L I G H T I N G

CE RoHS SAA

Electrical Information

Model No.	FL29-050	FL29-100	FL29-150	FL29-200	FL29-300
Power Consumption(±5%)	50W	100W	150W	200W	300W
Power Supply	DONE	SOSEN			
Input Voltage	220-240VAC 50 / 60 Hz				
Power Factor	>0.90	>0.95			
Surge Protection	6kV line-line, 6kV line-earth	6kV line-line, 10kV line-earth			6kV line-line, 12kV line-earth
Driver Type	Constant Current (CC)				
Control	dimmable				

Optic Information

LED Type	SMD 2835				
Luminous Flux (±10%)	7500LM	15000LM	22500LM	30000LM	45000LM
Efficacy(5000K Ra70)	150(±5%) LM/W				
Correlated Color Temperature	5000K (3000K, 4000K optional)				
Color Rendering Index	Ra70 (Ra80 optional)				
Beam Angle	F06401, F06402, F06403, F06404	F12801, F12802, F12803, F12804	F19201, F19202, F19203, F19204	F22401, F22402, F22403, F22404	F38401, F38402, F38403, F38404
UGR level	/				

Description

FL29 flood light is designed for distribution channel, simple with high end quality, full power from 50W-300W are made with different size of molds. Multiple lighting distribution optional, including symmetric and asymmetric beam angles design, which will be a great help for different applications.

Key Features

• External vent/Respirator: Avoid internal fogging and frosting.
• Private tooling in unique and nice outlook.
• Stream line design, fashion outlook and not easy to accumulate water.
• Wide choice of optics to suit more applications (asymmetrical and symmetrical).
• Uniform design covering the best sellers 50W-100W-150W-200W-300W.
• Anti-vandalism design.

Dimentions and Mount

Product Dimension	247×255×57mm	301×286×64mm	343×318×65mm	398×368×69mm	444×426×76mm
Luminaire Net Weight	2.1kg	2.8kg	3.8kg	4.8kg	7.4kg
Export Carton Size	301×297×133mm	352×332×120mm	393×364×120mm	448×405×125mm	514×472×151mm
Gross Weight	2.3kg	3.5kg	4.5kg	5.5kg	7.7kg
Mounting Option	Bracket Mounting / Pole Mounting				
Material	Aluminum Alloy				
	Tempered Glass and Polycarbonate Optical Lens				
Finish	Powder Coating				
Fixture Color	Gray				
EPA	0.59ft^2	0.80ft^2	1.01ft^2	1.31ft^2	1.93ft^2
IK Rating	IK08				
IP Rating	IP66				

Lifespan and Warranty

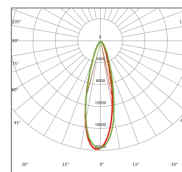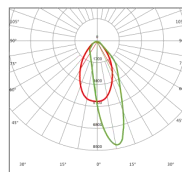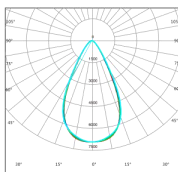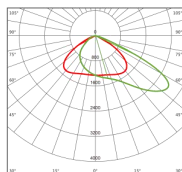| Operating Temperature	-30°C to + 40°C
Life Time of LED @Ta=25°C	120000hrs-L70
	76000hrs-L80
Warranty	5 Years

Applications

• Recreational sports (tennis courts, basketball courts...)
• Exhibition Center
• Shopping Mall
• Stadium
• Accent lighting
• Parking lots

LIGHTING

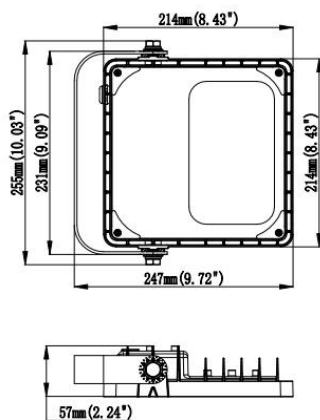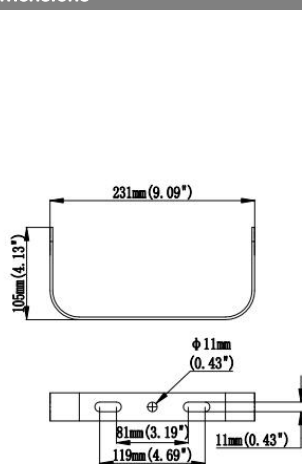|			
50W beam angle:	F06401	F06402	F06403	F06404
100W beam angle:	F12801	F12802	F12803	F12804
150W beam angle:	F19201	F19202	F19203	F19204
200W beam angle:	F22401	F22402	F22403	F22404
300W beam angle:	F38401	F38402	F38403	F38404

Mounting Options

Bracket mounting

Pole mounting

Dimensions

50W

100W

150W

200W

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LIGHTING

402mm (15.83")

159mm (6.26")

Φ 11mm
(0.43")

390mm (15.35")

426mm (16.77")

402mm (15.83")

383mm (15.08")

444mm (17.48")

180mm (7.09")

11mm (0.43")

260mm (10.24")

76mm (2.99")

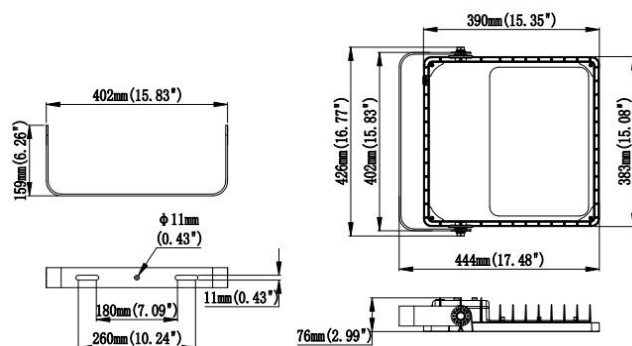**300W**

Pole mounting adaptor
Q235 steel, cold galvanized, e-coating with powder coating.

Code: BC-F08-02(dia.42mm)
Code: BC-F08-03(dia.76mm)

Pole mounting adaptor
Aluminium materials with powder coating, dia.60mm.

Code: BC-F15-06

Outrigger mounting bracket
SPCC materials, for 50W only.

Code: BC-F08-05

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