



## Ultra-slim PIR Flood Light/20W

### FL-020-AW-S-01

#### Features:

1. Adopt die -casting aluminum alloy lamp body,  
high toughened glass cover;  
Strong and durable, excellent thermal management,  
save energy 60% compared with traditional light ;
2. Use 1 piece of integrated high- power COB;  
working lifetime up to 36,000 hours;
3. RoHS and CE compliant;
4. Housing color: grey, black;
5. Detection range:180° ;
6. Detection distance : max.12m ( 24 °C ) ( adjustable ) ;
7. Delay time:5 seconds-6 minutes(adjustable) ;
8. Environment illuminance:2~2000LUX (adjustable) ;
9. Working temperature: -10~+40°C ;
10. Working humidity: <93% RH
11. Installation height:1.8m~2.5m



#### Main Applications:

Suitable for outdoor flood lighting, building decoration lighting, industrial lighting , sports center and outdoor stadium, port, parking lot and other places(sensor series only suitable for indoor lighting).

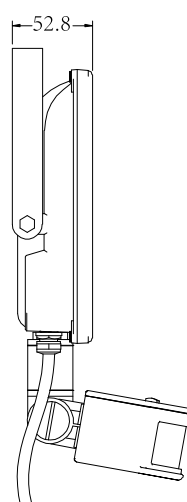
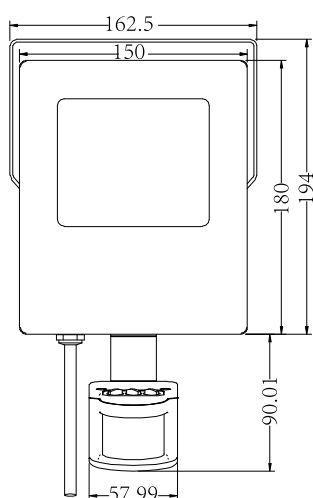




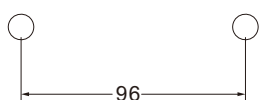
## Technical parameters:

Model	Color	LED Type	Lumen(lm) ( $\pm 10\%$ )	CRI	Beam (angle $^{\circ}$ )	Power(w) ( $\pm 10\%$ )	Voltage, Frequency	Maximum current	PF
FL-020-AW-W--S-01	5500-6500K	COB	1690	>70	120 $^{\circ}$	20	AC 100-240V 50/60Hz	0.13A	$\geq 0.9$
FL-020-AW-NW--S-01	4000-4500K		1580	>70	120 $^{\circ}$	20			
FL-020-AW-WW--S-01	2700-3200K		1500	>70	120 $^{\circ}$	20			

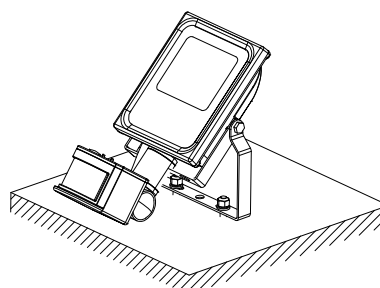
## Dimension (Unit:mm):



## Installation:

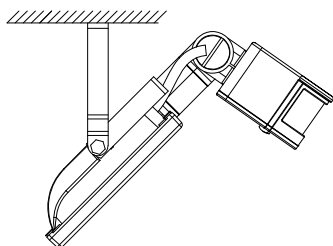


Step1: Drill two holes of 8mm diameter

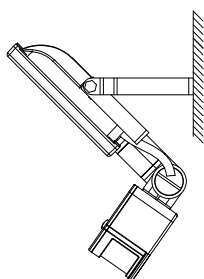


Step3: Fix the bracket and light together with bolts and nuts

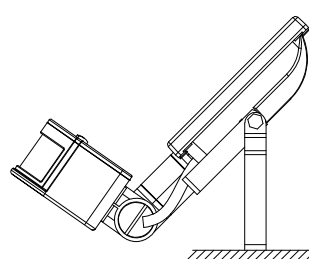
1.Ceiling installation



2. Wall mounted installation



3. Pedestal installation



Step2: Install the bracket on the installing surface



## Packing information :

Net weight: 1.3 KG      Cross weight 1.4KG  
Packing box dimension: 168\*70\*368mm  
Outer carton dimension: 520\*385\*295mm (12 pcs/carton)  
Total weight:17.8KG

## Instruction:

### 1) LUX

LUX is used to adjust working time at daytime or at night.

- A. When adjust it to “sun” position, sensor work full day;
- B. When adjust it to “moon” position, sensor won't work at daytime, and it enter into working mode automatically at night;

### 2) TIME

Used to adjust delay time of sensor ( $5 \pm 2\text{sec} \sim 6 \pm 1\text{min}$ ),

Delay time: when sensor sense human body, and human body leave sensing area, sensor delay turn-off time.

### 3) SENS

Used to adjust sensibility of sensor, needn't to be adjusted in general.

Can adjust sensibility to min. position if sensibility is too strong.

## Notice :

1. Cut off power before using, then install the light onto the installation hole, the connection of power needs to be sealed.
2. Please read the specification first, to make sure the service environment matches the conditions in the specification before using.
3. Please confirm the applicable power supply before using.
4. Make sure the switch of product is off before connect to the power supply to prevent electric shock.
5. Operation against rules may damage your property even harm to your personal safety.
6. Preliminarily estimate required quantity of LED lights, then according to the power rating of single LED light to figure out the total power and design power supply plan.
7. Dangerous high voltage, Non-professionals are not allowed to maintain the products.
8. If the exterior flexible cable or wire is damaged, it must exchange by the supplier, its agent or other similar qualified personnels to avoid dangers.
9. Length of outlet wire is 0.5m.