LED Floodlight Installation Instructions

Version: C8

Pre-Installation Considerations

- Unpack and check the product carefully.
- If there is any damage on new products, please keep the product packaging and timely reflect to us.
- Please do not attempt to use a damaged product.
- It should be installed by a qualified electrician.
- Non-professional personnel must not disassemble or maintain the lamp, or the manufacturer has the right to refuse any warranty service.
- When in installation and use, the lamp must not face up.

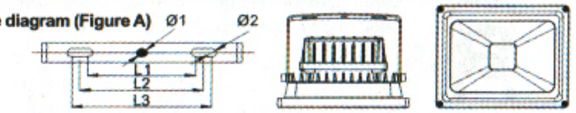
01 Series

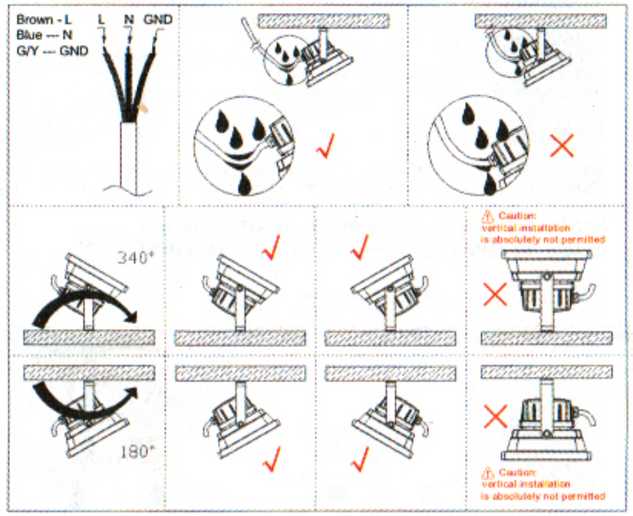
(ID:TA)	FL10W-01 FL20W-01 FL30W-01 FL50W-01 FL70W-01 FL100W-01 FL120W-01 FL140W-01 FL150W-01 FL200W-01 FL300W-01 FL400W-01
(ID:TC)	FL10W-01 FL20W-01 FL30W-01 FL50W-01 FL100W-01
(ID:TA-PIR)	FL10W-01 FL20W-01 FL30W-01 FL50W-01
(ID:TA-IR)	FL10W-01 FL20W-01 FL30W-01 FL60W-01
(ID:TA-RF)	FL10W-01 FL20W-01 FL30W-01 FL60W-01
(ID:MB)	FL10W-01 FL20W-01 FL30W-01 FL50W-01
(ID:MD)	FL10W-01 FL20W-01 FL30W-01 FL50W-01
(ID:K)	FL10W-01 FL20W-01 FL30W-01 FL50W-01 FL70W-01 FL100W-01 FL120W-01 FL150W-01 FL200W-01
(ID:K-PIR)	FL10W-01 FL20W-01 FL30W-01 FL50W-01
(ID:KD)	FL10W-01 FL20W-01 FL30W-01 FL50W-01

1. 1. Installation Dimensions(Unit: mm)

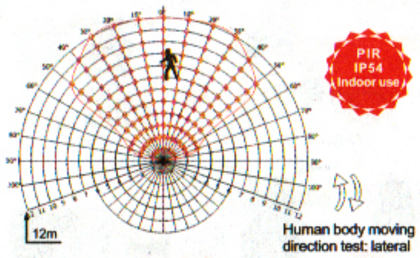
Product name	L1	L2	L3	Ø1	Ø2
FL10W-01 (ID:TA / TC/ TA-PIR / TA-IR/ TA-RF)	54.8	60.0	65.2	8.0	7.3
FL20W-01 (ID:TA / TC/TA-PIR / TA-IR/ TA-RF)	83.8	96.0	108.0	8.0	7.3
FL30W-01 (ID:TA / TC/TA-PIR / TA-IR/ TA-RF)	75.4	100.0	124.6	8.0	10.2
FL50W-01 (ID:TA / TC/TA-PIR)	125.4	150.0	174.6	8.0	10.2
FL60W-01 (ID:TA-IR/TA-RF)	125.4	150.0	174.6	8.0	10.2
FL70W/100W-01 (ID:TA / TC)	125.4	150.0	174.6	13.5	10.2
FL120W/140W/150W-01 (ID:TA)	140.5	180.0	219.5	13.0	13.0
FL300W-01 (ID:TA)	140.0	180.0	220.0	12.5	11.5
FL400W-01 (ID:TA)	140.0	180.0	220.0	12.5	11.5
FL10W-01K/PIR/KD	55.5	60.0	65.7	7.8	6.4
FL20W-01K/PIR/KD	84.0	96.0	107.7	8.2	7.6
FL30W-01K/PIR/KD	75.8	100.0	124.4	8.3	10.0
FL50W-01K/PIR/KD	125.7	149.8	173.6	10.32	10.2
FL70W/100W-01K	65.1	89.8	115.0	12.8	9.7
FL120/140/150W-01K	125.0	150.0	174.6	13.0	10.0
FL200W-01K	139.2	217.8	217.9	12.9	12.0

Size diagram (Figure A) Ø1 Ø2





1. 2. PIR Installation Method (Figure D / E)



PIR IP54 Indoor use

Human body moving direction test: lateral

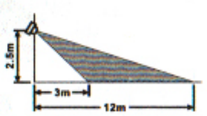
Sensing Area Test Report for outdoor 140 degree*12m PIR sensor. Mounting Height: 2.5m, Horizontally Installed. Surrounding Temperature: 25 degree.



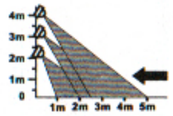
A. Lateral movement, sensitivity: high.



B. Movement in this direction, there might be a bit insensitivity, and shorter sensing distance.



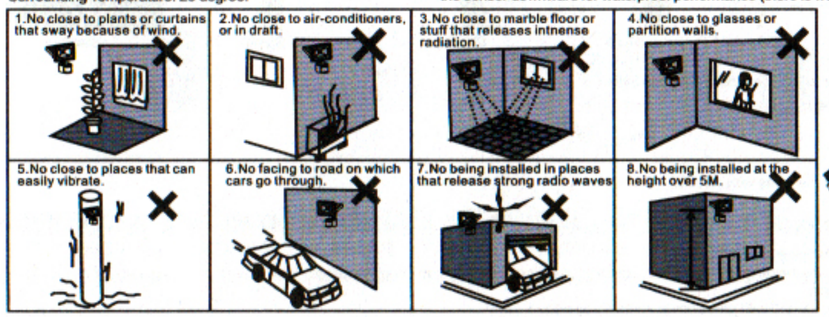
C. Installed at the standard height, the sensing distance is standard.



D. Installed at the nonstandard height, the sensing distance shortens.

After assembling the PIR sensor to the lamp body, make sure the red function button on the sensor downward for waterproof performance (there is weep holes at the bottom).

Figure D



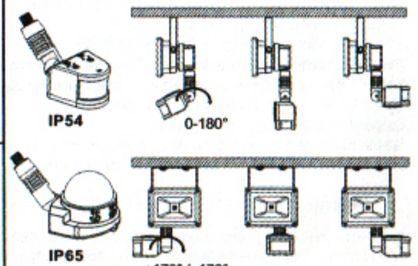


Figure E

LED Floodlight Installation Instructions

Version: C8

(ID:VA)	FL10W-01 FL20W-01 FL30W-01 FL50W-01 FL80W-01 FL100W-01
(ID:VA-PIR)	FL10W-01 FL20W-01 FL30W-01 FL50W-01 FL80W-01 FL100W-01

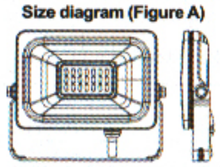
01 Venus Series

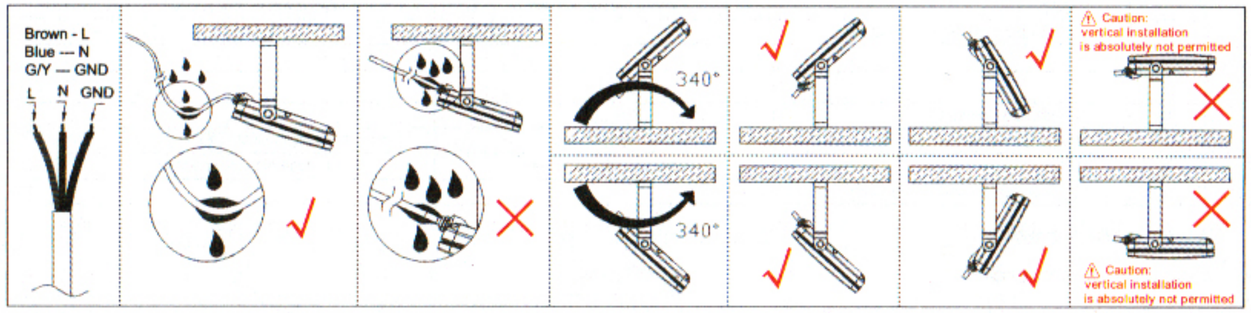
2. 1. Installation Dimensions: Figure A (Unit: mm)

Product name	L1	L2	L3	Ø1	Ø2
FL10W-01 (ID:VA / VA-PIR)	54.3	60.0	65.7	7.3	6.3
FL20W-01 (ID:VA / VA-PIR)	84.0	96.0	108.0	8.0	8.0
FL30W-01 (ID:VA / VA-PIR)	76.0	100.0	124.0	13.0	10.5
FL50W-01 (ID:VA / VA-PIR)	126.0	150.0	174.0	13.0	10.5
FL80W/100W-01 (ID:VA / VA-PIR)	143.5	180.0	216.5	13.0	13.0

Size diagram (Figure A)



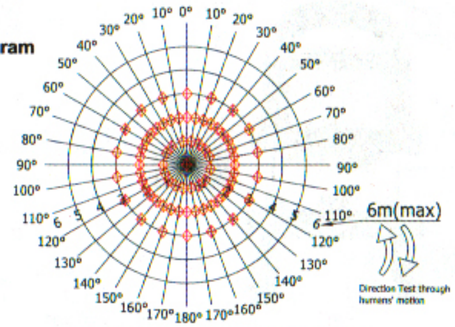




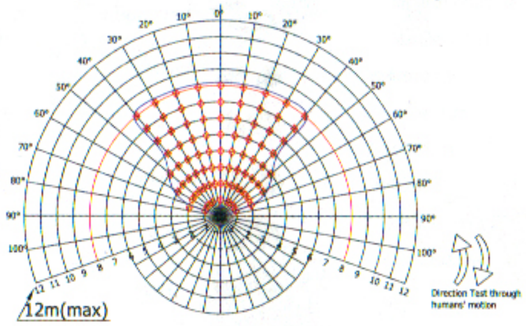
2. 2. PIR Installation Method

1.Working mode: turn on the sensor switch, during the delay time interval, if there is any moving object into the sensing area, the switch will keep connect, till the moving object leaves, the switch will be turned off in delayed time.
2.Built-in photosensitive control: to control whether the switch works or not, based on the light intensity of the outside , and achieve energy saving effect.
3.Sensing distance: 2-8 meter(radius), adjustable,
4.Delay time: 10s-7min, adjustable
5.Optical control lux: 2-2000lux, dimmable
6.Compared with Infrared Switch: Radar sensor switch has farther sensing distance, wider sensing angle and no dead zone. It can penetrate glass, veneers, and even walls of different thickness , depending on different power, and not subject to the influence of environment, temperature, voice and dust etc. At more than 30 degree, the sensing distance is not shorten. Radar sensor switch is a ideal upgrade of Infrared Switch.
7.When people, vehicles and other moving objects are into the sensing range, the light can work automatically. After moving objects leave the sensing area, the light can delay off automatically. Put an end to the waste phenomenon of "someone turns on, no one turns off". Extend the lifespan of the light and integrate energy saving, convenience and environmental protection.
8.It can automatically identify day and night, and the external environment illumination of initial operation is free to choose. It can works automatically at night, and shut down in the day, customers can adjust by themselves.
9.Sensing distance is adjustable, can be adjusted according to application places Light time is adjustable, can be adjusted by the user according to local conditions

Motion Sensor Diagram



Hanging Installation Motion Sensor Sketch: range: 360°*6m(max)



Horizontal Direction Motion Sensor Sketch range: 140°*12m(max)

2. 3. Knob function

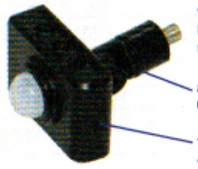
PIR



Lux: Set the lux of sensor light
Time: Set the Lighting Time
Sens: Set the sensitivity of sensor light

1.5s~5min adjustable time settings
2.Sensor head easy to adjustable angle
(Pan:150° / +75° ,-75°; Tilt: 180° / +90°,-90°)

PIR IP65



the motion sensor can be adjusted 340°from left to right; available for any kind of installation method

angle adjustable from upside to downside 0°/-90°0°/-90°

the motion sensor can be adjusted up and down over 90°