

## LED Flood Light

# FL



### Better solutions for Led Flood Light

- IP66 water-proof**
- AC120-277V 50/60Hz**
- Easy Installation**
- 140lm/W**

**Operating Temp.:** -40°C ~ +50°C     **Storage Temp.:** -40°C ~ +80°C



### Options

<b>Driver</b>	<b>Housing Color</b>	<b>CCT</b>
Sosen Driver(80W-400W)	Black	3000K
Lifud Driver(80W-400W)	Grey	4000K
ROKEE Driver(10W-50W)	White	5000K
		5700K

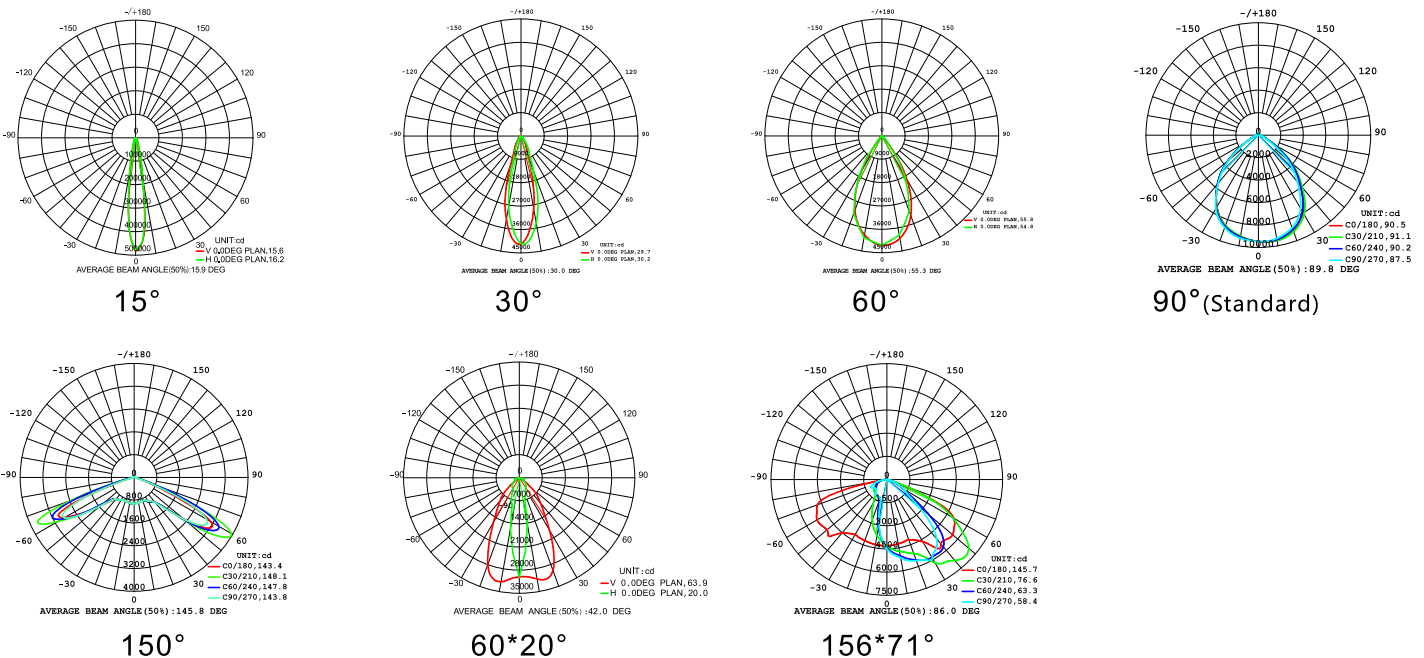
### Application

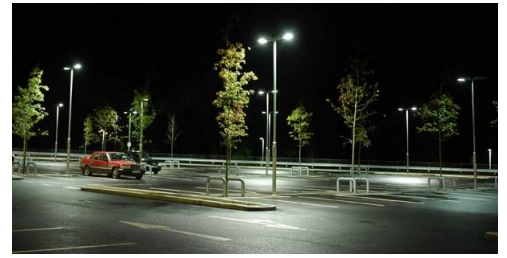
LED Floodlights are mainly used in Billboards, Buildings, Architectural exterior decoration, Landscape lighting, Railway stations, Car parks, ships, construction sites, tower cranes, container yards, Ports, Industrial and commercial exterior lighting Decorative lighting for holidays, tradeshow, exhibitions and other large scale outdoor application.

### Specifications

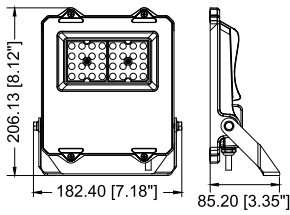
Item	Power	Effi.	Leds	CRI	Weight	Beam Angle
FL10W	10W	140lm/W	Lumileds	>80	0.85kg(1.87lbs)	15°/30°/60°/90°/150°/60*20°/156*71°
FL20W	20W	140lm/W	Lumileds	>80	0.85kg(1.87lbs)	15°/30°/60°/90°/150°/60*20°/156*71°
FL30W	30W	140lm/W	Lumileds	>80	0.85kg(1.87lbs)	15°/30°/60°/90°/150°/60*20°/156*71°
FL50W	50W	140lm/W	Lumileds	>80	1.85kg(4.08lbs)	15°/30°/60°/90°/150°/60*20°/156*71°
FL80W	80W	140lm/W	Lumileds	>80	1.85kg(4.08lbs)	15°/30°/60°/90°/150°/60*20°/156*71°
FL100W	100W	140lm/W	Lumileds	>80	3.70kg(8.16lbs)	15°/30°/60°/90°/150°/60*20°/156*71°
FL150W	150W	140lm/W	Lumileds	>80	3.70kg(8.16lbs)	15°/30°/60°/90°/150°/60*20°/156*71°
FL200W	200W	140lm/W	Lumileds	>80	4.82kg(10.6lbs)	15°/30°/60°/90°/150°/60*20°/156*71°
FL240W	240W	140lm/W	Lumileds	>80	4.82kg(10.6lbs)	15°/30°/60°/90°/150°/60*20°/156*71°
FL300W	300W	140lm/W	Lumileds	>80	10.4kg(22.9lbs)	15°/30°/60°/90°/150°/60*20°/156*71°
FL400W	400W	140lm/W	Lumileds	>80	10.4kg(22.9lbs)	15°/30°/60°/90°/150°/60*20°/156*71°

### Photometry

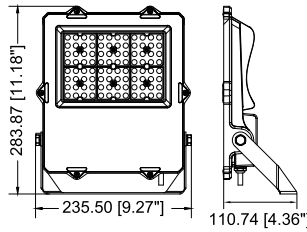




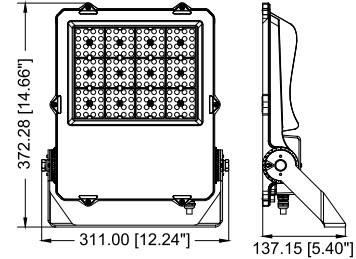
Dimensions(mm)



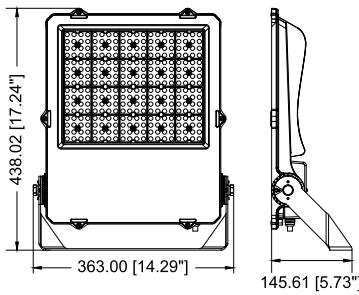
10W/20W/30W



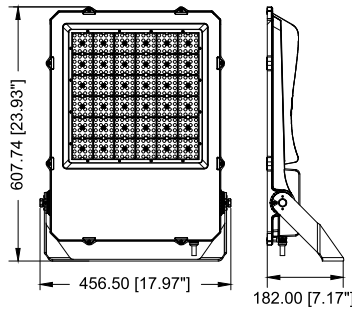
50W/80W



100W/150W



200W/240W



300W/400W

Model Options



10W/20W/30W



50W/80W



100W/150W



200W/240W



300W/400W

Cable Options



With 30cm cable (Standard)



DIY Connector without cable (Optional)

## Installation and use

**01**

(Optional)

**02**

Power	D1(mm)	D2(mm)	L1(mm)	L2(mm)
20W	8.5	6.5	70	20
80W	10.5	8.5	90	20
150W	12.5	10.5	120	30
240W	12.5	10.5	150	30
400W	17.0	12.5	240	37.5

**03**

**04**

120°  
90°

**05 (Standard)**

Brown(Black) --- L  
Blue(White) --- N  
Green/Yellow --- GND

**Important Installation Attention:**

1. Please turn off the power supply before installation or changing assembly parts.
2. The input voltage and the lamp should be adapted. After connecting the power line, please make sure the wiring section is insulated.
3. Non-professionals, must not install or dismantle the lamps.
4. Vertical upside or downside installation is Unallowed.

**Caution:**  
vertical installation is absolutely not permitted.

**06 (Optional)**

Loosen the compression nut 1 and the main body socket female 2 to prepare for wiring.

**07 (Optional)**

Connect the AC wire by inside terminal block. Base on color classification, The middle pin is the ground wire.

**08 (Optional)**

Tighten the compression nut 1 and the main body sleeve female 2 to complete the wiring.

## Packing Spec

Item	Box			Carton		
	Measurement(mm)	Gross weight	Pcs/box	Measurement(mm)	Gross weight	Pcs/box
FL10W/20W/30W	L185*W70*H200	1.00kg(2.20lbs)	1	L420*W390*H305	17.00kg(37.5lbs)	16
FL50W/80W	L240*W70*H300	2.10kg(4.63lbs)	1	L500*W315*H305	17.50kg(38.6lbs)	8
FL100W/150W	L390*W335*H118	4.30kg(8.16lbs)	1	L405*W350*H255	9.20kg(20.29lbs)	2
FL200W/240W	L460*W390*H125	6.25kg(13.8lbs)	1	/	/	/
FL300W/400W	L640*W490*H145	12.0kg(26.5lbs)	1	/	/	/