

SPOTLIGHTS



Version 1

DOUBLE HEAD 20W SPOTLIGHT IN BLACK WITH 5 CCT

20W SPOTLIGHT SERIES


EASY-FIT
BASE

5 CCT
OUTPUT

PA12 TERMINAL
BLOCKS


HW-SP-D-20-MB



HW-SP-SND-20-MB

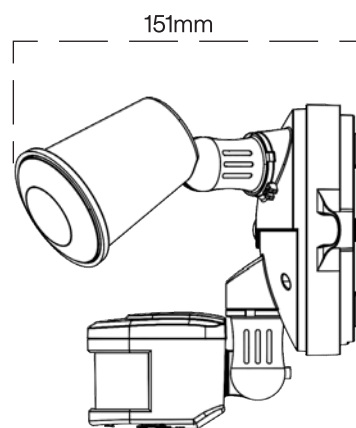
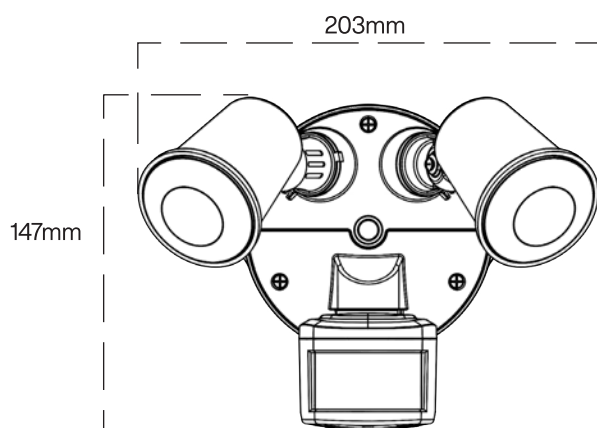
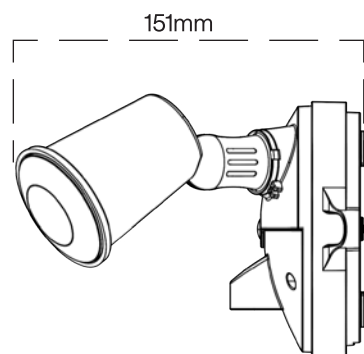
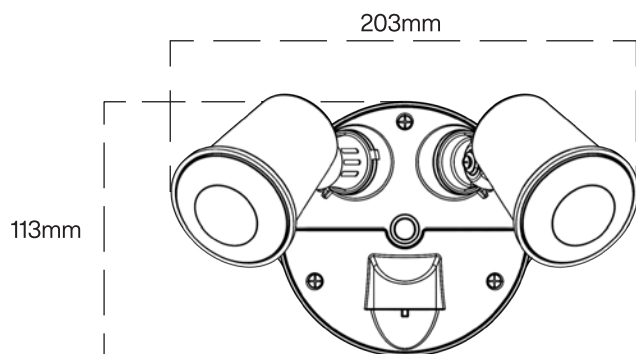
Description

The new Housewatch security lights offer a 5CCT selection, large terminal blocks and easy fit-off base. Simple to install, simple to use and comes at a competitive price.

Technical Information

ELECTRICAL	HW-SP-D-20-MB	HW-SP-SND-20-MB
Power	20W (2 x 10W)	
Input Voltage	220-240V Built In Driver	
Input Frequency	50Hz	
Power Factor	0.9	
OPTICAL	HW-SP-D-20-MB	HW-SP-SND-20-MB
Lumens	2700K: 1830lm 3000K: 2000lm 4000K: 2100lm 5000K: 2100lm 6500K: 2000lm	
Efficacy	2700K: 90lm/W 3000K: 100lm/W 4000K: 105lm/W 5000K: 105lm/W 6500K: 100lm/W	
Colour Temperature	2700K 3000K 4000K 5000K 6500K	
CRI	80	
Beam Angle	120°	
Gimble Angle	Lamp rotation: 340°	Lamp rotation: 340° Sensor rotation: 340°
Dimmable	No	
Sensor Detection	NA	12m
ENVIRONMENTAL	HW-SP-D-20-MB	HW-SP-SND-20-MB
Temperature Range	-25°C to +45°C	
IP Rating	IP54	
MECHANICAL	HW-SP-D-20-MB	HW-SP-SND-20-MB
Average Life	30,000hrs	
Materials	PC	
Dimensions	L 203mm x W 151mm x H 113.5mm	L 203mm x W 151mm x H 147.5mm
Weight	0.47kg	0.55kg

Product Dimensions



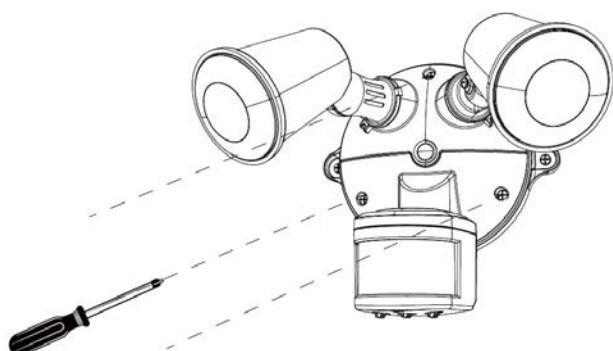
Safety Instructions

Please follow these instructions carefully before attempting to install and operate this spotlight. Ensure the voltage marked on the product is the same as the electrical power supply to be used. Must be installed by a licensed electrician in accordance with AS3000:2007

Installation Guide

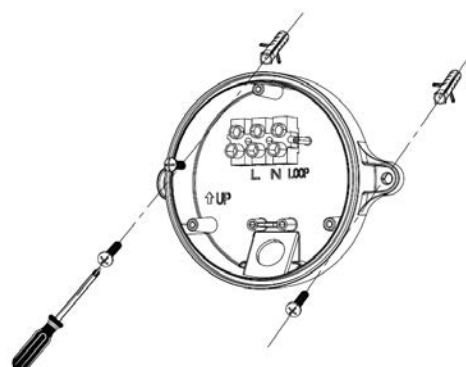
1. REMOVE FRONT SPOTLIGHT HOUSING

Use a Phillips head screwdriver to remove the three screws on the front cover, then open the rear Quick-Connect junction box.



2. FIX THE JUNCTION BOX TO THE WALL

Using the screws and screw plugs provided, secure the spotlight's junction box horizontally to the wall.



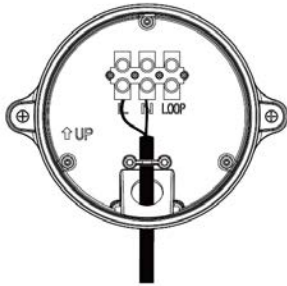
Installation Guide

3. CONNECTION

Connect the cable to the terminal block on the wall plate as below.

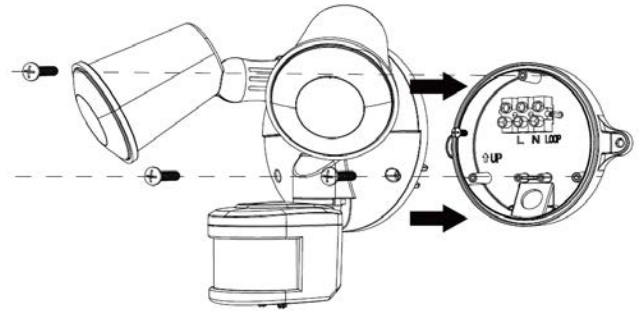
NEUTRAL (Blue)

LIVE (Brown)



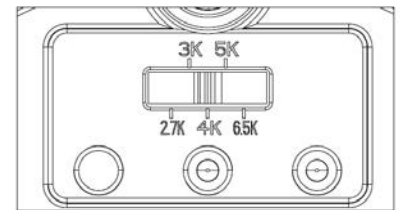
4. INSTALL LAMP BODY

After the bottom cover is installed, align the lamp body with the screw holes on the back cover, then tighten the screws. The installation is complete.

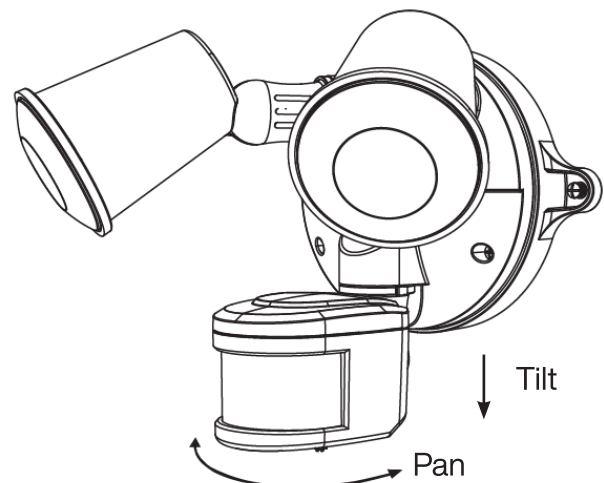
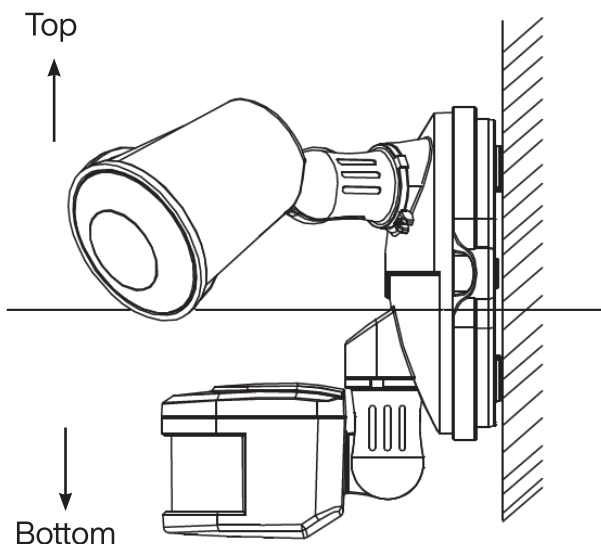


Colour Temperature Adjustment

If you need to adjust the colour temperature of the spotlights, you can use the adjustment switch behind the main lamp. Flip the CCT toggle switch at the back of the light to achieve your desired colour.



Setting the Motion Sensor



Setting the Motion Sensor

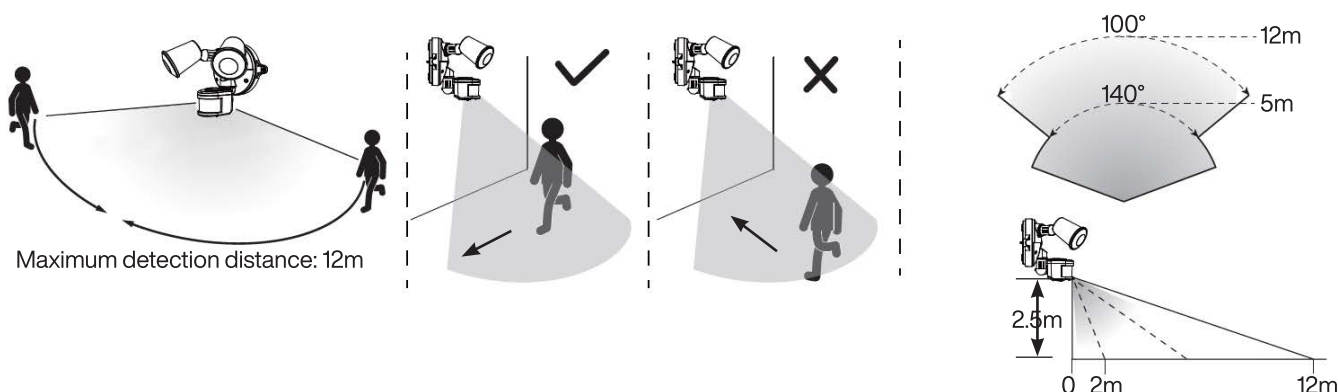
The sensor is affected by brightness, temperature, and moving objects.

Do NOT install near other sources of light, as this can affect motion sensor detection.

Significant temperature changes may cause sensor malfunctions, so avoid placing the sensor near vents, heat exhausts.

When installing, ensure the sensor is not placed too close to trees. Movement of branches in the wind may trigger the sensor.

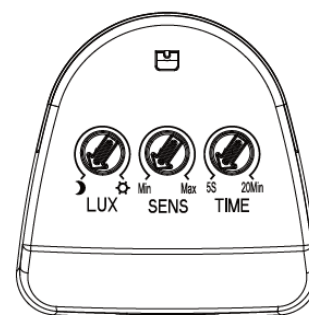
The sensor cannot detect infrared light through glass.



Setting the Motion Sensor

The LUX adjustment knob and the TIME setting knob are located on the bottom of the motion detector.

MODE SETTING	
 LUX	The LUX control determines the level of darkness required for the unit to start operating. The setting is best achieved by the procedure below: 1. Set the LUX control knob fully counter-clockwise. The unit will now start operating at dusk. 2. If you require the light to activate earlier, wait until the ambient light level reaches the level of darkness at which you wish the lamp to become operative. 3. SLOWLY rotate the control in a clockwise direction until a point is reached where the lamp illuminates. Leave the control set at this point.
SENS SETTING	
 SENS	Adjust the sensing distance, with a minimum adjustment of 30% and a maximum adjustment of 100%.
TIME SETTING	
 TIME	Adjust the sensing delay time (5 seconds -20 minutes)



Manual Override

To activate manual mode:

Motion Sensor Mode: Connect the light fixture to a wall switch. Switch to ON position for Motion Sensor Mode.

Manual Mode: Quickly toggle switch OFF-ON-OFF-ON within 1-3 seconds, the lamp directly enters the constant light mode.

To reset automatic mode:

Turn Switch OFF.

Wait 20 seconds.

Turn Switch ON.

The light will go through a warm-up cycle before resetting back to the Motion Mode.

Care & Maintenance

To clean the surface of the light, use mild soap and water.

Do not use scouring pads, powders, steel wool or any other abrasive materials.

Do not immerse in water.

Troubleshooting

PROBLEM	RECOMMENDED ACTION
Lights do not turn on	1. Check light switch is on. 2. Check wiring. 3. Check sensor is level and pointed at the area you desire, and movement is not directly towards the sensor but across the lens. Check sensor is mounted at the recommended height.
Lights do not turn off	1. Turn time adjustment closer to "-" negative sign at the bottom. 2. Turn light switch off and then back on after 20 seconds, you are now in sensor mode. 3. Make sure the sensor is not aimed at something that would cause a temperature change or towards objects which may move.
Sensor coming on during daytime	Turn LUX adjustment at the bottom of the sensor to moon setting