

## PIR FLOOD LIGHT



These PIR flood lights are designed for easy installation to provide illumination for safety and security in outdoor areas. Please read and keep the following instructions to aid setting up and get the best results from your purchase.

### Versions

Ref	Model	Power	Total luminous flux	Dimensions	Weight
<b>GL469269</b>	FLB10C	10W	800lm	185 x 113 x 113mm	0.74kg
<b>GL469271</b>	FLB20C	20W	1600lm	210 x 180 x 100mm	1.16kg
<b>GL469273</b>	FLB30C	30W	2400m	235 x 225 x 110mm	1.75kg
<b>GL469275</b>	FLB50C	50W	4000lm	250 x 280 x 130mm	2.52kg

### Installation

LYYT flood lights with PIR can be attached to a wall or canopy using the integral bracket. The vertical angle of the flood light may be tilted toward the area requiring illumination and then fixed by tightening the hex screws at each side. The PIR section can be directed to the area required to detect movement and fixed by tightening the single hand screw on the PIR pivot assembly.

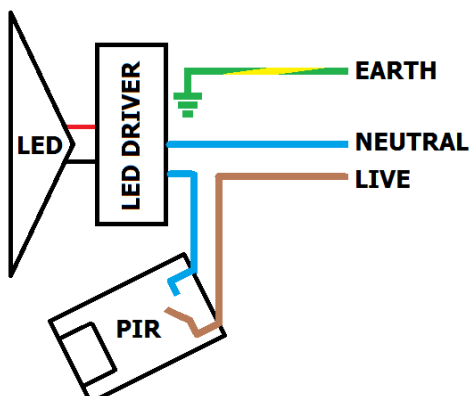
### Connection

The flood light is fitted with a mains lead and plug for easy connection. For hard-wired connection, remove the plug and strip back the outer insulation to reveal 3 inner cores. The colour coding follows EU mains wiring conventions as follows...

Brown = LIVE

Blue = NEUTRAL

Green/Yellow = EARTH



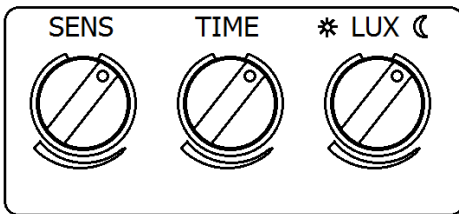
Connection to the PIR and LED driver are concealed within the rear weatherproof housing.

Any internal connection and remote wiring should only be carried out by a qualified electrical installer.

**Note: THIS UNIT MUST BE EARTHED!**

## PIR adjustment

On the underside of the PIR housing are 3 rotary controls for adjusting the PIR settings.



SENS is the setting for the PIR sensitivity to movement

TIME is the setting for the length of time the flood light will stay on after movement is detected

LUX is the setting for the ambient light level below which the PIR detector will be activated.

Once installed, connected and angle adjusted as required, set all 3 of the above settings to the minimum level (anti-clockwise). If the flood light is on, it should go out within approximately 15 seconds.

Adjust the LUX setting up until the flood light switches on, staying on for 15 seconds again.

Adjust the SENS control to the halfway position and move around in the detection area to check that the flood light is actuated. If not, the SENS setting will need to be increased. Check also that the PIR is not too sensitive by moving around in an area or at a distance where triggering the flood light is not required. If it is too sensitive, reduce the SENS setting.

Adjust the TIME setting to the length of time preferred for the flood to stay on after it has been triggered by movement within the detection area.

Finally, the LUX setting should be adjusted so that the PIR detection is only active at the required level of ambient light for the flood light to be in operation.

Turning the dial towards the "sun" symbol sets the PIR to operate in daylight.

Turning the dial towards the "moon" symbol sets the PIR to operate only during hours of darkness.

Adjustment between these two levels is variable and can be attuned to a preferred time of day.

## Specifications

Power supply	230Vac, 50Hz
Beam angle	120°
Luminous efficacy	80lm/W
CCT	6000K
Approx. lifetime	30,000 hours
Switching cycle	>15.000
PIR detection angle	180°
Max detection distance	12m @ 25°C
Ambient light setting	2lx – 2000lx
Time setting	15 sec – 6 min
Operating temperature	-10°C to 40°C
Relative humidity	<90%
Recommended height	1.8 - 2.5m



This product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.