12V 10W LED flood light PIR sensor

1) Character

【A】 Adopting integrated Chip as light source with high lighting efficiency(70`80LM/W),high CRI(Ra>70),good quality heat dissipation, low light degradation.

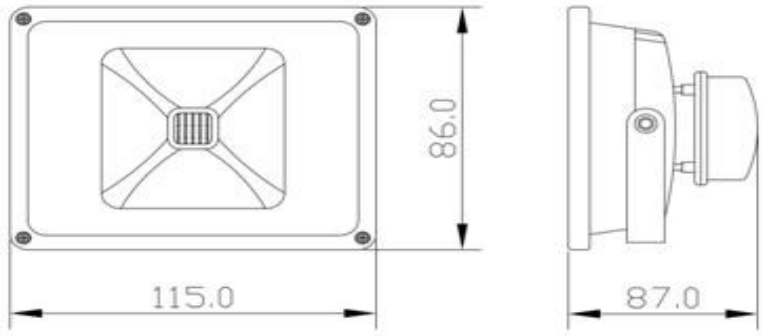
【B】Aluminium alloy die cast sheel, good strength,high quality heat dissipation.anti corrosion and baking varnish surface,can be for outdoor using.

【C】Make a dedicated luminous intensity distribution design via the aluminium reflector,there are two options for lighting distribution,one is for focusing,another is for divergencing.

【D】Wide Input Voltage from 85V~265VAC,constant voltage constant current output,can start up at once,no flicker,lightning protection,PFC function available.

2) Character

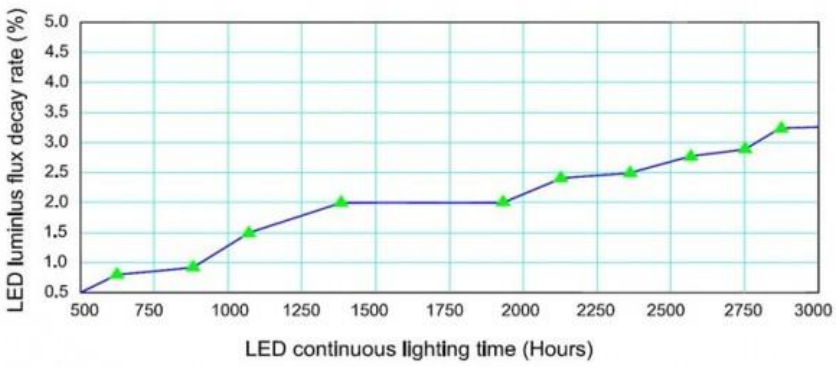
Aluminum Alloy
Sliver grey/ Black
0.7Kg



3) Technical Specification

12V DC
50～60Hz
>0.95
>87%
DC 10V~24V
10W
11W
12meters
90-100lm/w
5Sec.～5min.
1~4 meters
Ra>80
140° x 70°
3000hours minus 3.5%
-35~+55℃
IP65, PIR sensor is IP44
0.65 kg
115*85*87mm
white and warm white
>50,000 hrs
140°
Day~Night
VDE 3×1mm2
Brown→L Blue→N Yellow/olivine→G

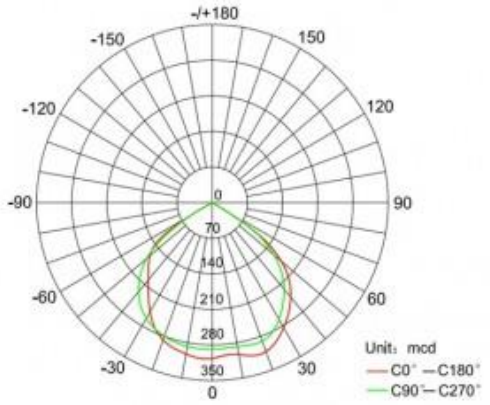
4) Character



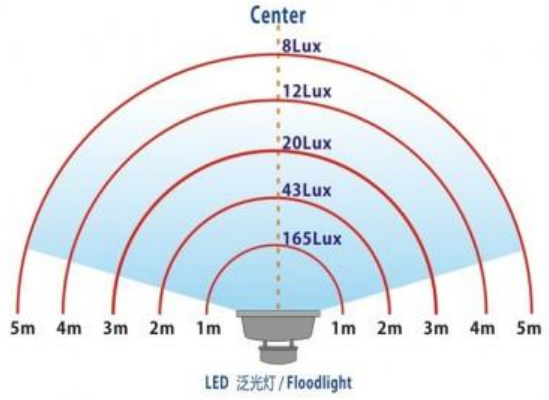
1、The data above has been got at a temperature of 25 celsius degree and taking 1000 hours running by a nonstop way.

2、Degradation of luminous flux of LED lamps depends on environmental conditions. The higher the temperature, the longer the using time, the faster luminous flux drops.

5)Photometric Chart



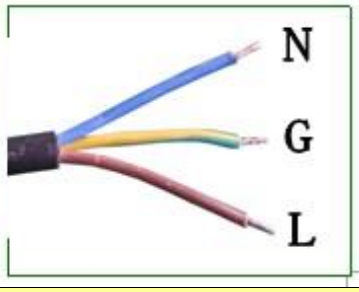
6)Illumination Distance/illuminance/Irradiated Area



7)Manual Instruction

Mounting Method

【1】 【2】 【3】

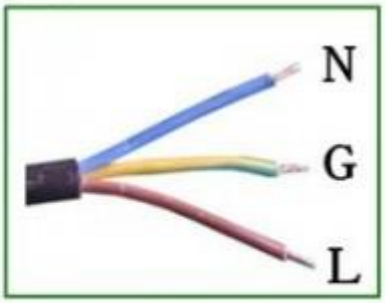


Installation Procedures

As pictures bellow, the lamp is for outdoor using (PIR separated style), ideal for different lighting applications.

【1】 【2】 【3】

【4】 【5】 【6】



1、As Picture No.1 showed, loose the fixable screw, and take off the fitting.

2、As Picture No.2 showed, fix the fitting to mounting surface with 3 screws (Including A.B.and C).

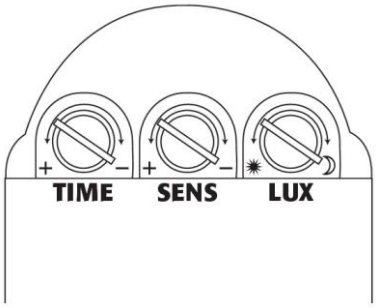
3、As picture No.3 showed, lock the screws on AB hole to fix the lamp on to working face. If the PIR sensor fasten on the fixture body, this procedure can be removed.

4、As picture No. 4 , install the induction probe and screw to fix the PIR sensor. If the PIR sensor fasten on the fixture body, this procedure can be removed.

5、As picture No.5 showed, both outdoor & indoor using, equiped with male and female waterproof joints for easy installation.

6、As Picture No.6 showed, connect Live / Null /Ground wire to electric cable properly and switch on.

Automatic induction setting



1、Lighting time setting (approximately 5 seconds to 5 minutes).When setting the lighting time, rotate the switch buttom from [5 seconds] clockwise can prolong the lighting time.

2、Lighting environmental (LUX) induction (Induction lighting day and night – only induction lighting at night).Rotation from [day] clockwise can set induction lighting as night and day, dusk or only night lighting.

Setting The Controls:

1、Put the LUX control knob to light (*) position turn the power on and wait half a minute for the control circuit to stabilize. At this stage ensure that the TIME control know is set at minimum duration time(-) position (Rotating the TIME knob clockwise to stop-position). The load-light will now switch on and remain on for about 30 seconds.

2、Direct the sensor toward the desired area to be scanned by adjusting the swivel joint on the sensor arm .

3、Have another person move across the centre of the area to be scanned and slowly ajust the angle of the PIR sensor arm unitl the unit senses the presence of the moving person, causing the load-light to switch on .

4、Adjust time control to required setting .

5、To sen the light level at which the load-light will automatically switch "on" at night, turn the LUX control knob from daylight (*) to night(moon). If the load-light is required to switch on earlier, e.g. dusk, wait for the desired light level, then slowly turn the LUX control knob towards daylight while someone walks across the centre of the area to be detected. When the load-light switches on, release the LUX control knob. You may need to make further adjustments to achieve your ideal light level setting.

8)Warning

1、Only a qualify electrician can undertake the installation, and please do check the lamp very carefully before installation.

2、Please follow up the installation procedures, make sure the screws been wrested very tightly, the wires been connected properly, as attached installation instruction.

3、After installation, the inductive probe knob must not be put upward, and there is a hole upon every sensor, which can avoid the prevent the water enter into the PIR sensor.

4、To avoid dust build-ip and ensure proper functioning of the PIR sensor, please wipe the sensors lens lightly with a dry cloth every 3 months.