000 Lumens	1,000W
SFL-400WD-ccK-NF-277V SFL-400WD-ccK-NF-480V	LED Stadium Flood Light 400W ccK 40° 277V/480V	(W) 17" (H) 17"	400W	69,000 Lumens	1,000W
SFL-500WD-ccK-NF-277V SFL-500WD-ccK-NF-480V	LED Stadium Flood Light 500W ccK 40° 277V/480V	(W) 17" (H) 17"	500W	87,000 Lumens	1,500W
SFL-600WD-ccK-NF-277V SFL-600WD-ccK-NF-480V	LED Stadium Flood Light 600W ccK 40° 277V/480V	(W) 17" (H) 17"	600W	105,000 Lumens	1,500W
SFL-800WD-ccK-NF-277V SFL-800WD-ccK-NF-480V	LED Stadium Flood Light 800W ccK 40° 277V/480V	(W) 17" (H) 17"	800W	143,600 Lumens	2,000W

- "277V" for 120-277Vac or "480V" for 208-480Vac ~50/60Hz • P.F. > 0.95 • THD < 20% • Cable Connection •
- "ccK" Color Temp. "18K" 1800K, "30K" 3000K, "40K" 4000K, "50K" 5000K ±10% • 174lm/W • CRI ≈ 80 •
- (★) Rated Life 80,000 Hrs. (L₇₀ B₅₀) at T_A 25°C Max. • (#) IP67 LED Housing ≈ NEMA Enclosure Rating 6 •
- Beam Angle: "SF" Sharp Flood 15°, "NF" Narrow Flood 40°, "MF" Medium Flood 60° • PC Lense •
- EPA 2.1 • Flicker Free "Low Optical Flicker" Less than 0.5% • <2% Blue • Marine Grade Finish •

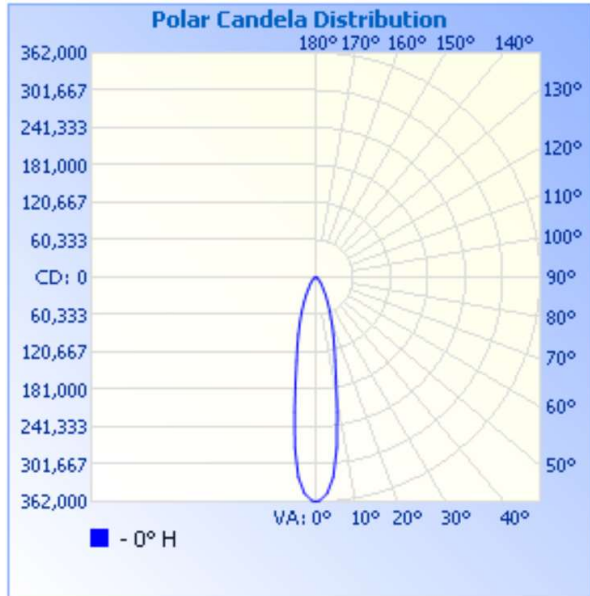


Smart LED Lighting

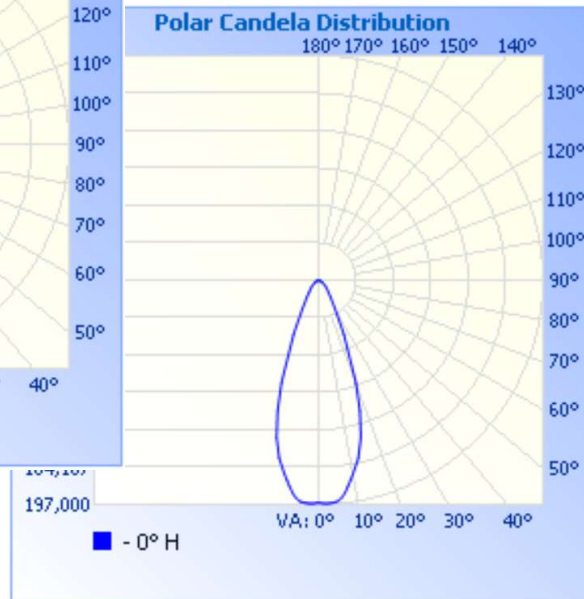


LED Sports Lighter

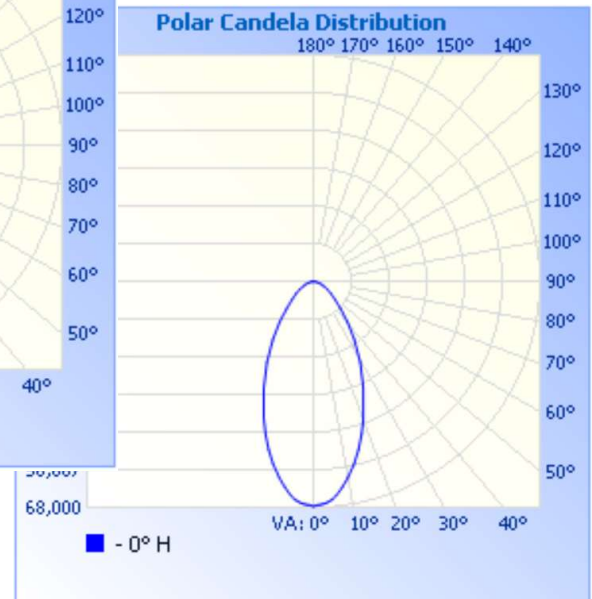
Architectural Flood and Spot Luminaires



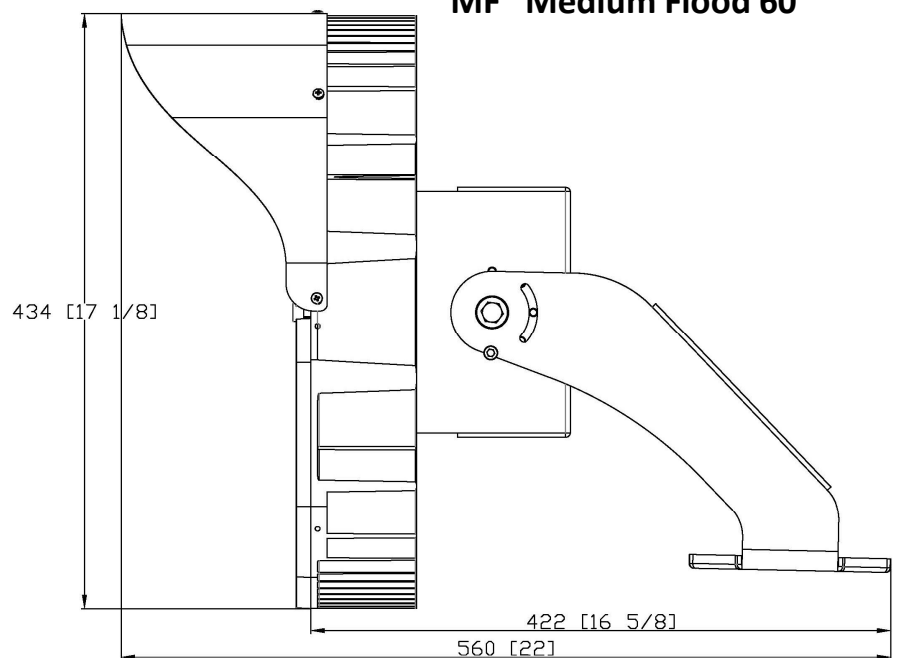
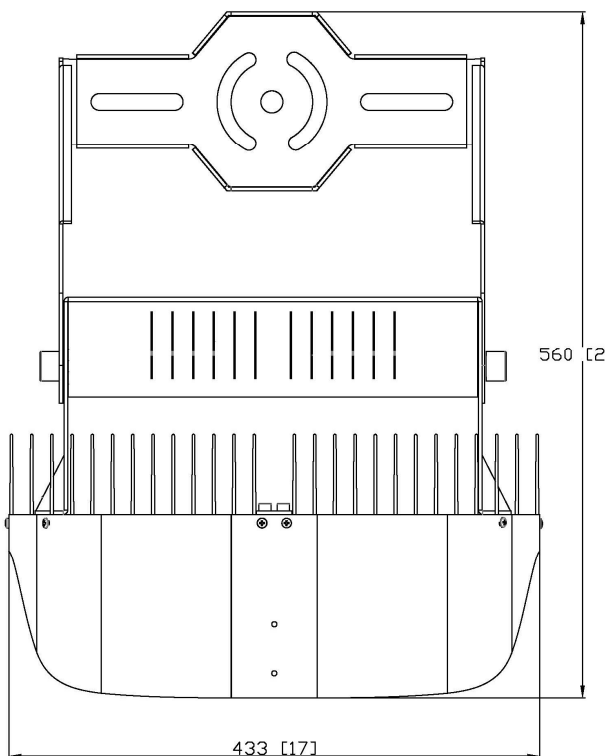
"SF" Sharp Flood 15°



"NF" Narrow Flood 40°



"MF" Medium Flood 60°

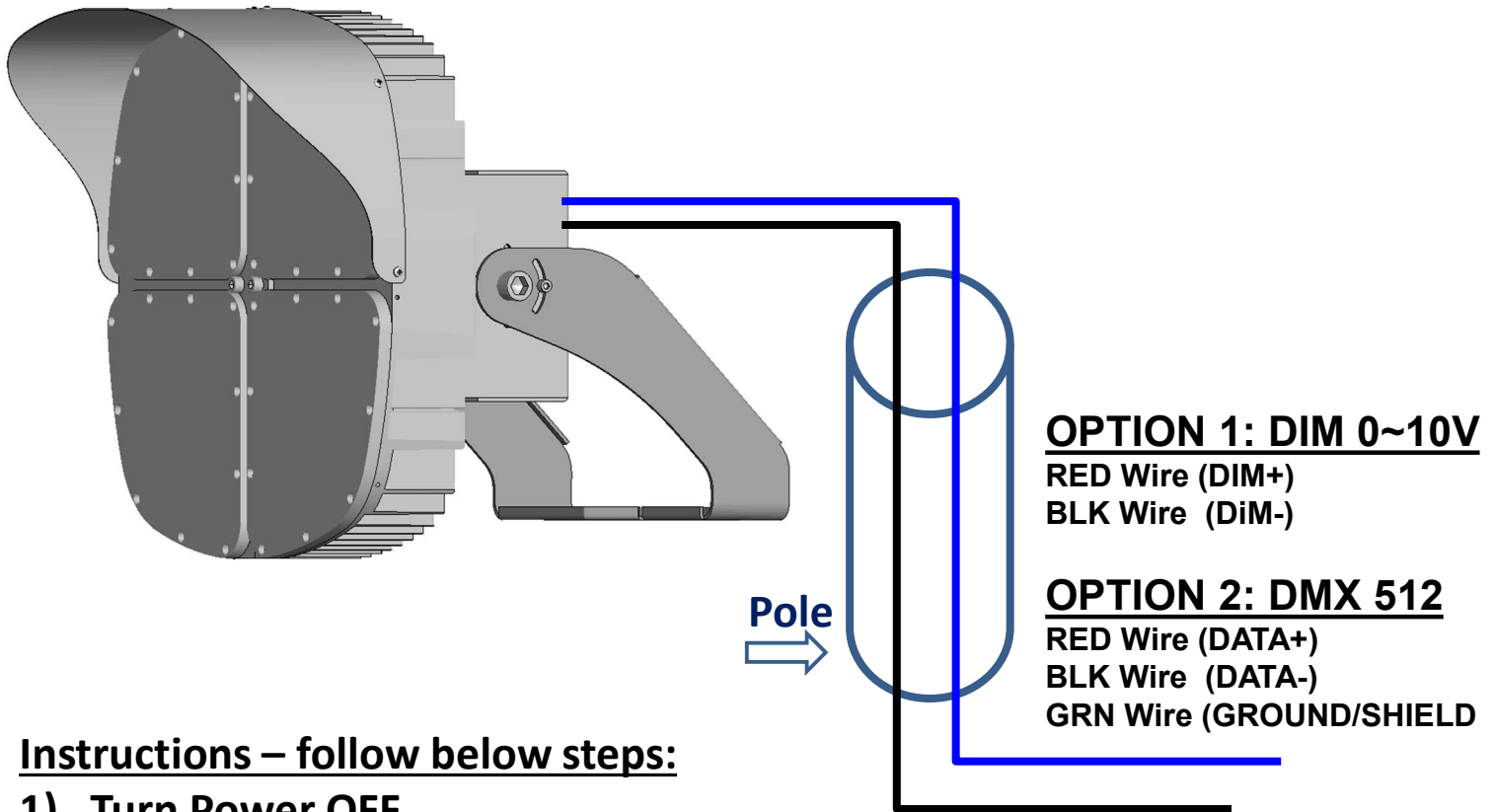




LED Sports Lighter

Architectural Flood and Spot Luminaires

INSTALLATION & WIRING DIAGRAM



Instructions – follow below steps:

- 1) Turn Power OFF
- 2) Connect Mains Wires Phase/Neut./Ground
- 3) Connect Dimmer 0-10V or DMX 512 Wires:
Option 1: RED Wire (DIM+) & BLK Wire (DIM-)
Option 2: RED Wire (Data+), BLK Wire (Data-), GRN Wire (Ground/Shield)

POWER

Black Wire: Phase (~) or Hot 1
White Wire: Neutral (0) or Hot 2
Yellow/Green Wire: Ground

WARNING: Do Not Exceed Fixture's Max Rated Voltage between Phase to Neutral or Hot 1 & Hot 2

- a. Max. 277Vac for 120-277Vac ("277V" Fixture)
- b. Max. 480Vac for 208-480Vac ("480V" Fixture)

- 4) Turn Power ON

WARNING – Turn Power Off during Wiring of LED Fixtures !



Smart LED Lighting



LED Sports Lighter

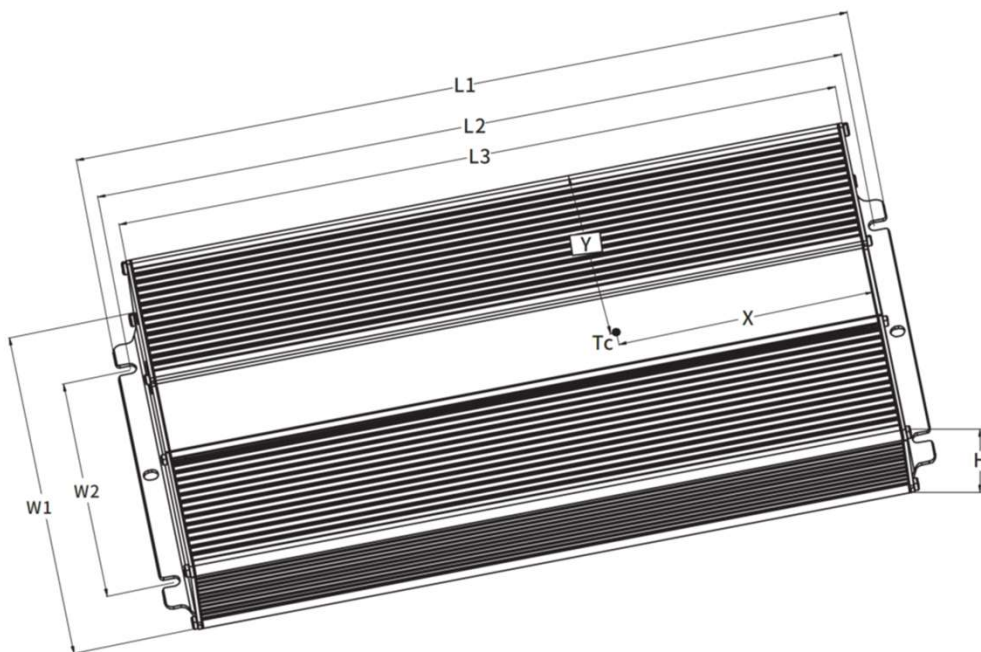
Architectural Flood and Spot Luminaires

Dimensions & Weight

	BUILT-IN DRIVER	REMOTE DRIVER	NOTES
Model #	SFL-300W, SFL-400W, SFL-500W, SFL-600, SFL-800W		
Unit Weight	41 Lb. [18.6 Kg.]	32 Lb. [14.5 Kg.]	Unit Only, No Packing
Packaged Unit Weight	48 Lb. [21.9 Kg.]	48 Lb. [21.9 Kg.]	With Carton + Driver
Carton Dims	(L) 29½" x (W) 20" x (H) 13" [(L) 62 x (W) 52 x (H) 27 CM]		LED Driver 9 Lb./[4.1Kg.]

REMOTE LED DRIVER DIMS

Name Description	Standard Code	mm(In.)
Overall Length	L1	276(10.87)
Mounting Hole Length	L2	265(10.43)
Case Length	L3	254(10)
Case Height	H	49.5(1.95)



Name Description	Standard Code	mm(In.)
Case Width	W1	144(5.67)
Mounting Hole Width	W2	97(3.82)
TC Point Position	X	72(2.83)
TC Point Position	Y	80(3.15)



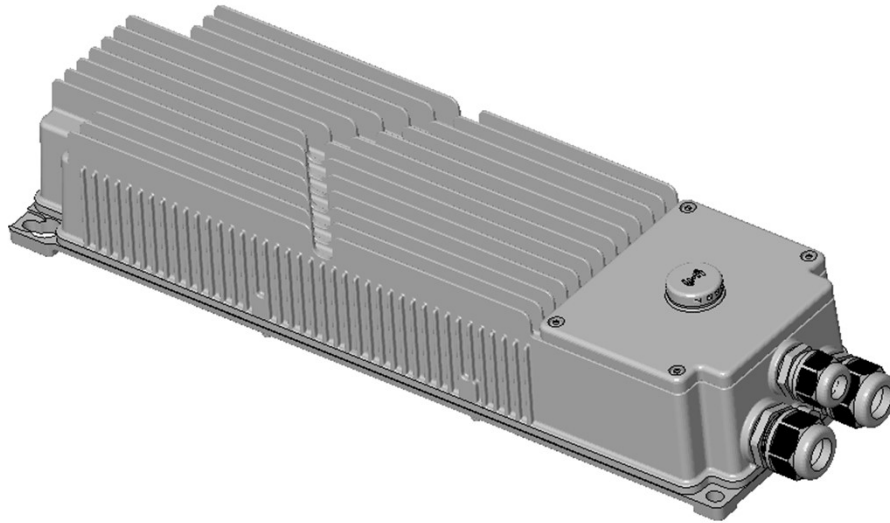
Smart LED Lighting



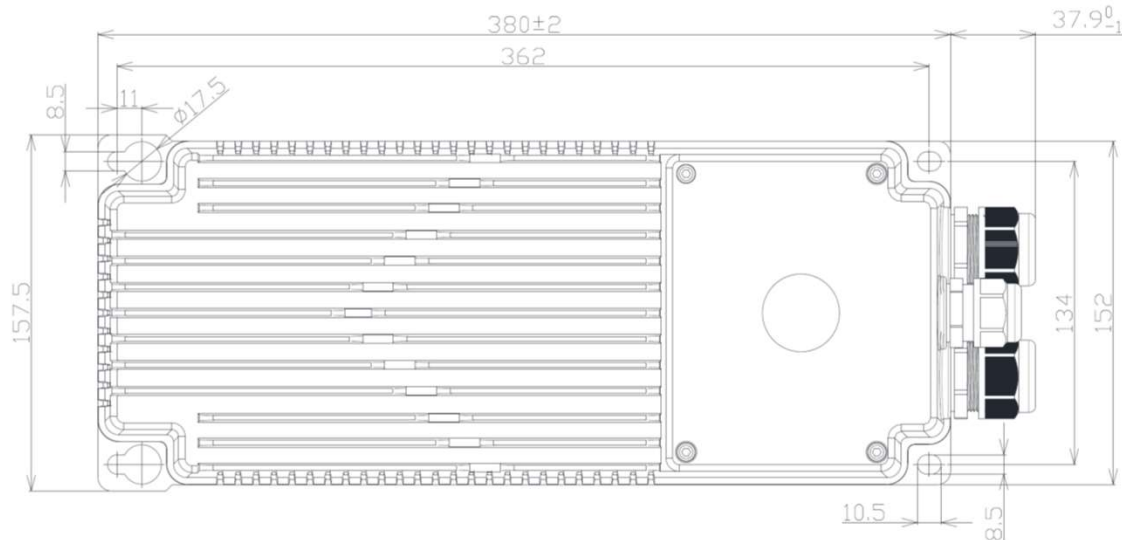
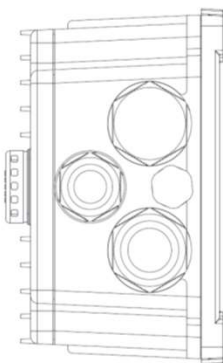
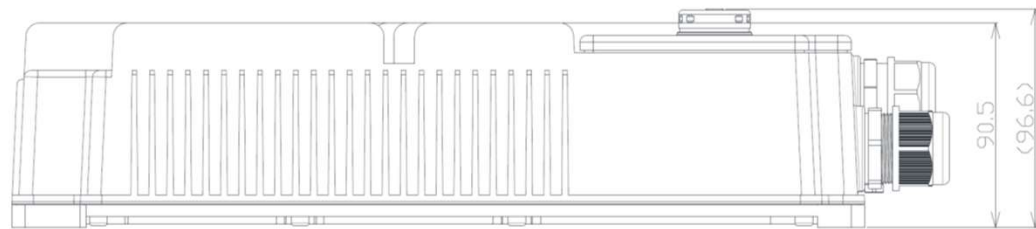
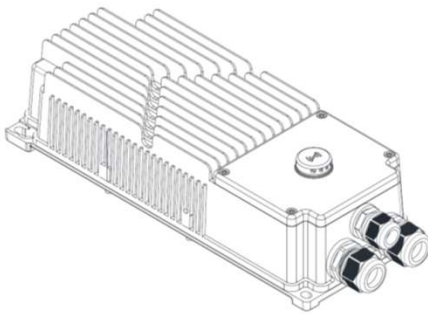
LED Sports Lighter

Architectural Flood and Spot Luminaires

Optional Remote Driver in Water Proof Box



REMOTE LED DRIVER DIMS



Unspecified tolerance : ±1



Smart LED Lighting



LED Sports Lighter

Architectural Flood and Spot Luminaires

Model Number Nomenclature

SFL-nnnWD-ccK-yF-xxxV [PC,MS,NC] RD DMX

SFL
Stadium Flood Light
Fixture Series

nnnW
Power in Watt

D
0~10V Dimmable
LED Driver

ccK
Correlated Color
Temperature (CCT)

yF
Beam Angle

xxxV
Operating AC
Voltage ~50/60Hz

[PC,MS,NC]
Optional Integral
Controls

**RD -Remote
LED Driver
DMX512**

Power ►	300W	400W	500W	600W	800W
(Watt)	SFL-300WD	SFL-400WD	SFL-500WD	SFL-600WD	SFL-800WD
CCT ►	3000K	4000K	5000K	1800K	
±10%	30K	40K	50K	18K	
Beam ► Angle	Sharp Flood 15°	Narrow Flood 40°	Medium Flood 60°	RD – REMOTE DRIVE	DMX DMX512
(Degrees)	SF	NF	MF		
Voltage ►	120~277V	208~480V			
(Vac)	277V	480V			
Options: Not Standard - On Request Only					

Remote LED Driver: "RD" upto 100ft

Integral Controls: "PC"=Photocell, "MS"=Motion Sensor, "NC"=Network Control

CCT: "22K"=2200K, "27K"=2700K, "35K"=3500K

Wattage: 320W, 350W, 480W, 700W

High Power Laser Pointer for Aiming / Targeting