/// MARTEC®

GUARD

Instruction Manual

20W WALL MOUNT
TRICOLOUR FLOODLIGHT

Model No.: MLXG34520MS

/// MARTEC ®

20W WALL MOUNT
TRICOLOUR FLOODLIGHT

IMPORTANT PRODUCT INFORMATION

The product is guaranteed to be free from defects in workmanship and parts for a period of 2 years from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be replaced at our discretion. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws.
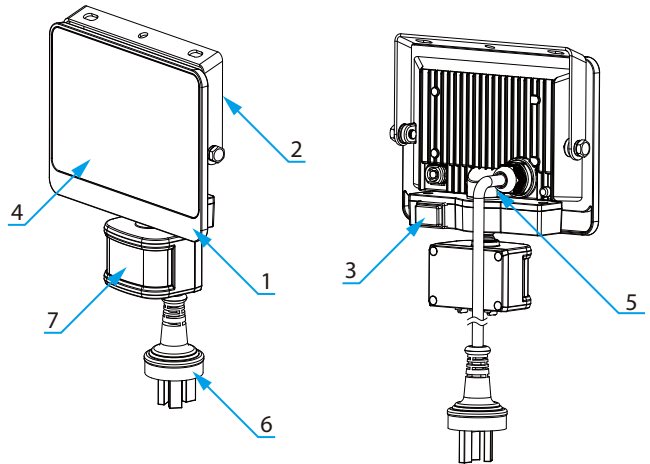
Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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YEAR REPLACEMENT
WARRANTY

Parts List & Specifications

Parts List

1. Light body
2. Wall mount bracket
3. Tricolour switch
4. Glass cover
5. Cable
6. Cable plug
7. Sensor lens
8. Sensor Time control
9. Sensor sensitivity control
10. Sensor Lux control
10. Wall mount screws

Specifications

LED Floodlight 20 Watt with PIR sensor Tricolour
aluminium body + glass lamp cover + stainless steel bracket
Color: Black
Voltage: 220-240VAC~50/60Hz
LED: 28x0.7W Everlight LED 3000K;
     28x0.7W Everlight LED 5000K;
Color temperature: 3000-5000K;
Lumen: 3000K---1400lm;
       4000K---1600lm;
       5000K---1600lm;
Cord length: with AU plug; H05RN-F 3Gx1.0mm²; 60cm length;
With Tricolour button switch on the housing, press to change the colour temperature
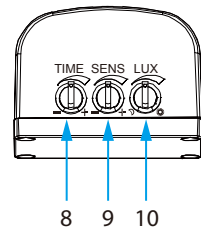with LED shield; RA≥80
With PIR sensor
Detection angle: Max.180°
Detection Distance:Max.12m
Adjustable Time:10±5 seconds to 4±1 minutes adjustable
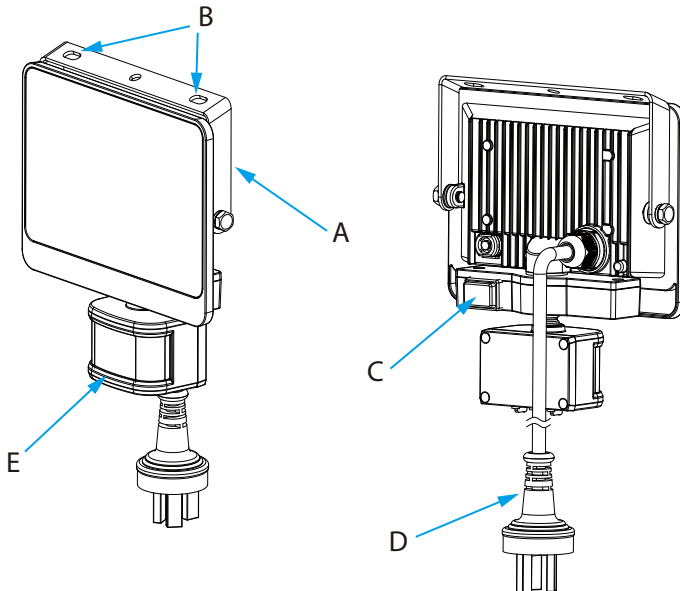LUX:From daylight to night adjustable
Sense: adjustable
IP44

Product Installation

NOTE: For best performance install at a height between 2 and 2.5 metres.

1. Ensure the Mains Supply is switched 'OFF'.
2. Unpack the fixture carefully and dispose of the packaging material thoughtfully. The fitting must be wired to its own wall switch.
3. Adjust the wall mount bracket .
4. Drill two holes in the wall using the mounting holes 'B' on the wall mount bracket as a template. Note: exercise caution to avoid drilling into existing electrical wiring.
5. Use screws and suitable fixture system 'E' to secure the mounting plate 'A' to the wall securely, use the cable plug 'D' to plug the light into a wall switch, set the color temperature to your desire setting using the Tricolour switch 'C'.
6. Adjust the light to your desire position, Then turn on the light by turn on the wall switch.
7. Adjust the sensor to your desire direction by adjusting the sensor head 'E'.

- **Do not direct the head upwards above horizontal.**
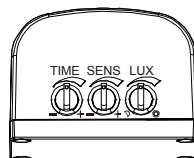- **Always operate the sensor with sensor knobs facing downwards.**

Motion Sensor Settings

The PIR motion sensor has three adjusting knobs: **SENSITIVITY, TIME** and **LUX**.

SENS (Sensitivity Adjustment)

- The sensitivity can be increased by turning the knob towards (+) and decreased by turning the knob towards (–).
- **Note:** The sensitivity is affected by environmental factors such as temperature. The sensor is more sensitive at lower environmental temperatures and vice versa.
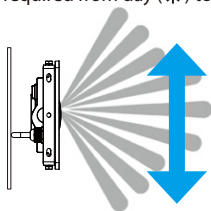
TIME

- The time duration is adjustable from. Turn this knob towards (+) to increase the time, or turn it towards (–) to decrease the time.
- Note: Once the light is activated by the PIR sensor, any subsequent detection will restart the time again from the beginning.
- The light will stay 'ON' until the duration of the time set by this knob has expired.'
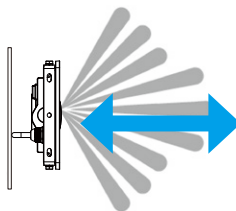
LUX (Lux Control Adjustment)

- The LUX control has a built-in photocell that detects daylight and darkness.
- ☼ – Turning the LUX knob into this position means that the PIR sensor will turn the light ON at 'Daytime' (as well as at night time).
- ☾ – Turning the LUX knob into this position means that the PIR sensor will turn the light ON only at 'Night'.
- Desired LUX level can be set by adjusting the LUX knob between the 'Daytime' and 'Night'.

WALK THROUGH TEST

- Set the TIME knob to min (–) the LUX level to (☼) and SENS knob to (+) position and wait approximately a minute for the control circuit to stabilise. Do not stand within the sensing range of the sensor!
- Direct the sensor towards detection area by adjusting the swivel joint on the sensor arm.
- NOTE: Do not use excessive force. Loosen the wing nut first on the knuckle of the sensor before making adjustment.
- Walk slowly across the detection area. The sensor will detect the infrared radiation of the human body and turn the light ON.
- Test the coverage of the area by walking further away from the sensor until you get satisfactory result. Adjust the direction of the sensor left or right or up or down if required.
- Once you are happy with the direction, don't forget to set the TIME and re-adjust the SENSITIVITY and LUX level required from day (☼) to night (☾) operation.

Good sensitivity walking across the detection area.

Poor sensitivity walking towards or away from the sensor.

MANUAL OVERRIDE

When the power is turned ON the fitting operates in AUTO mode. In this mode the sensor turns the light ON and OFF automatically.

SETTING THE FITTING INTO 'MANUAL MODE'

• The MANUAL OVERRIDE function means that the fitting can be put permanently 'ON'. In this mode the PIR sensor is disabled.

• To set the fitting into 'MANUAL MODE', the fitting must be in AUTO MODE.
Turn the wall switch **OFF** then turn it back **ON** twice within 3 seconds.

Wall switch action:
| 2 times |
| OFF ⟶ ON |

• The lights will turn 'ON' permanently and the fitting will be in MANUAL MODE.

IMPORTANT NOTE: If the wall switch action is done too fast (e.g within 1 second) or too slow (e.g 3 second +) the fitting may not enter into MANUAL MODE.

SETTING THE FITTING BACK INTO 'AUTO MODE'

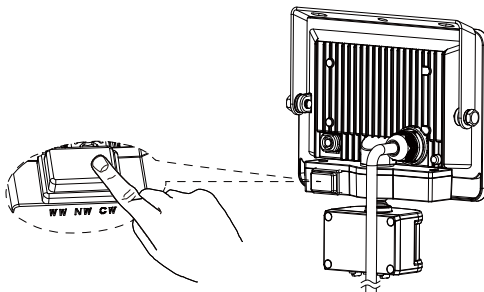• To change back to AUTO MODE, turn the power OFF then turn it back **ON** again twice within 3 seconds.

Wall switch action:
| 2 times |
| OFF ⟶ ON |

• The PIR sensor now will enter into AUTO MODE . The light will stay **ON** for the period of TIME pre-set on the sensor, and it will turn **OFF** after expire of that time.

• The Sensor now is in **AUTO** mode and ready for operation.

Switching colour temperature

• On the back of the LED light body, there is Tricolour switch which allows you to switch the colour temperature of the light among 30000K (WW), 4000K (NW), 5000K (CW).

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(For Warranty Conditions please refer to the Martec Website for Warranty Terms and Conditions)