Description

A versatile flood light with full o erings from 200W to 1,200W. This fixture is ideal to retrofit the 400W to 1,500W traditional HID lamps. The modular design assembles quickly and with easy adjustments can accommodate a variety of field conditions, mounting heights, and lens angles for optimal illumination.Full complement of wattages from 200 to 600W, replacing 400W to 1500W HID lamps. Easy to install and adjust, with four beam angles to satisfy all sports field or outdoor applications requiring maximum precise illumination. 20KVA surge will assure proper operation during lightning events.

Key Features

• Modular design from 200W to 600W.
• Vertically angle adjustment, easy way to adjust the light angle and create diversity of lighting environment.
• This convenient and humanized design enable it fit for different requests in outdoor lighting applications.
• Multiple optics option symmetric beam from 10° to 60°, also asymmetric beam to offer excellent light pollution control.
• Efficiency up to 140lm/W, more energy saving.
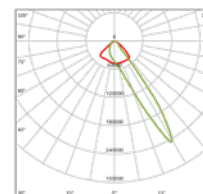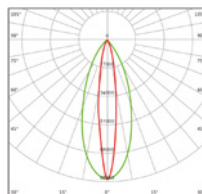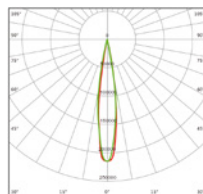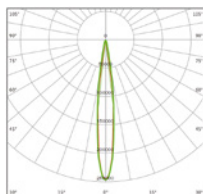• Provided with 10KV or 20KV built-in surge protection devices.

Applications

• Parking lots
• Outdoor Sports
• Square
• Stadium
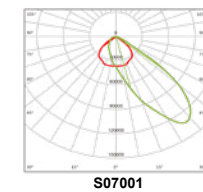• For recreational sports (tennis courts, basketball courts...)
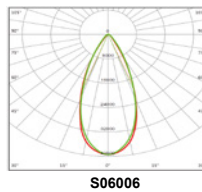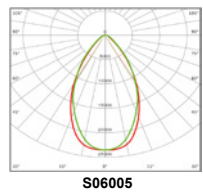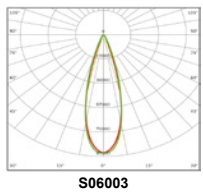• Exhibition center
• Soccer field

*Lumen ouput and light distribution are only for reference. Not all product variations listed on this page are DLC Standard/Premium qualified. Visit www.designlights.org/search to confirm qualification.

Electrical Information

Model No.	FL10-200	FL10-400	FL10-600
Power Consumption (±3%)	200W(±5%)	400W	600W
Power Supply	SOSEN		
Input Voltage	120-277 VAC /277-480VAC, 50 / 60 Hz		
Power Factor	>0.92		
Surge Protection	6kV line-line, 10kV line-earth	10kV line-line, 20kV line-earth	
Driver Type	Constant Current (CC)		
Control	Dimmable		

Optic Information

LED Type 1	LED 5050 (for 30°, 45°, 60°, 38x100°)		
Luminous Flux (±10%)	28000lm	56000lm	84000lm
Efficacy (5000K Ra70)	140lm/W		
Beam Angle	F06003, F06005, F06006, F07001		
LED Type 2	LED 3737 (for 10°, 15°, 15x40°, 14x108°)		
Luminous Flux (±10%)	26000lm	52000lm	78000lm
Efficacy (5000K Ra70)	130lm/W		
Beam Angle	F06001, F06002, F06004, F07002		
Correlated Color Temperature	5000K (4000K optional)		
Color Rendering Index	Ra70 (Ra80 optional)		
UGR level	NA		

Dimensions and Mount

Product Dimension	322×305×120mm (12.67"×12"×4.7")	440×335×159mm (17.32"×13.19"×6.26")	562×335×163mm (22.13"×13.19"×6.42")
Luminaire Net Weight	6.0±0.3kg(13.22±0.66lbs)	10.5±0.3kg(23.14±0.66lbs)	15.0±0.5kg(33.07±0.66lbs)
Export Carton Size	360×160×375m (14.17"x6.29"x14.76")	510x405x220mm (20.07"×15.94"×8.66")	615x395x235mm (24.21"×15.55"×9.25")
Gross Weight	6.5±0.3kg(14.33±0.66lbs)	12.0±0.3kg(26.45±0.66lbs)	18.1±0.3kg(39.9±0.66lbs)
Mounting Option	Bracket mounting		
Material	Aluminum alloy		
	Tempered glass and Polycarbonate optical lens		
Finish	Powder coating		
Fixture Color	Silvery grey(RAL9006)		
EPA	0.07m²/0.77ft²	0.11m²/1.20ft²	0.16m²/1.72ft²
IK Rating	IK08		
IP Rating	IP66		
Category of corrosion	C3		

Lifespan and Warranty

Operating Temperature	-30°C to + 50°C (-22°F to 122°F)		
Life Time of LED @Ta=25°C	44,000hrs-L90		
	93,000hrs-L80		
	147,000hrs-L70		
Warranty	5 years		

New Features

* Please consult us for details.

Photometry

LED3737

S06001	S06002	S06004	S07002

LED5050

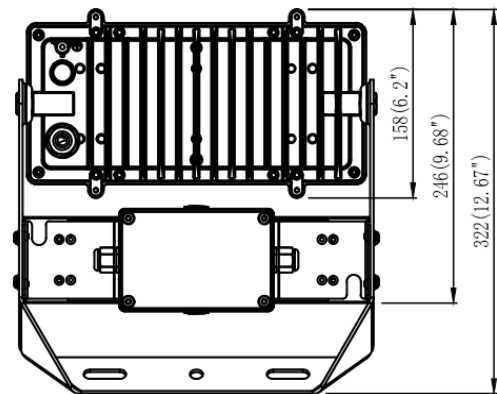|			
S06003	S06005	S06006	S07001

Mounting Options

Bracket mounting

200W   400W   600W

Dimensions

Unit:mm

200W

305 (12")
287 (11.29")
120 (4.7")
158 (6.2")
246 (9.68")
322 (12.67")

400W

335 (13.19")
303 (11.92")
159 (6.26")
87 (3.42")
324 (12.7")
384 (15.1")
440 (17.32")

Unit:mm

335 (13. 19")
303 (11. 92")
163 (6. 42")
87 (3. 42")
488 (19. 21)
501 (19. 7")
562 (22. 13")

600W

SS-200VA

SS-200VA
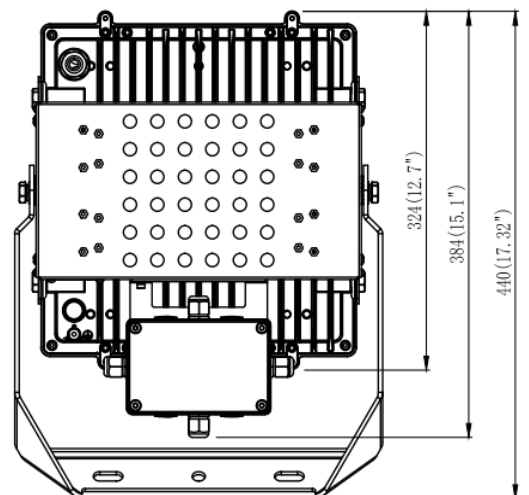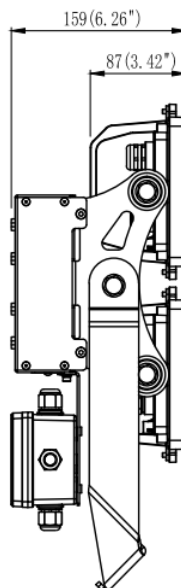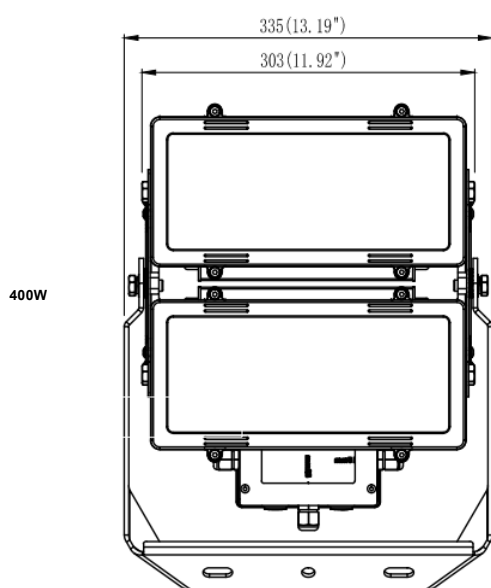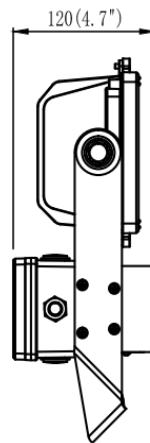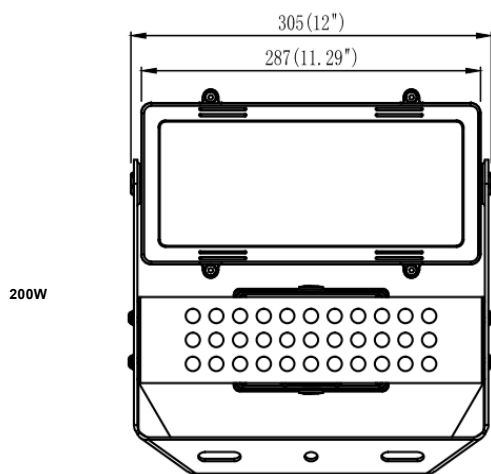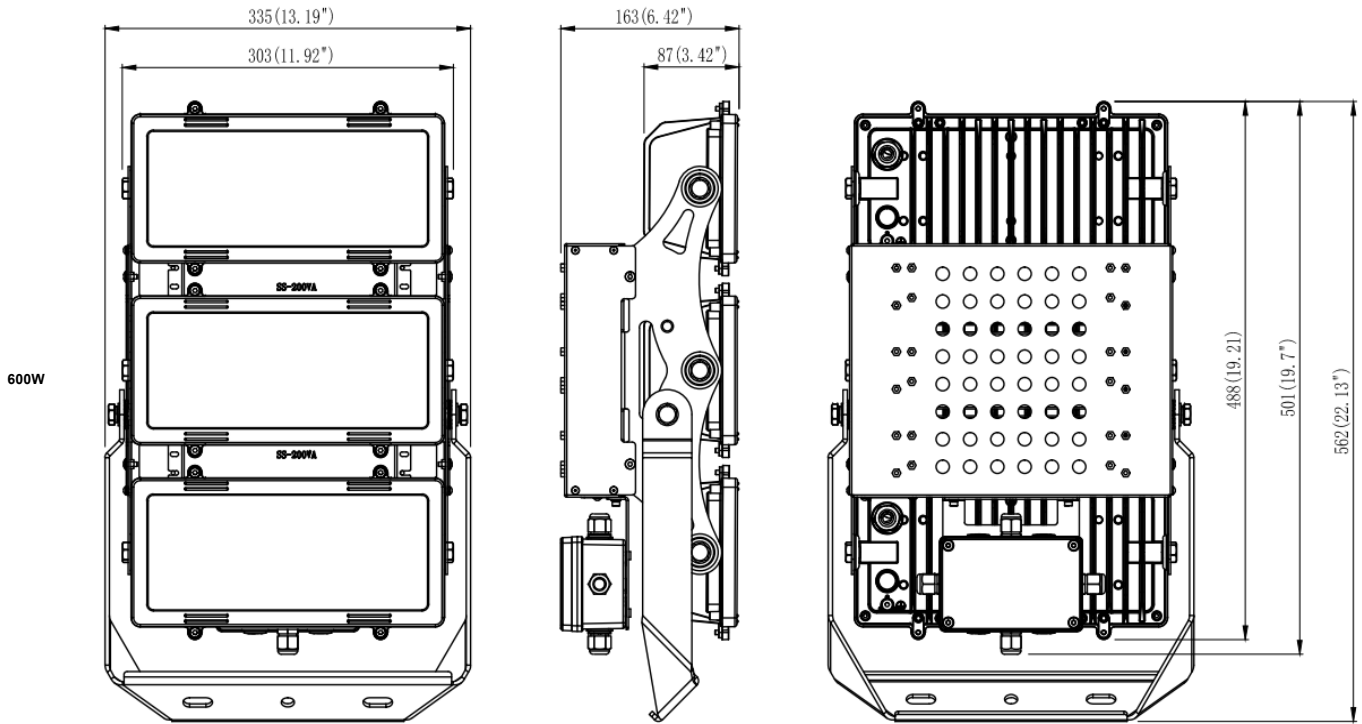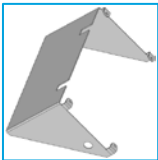
Accessories

Visor
SPCC materials, with powder coating for single LED module.

Safety rope
Auxiliary sfaety device to prevent accidents

Adaptor mounting
Aluminum materials with powder coating, dia.60mm.