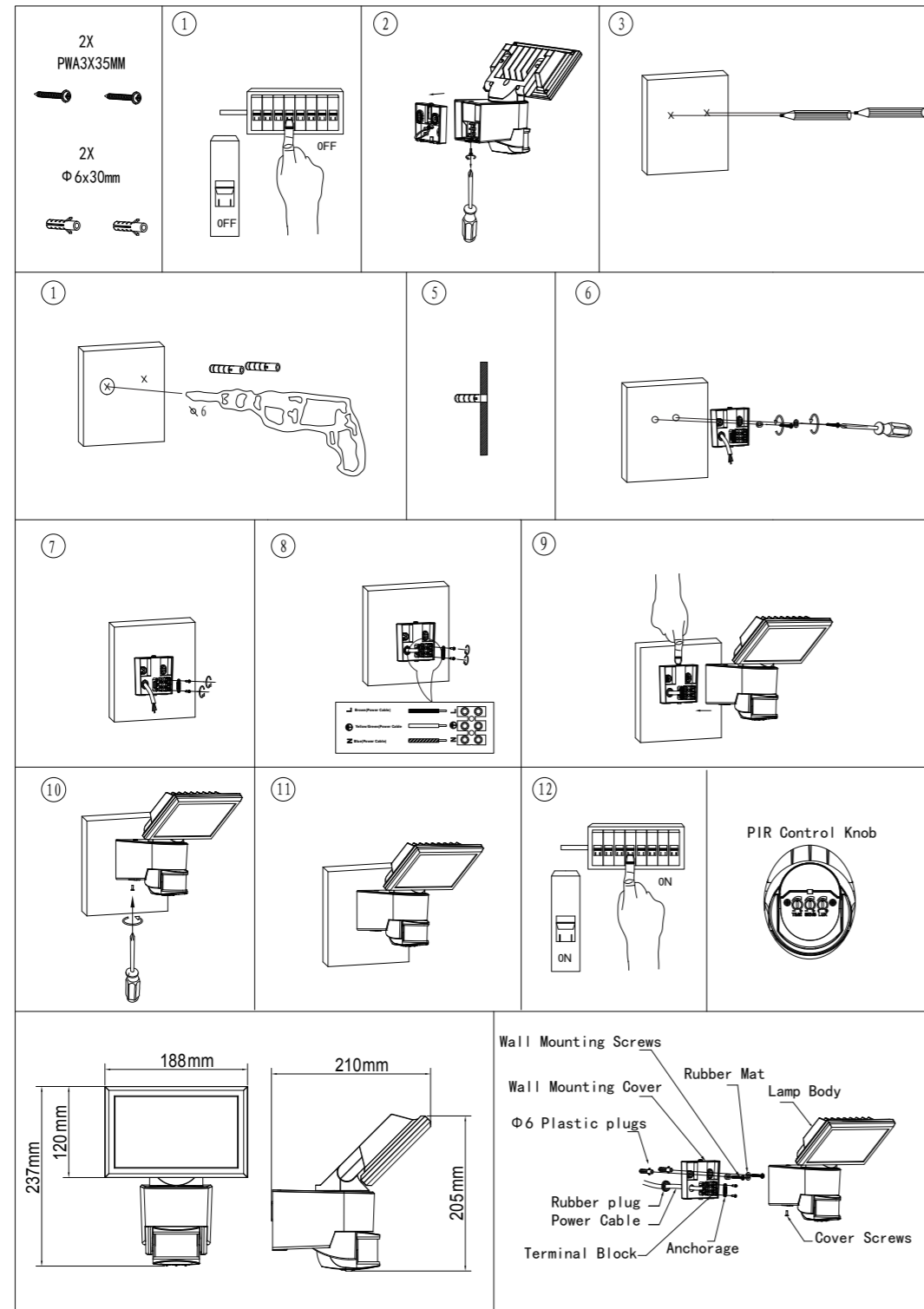


INSTRUCTION MANUAL

Suspense WL Dark Grey
92304



Unchangeable LED
Max. 40x0.5W LED
3000K±300K
10000H

220 - 240V
~50HZ



IP44



GUARANTEE
2 YEARS

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INTRODUCTION

The PIR (Passive Infra Red) SENSOR has a sensing device which continuously scans a preset operating zone and immediately switches the lamp on when it detects movement in that area. This means that whenever movement is detected within the range of the sensor the lamp will switch on automatically to illuminate pathways, steps, patios, porches, or whatever area you have selected to light for reasons of safety, convenience or security. While there is movement within range of the unit the lamp will remain on.

HOW TO FIT THE UNIT

To achieve best results, we suggest you take into account the following points:

- Ideally the PIR SENSOR should be mounted 1.8 to 2.5 meters (6 to 8ft) above the area to be scanned (Refer to Fig. 1A).

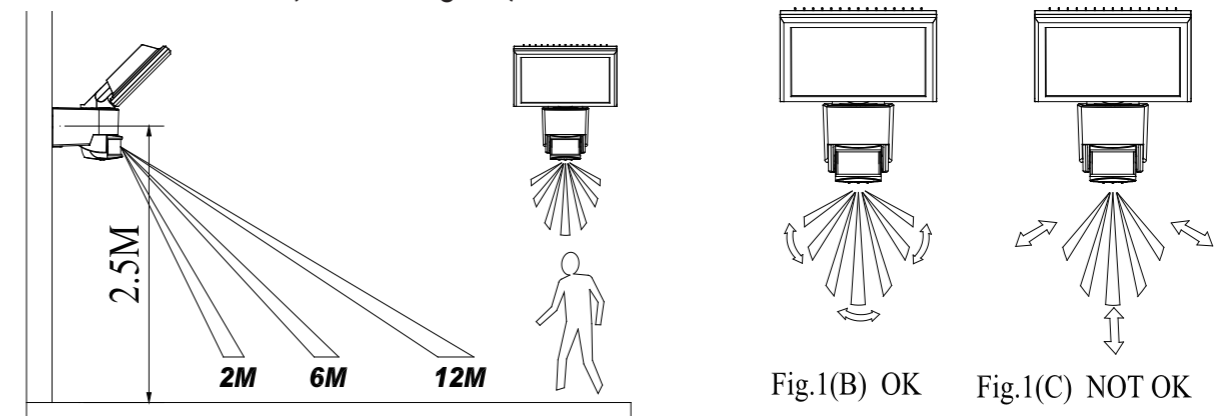


Fig.1(A) Detection Range

- To avoid damage to unit-do not aim the sensor towards the sun.
- To avoid nuisance triggering, the sensor should be directed away from heat sources such as barbecues, Air-conditioners, other outside lighting, moving cars and flue vents.
- To avoid nuisance triggering, keeping away from the area of strong electromagnetic disturbance.
- Do not aim towards reflective surfaces such as smooth white walls, swimming pools, etc. The PIR Sensor scanning specifications (the distance and angle it covers approx. 12 meters and 180°- at 20°C and dry weather) may vary slightly depending on the mounting height and location. The detection range of the unit may also alter with temperature change. Before selecting a place to install your lamp(s), you should note that movement across the scan area is more effective than movement directly toward or away from the sensor. (Refer to Fig. 1B). If movement is made walking directly towards or away from the sensor and not across, the apparent detection range will be substantially reduced. (refer Fig. 1C)

INSTALLATION

Installation the Floodlight, please referring to the Figure

1. Installation by a licensed electrician and according to IEC wiring Regulation.
2. Switch power off at the meter box and ensure that there is no power to the light.
3. Unscrew the Cover screw

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- Use the Wall mounting cover to mark the position of screw holes onto mounting surface. Drill the wall to depth of about 10 cm and fit the plastic plugs, and then fix the Wall mounting cover to the mounting surface with Wall mounting screws. Care should be taken to avoid drilling or screwing into concealed electrical wiring.
- Unscrew the Terminal Block Cover Screws then remove it. Connecting the Power Cable (H05RR-F 3C 1mm², not included) to the Terminal Block, see the relative symbol in Figure. Ensure the cable must pass through the Cable Gasket.
- Re-fit the Terminal Block Cover.
- Fit the lamp body to the Wall Mounting Cover. Adjusting the light direction you desired.
- Plug the power Cable into the main socket and switch power on, and then you can adjust the PIR Sensor Floodlight to desired working state.

■ UNDERSTANDING THE CONTROL

ADJUSTING THE DURATION TIME: The length of time that remains switched on after activation can be adjusted from (10±5) seconds to (30±5) minutes. Rotating the TIME knob from (+) to (-) will reduce the duration time.

Note: Once the light has been triggered by the PIR sensor any subsequent detection will start the timed period again from the beginning.

ADJUSTING THE LUX CONTROL LEVEL: The Lux control module has a built-in sensing device (photocell) that detects daylight and darkness. Rotating the LUX knob anti-clockwise is from light (☀) to dark (☾). The (☀) position denotes that the Units can work at day and night, and the (☾) position only work at night. You can set to operate the unit at the desired level by adjusting the LUX knob.

ADJUSTING THE SENSITIVITY: The sensitivity means the Maximum distance which PIR Sensor can be triggered by movement body. Turning the SENS knob from (+) to (-) will decrease the sensitivity.

■ Setting the controls (Refer Figure)

- Put the Lux control knob to light (☀) position, turn the wall switch on and wait about half a minute for the control circuit to stabilize. At this stage ensure that the TIME control knob is set at minimum duration time (-) position (Rotating the TIME knob anti-clockwise to stop-position). The light will now switch on and remain on for about 30 seconds (within 60 seconds).
- Direct the sensor toward the desired area to be scanned.
- Have another person move across the center of the area to be scanned and slowly adjust the angle of the sensor arm until the unit sensors the presence of the moving person, causing the light to switch on. (Refer Fig. 1B).
- Adjust time control to required setting.
- To set the light level at which the light will automatically switch "on" at night, turn the LUX control knob from daylight (☀) to night (☾). If the light is required to switch on earlier, e. g. Dusk, wait for the desired light level, and then slowly turn the LUX control knob towards daylight while someone walks across the center of the area to be detected. When the light switches on, release the LUX control knob. You may need to make further adjustments to achieve your ideal light level setting.

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■ Specifications

- **Detection range:** Max. 12meters at approx.180°scan
- **Duration Time adjustment:** (10±5) seconds to (30±5) minutes.
- **Detection circuitry:** Passive Infra-Red (PIR)
- **Power required:** 220-240V~ 50/60 Hz,
- **Maximum load:** Max.40x0.5W LED
- **Weatherproof:** IP44
- **Power Cable:** H05RN-F 3G 1.0mm² rubber cord

PROBLEM	POSSIBLE CAUSE	SUGGESTED REMEDY
Light does not switch on when there is movement in the detection area.	1. No mains voltage	Check all connections, and Fuses/switches
	2. Nearby lighting is too bright.	Redirect sensor or relocate the lamp
	3. Sensor positioned in wrong direction	Redirect sensor
Light switches on for no apparent reason (false trigger)	1. Heat sources such as air-con, Vents, heater flues, barbecues, other outside lighting, moving cars are activating sensor.	Redirect sensor away from these sources.
	2. Animals/birds e.g. possums or domestic animals.	Redirecting sensor may help.
	3. Interference from on/off switching of electric fans or lights on the same circuit as your lamp. (This problem does not always occur but a faulty switch or noisy fluorescent light may cause the sensor false active.)	Should the false triggering become troublesome, consider: (a) Replacing a faulty switch. (b) Replacing noisy fluorescent tubes and/or starters. (c) Connecting the light to a separate circuit (in most cases where one or more of the above suggestions have been carried out, false triggering has been reduced.)
	4. Reflection from swimming pool, or reflective surface.	Redirect sensor.
	5. Nearby the field of strong electromagnetic disturbance	Relocate the lamp
Light remains on.	1. Continuously false triggered, see above mentioned	Redirecting sensor may help
Light switches on during daylight hours	1. Shadow the PIR sensor	Redirecting sensor may help
The detection distance becomes shorter	1. Dirty the LENS of PIR sensor	Cleaning the LENS use soft cloth soaked with water, and not scratch the LENS
	2. Warm and wet environment	