

CHZ-FL39 DIAMOND II FLOOD LIGHT



SMD



PIR Sensor



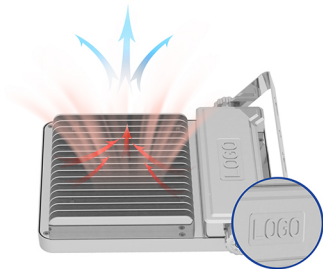
Narrow A



Narrow B

Die-Casting Al Heat Sink

ADC 12 technology,
thermal conductivity $96\text{W/m@}25^{\circ}\text{C}$
result in excellent thermal management



LOGO Customization
enhance brand exposure

PIR Sensor

Distance 2-16m (<24°C)

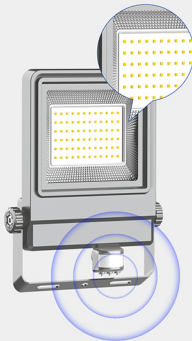
Time-Delay : 10s-7m

Range: 180°

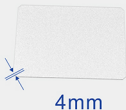
Ambient: <10-2000lux

4mm Tempered Glass

clear, frosted, milky, high
impact resistance IK08



Nano-Tech diffuser
increases the light efficacy

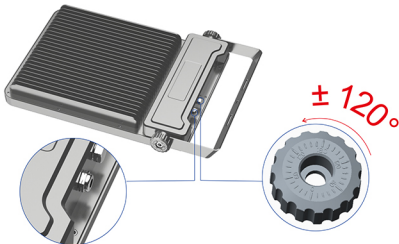


Breather Valve (from 50W above)

balance the internal & external temperature, humidity without compromising the IP rating

Racked Angle

+120adjustable, allows for precise installation



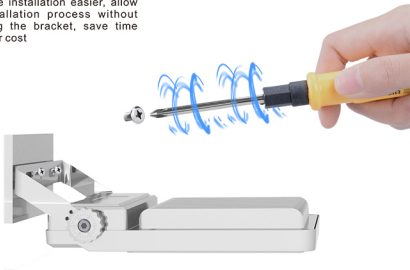
Adjustable Bracket

Rotatable $\pm 150^\circ$



Offset Bracket

make the installation easier, allow the installation process without removing the bracket, save time and labor cost



Widely used in factories, mines, squares,
transportation hubs, stadiums, golf
courses and docks, etc





Parameter:

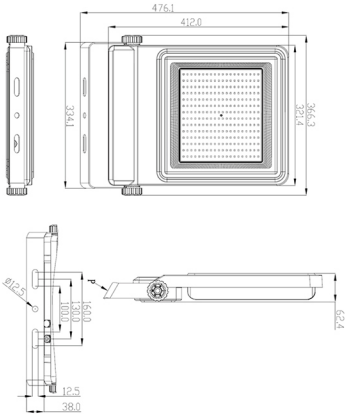
Product number	FL39-50W	FL39-100W	FL39-150W	FL39-200W	FL39-250W	FL39-300W
Rated power	50W	100W	150W	200W	250W	300W
Input voltage	100-277V	100-277V	100-277V	100-277V	100-277V	100-277V
Power factor PF	>0.95	>0.95	>0.95	>0.95	>0.95	>0.95
Chip type	SMD2835	SMD2835	SMD2835	SMD2835	SMD2835	SMD2835
Chips Qty (PCS)	120	240	360	480	600	720
Chips S/P	24P5S	48P5S	72P5S	96P5S	120P5S	144P5S
Efficacy(LM/W)	>150 LM/W	>150 LM/W	>150 LM/W	>150 LM/W	>150 LM/W	>150 LM/W
Color Temp.	3000-6500K	3000-6500K	3000-6500K	3000-6500K	3000-6500K	3000-6500K
Color Rend.	>70	>70	>70	>70	>70	>70
Protection level	IP66/IK08	IP66/IK08	IP66/IK08	IP66/IK08	IP66/IK08	IP66/IK08
Lamp size	247x237x47	301x280x55	358x320x61	412x366x63	486x406x69	486x406x69
Beam Angle	120°	120°	120°	120°	120°	120°
Material	Die-cast aluminum lamp shell + tempered glass					
Operating temperature	-30℃~60℃	-30℃~60℃	-30℃~60℃	-30℃~60℃	-30℃~60℃	-30℃~60℃
Working humidity	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%
Life/Warranty	>50,000hrs	>50,000hrs	>50,000hrs	>50,000hrs	>50,000hrs	>50,000hrs

Product number	FL39-50W	FL39-100W	FL39-150W	FL39-200W	FL39-250W	FL39-300W
Rated power	50W	100W	150W	200W	250W	300W
Input voltage	100-277V	100-277V	100-277V	100-277V	100-277V	100-277V
Power factor PF	>0.95	>0.95	>0.95	>0.95	>0.95	>0.95
Chip type	SMD2835	SMD2835	SMD2835	SMD2835	SMD2835	SMD2835
Chips Qty (PCS)	96	144	256	320	400	400
Chips S/P	24P4S	36P4S	64P4S	80P4S	100P4S	100P4S
Efficacy(LM/W)	>140 LM/W	>140 LM/W	>140 LM/W	>140 LM/W	>140 LM/W	>140 LM/W
Color Temp.	3000-6500K	3000-6500K	3000-6500K	3000-6500K	3000-6500K	3000-6500K
Color Rend.	>70	>70	>70	>70	>70	>70
Protection level	IP66/IK08	IP66/IK08	IP66/IK08	IP66/IK08	IP66/IK08	IP66/IK08
Lamp size	247x237x47	301x280x55	358x320x61	412x366x63	486x406x69	486x406x69
Beam Angle	25°/45°/60°/90°/150° Multi-angle optional					
Material	Die-cast aluminum lamp housing + PC lens + tempered glass					
Operating temperature	-30℃~60℃	-30℃~60℃	-30℃~60℃	-30℃~60℃	-30℃~60℃	-30℃~60℃
Working humidity	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%
Life/Warranty	>50,000hrs	>50,000hrs	>50,000hrs	>50,000hrs	>50,000hrs	>50,000hrs

Product number	FL39-10W	FL39-20W	FL39-30W	FL39-50W	FL39-100W
Rated power	10W	20W	30W	50W	100W
Input voltage	100-240V	100-240V	100-240V	100-240V	100-240V
Power factor PF	>0.95	>0.95	>0.95	>0.95	>0.95
Chip type	SMD2835	SMD2835	SMD2835	SMD2835	SMD2835
Chips Qty (PCS)	12	24	40	72	144
Chips S/P	3P4S	3P8S	5P8S	9P8S	18P8S
Efficacy(LM/W)	>110 LM/W	>110 LM/W	>120 LM/W	>120 LM/W	>120 LM/W
Color Temp.	3000-6500K	3000-6500K	3000-6500K	3000-6500K	3000-6500K
Color Rend.	>70	>70	>70	>70	>70
Protection level	IP66/IK08	IP66/IK08	IP66/IK08	IP66/IK08	IP66/IK08
Lamp size	127x127x44	148x148x44	201x193x46	247x237x47	301x280x55
Beam Angle	120°	120°	120°	120°	120°
Material	Die-cast aluminum lamp housing + tempered glass + infrared sensor				
Operating temperature	-30℃~60℃	-30℃~60℃	-30℃~60℃	-30℃~60℃	-30℃~60℃
Working humidity	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%
Life/Warranty	>50,000hrs	>50,000hrs	>50,000hrs	>50,000hrs	>50,000hrs



Schematic diagram of lamps (eg 200W):



Packaging data:

Medel	Product size (mm)	Package size(mm)	QTY	G.W (KG)
FL39-10WS	159x127x44	422x192x568	30	17
FL39-20WS	188x147x44	410x207x565	20	16
FL39-30WS	242x193x46	591x256x290	15	19
FL39-50W(S)	293x237x47	527x320x310	10	18.5
FL39-100W(S)	343x280x55	406x332x390	4	12.5
FL39-150W	424x320x61	498x390x328	4	16
FL39-200W	476x366x63	560x421x241	3	17
FL39-250W	569x406x69	636x462x182	2	17.5
FL39-300W	569x406x69	636x462x182	2	17.5