

LED SPOTLIGHT

ML-SPOTDSN-BL | ML-SPOTDSN-WH



TECHNICAL DETAILS

Total power consumed: 26W
Lumen output: 2240lm
Colour temperature: 5700K
IP rating: IP54
Dimmable: No
Beam angle: 90°
Gimble angle: H 350°, V 145° | Sensor: H 360°, V 180°
Detection beam angle: 180° | Detection range: up to 10 metres
Duration time range: 5 sec to 6 min
Input voltage: AC 85-265V, 50-60Hz
Average life: 40,000 hrs
Operating temperature: -20°C to +45°C
Warranty: 2 years
Weight: 1.15 kg
Size: Lamp Ø76mm | Base Ø133mm

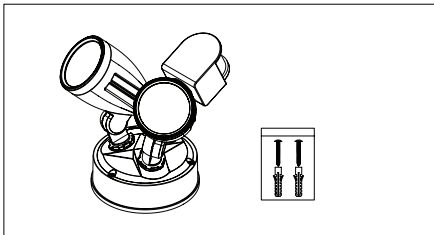
INCLUDED IN THE BOX

1x LED spotlight with two heads
and PIR sensor, 1x wall mounting kit, 1x user guide

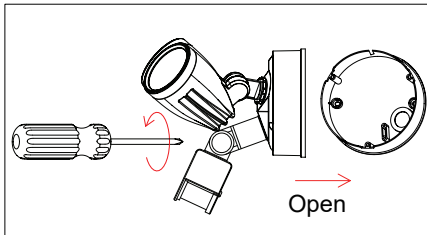
INSTALLATION INSTRUCTIONS

Disconnect mains before proceeding.

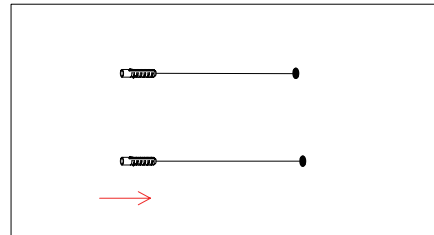
Remove lamp and accessory kit from the box.



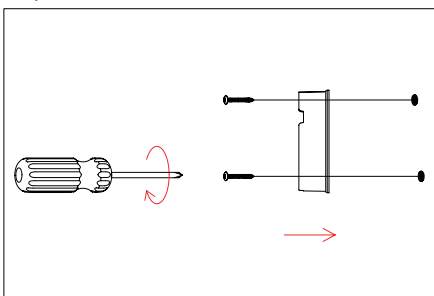
Unscrew and remove the base cover on the bottom of the fitting.



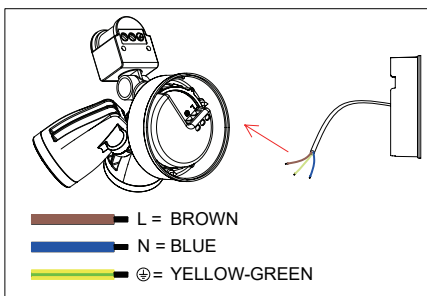
Mount the screw anchors onto the required location, matching the holes in the lamp base cover.



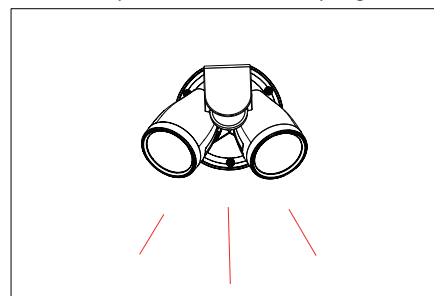
Mount the base cover using suitable screws to the required location.



Wire up the new LED spotlight in accordance with marked terminals.



Fasten the fitting back to the lamp base cover. Restore the power and test the LED spotlight.



PLEASE NOTE

- MUST BE INSTALLED BY LICENCED ELECTRICIAN
- All components must not be mechanically stressed
- Follow all relevant electrical and safety standards (including AS3000)
- Correct electrical polarity must be observed as the wrong polarity may destroy the product and is not covered under warranty
- Damaged by corrosion will not be honoured as a material defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture, condensation and other harmful elements.
- M-Elec will not be held responsible for any incorrect installations or problems occurring due to poor installations.

For further information please visit www.melec.com.au or call us on 1300 222 445.



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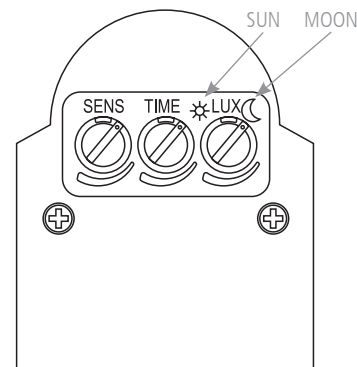
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PIR SENSOR SETUP

With POWER ON and installed by a licenced electrician:

1. Rotate "TIME" dial anti-clockwise to minimum
2. Rotate "SENS" dial clockwise to maximum
3. Rotate "LUX" dial clockwise to daylight(SUN)
4. Move around (walk past or wave hands and arms) and the sensor should turn on the lamps if you are close enough
5. You can adjust the sensor head direction and lamp directions until you achieve the desired setup
6. Once tested and satisfied the time dial can be turned anti-clockwise to the desired time duration
7. For "LUX" setup, adjust the "LUX" dial anti-clockwise to minimum (moon), and wait until light conditions outside are at the level you wish the sensor to operate. (For instance dust)
8. Adjust the "LUX" dial clockwise until the lamps turn on
9. Adjust "TIME" to desired duration



UNDERSTANDING THE CONTROLS

ADJUSTING THE TIME DURATION

The switched ON time after activation can be adjusted from 5 seconds to 6 minutes. Rotate the TIME knob anti-clockwise to reduce the time.

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

ADJUSTING THE LUX CONTROL LEVEL

The Lux control module has a built-in sensing device (photocell) that detects daylight and darkness.

The (sun) position denotes that the spotlight will work at day and night, and the (moon) position will only work at night. You can set the unit to operate at the desired level by adjusting the LUX knob from light (sun) to dark (moon).

SETTING THE CONTROLS

1. Turn the Lux control knob to light (sun) position, turn the wall switch on and wait half a minute for the control circuit to stabilize. At this stage ensure that the TIME control knob is set at minimum. The spotlights will now switch on and will remain switched on for about 30 seconds.
2. Direct the sensor toward the desired area to be scanned by adjusting the elbow joint and the swivel joint on the sensor arm. **Important:** loosen all lock nuts and screws on sensor and lamp holders before making any adjustments.
3. Have another person move across the centre of the area to be scanned and slowly adjust the angle of the sensor arm until the unit senses the presence of the moving person, causing the spotlights to switch on.
4. Adjust time control to required setting.
5. To set the light level at which the spotlights will automatically switch "on" at night, turn the LUX control knob from daylight (sun) to night (moon). If the spotlights are required to switch on earlier, e.g. Dusk, wait for the desired light level, then slowly turn the LUX control knob towards daylight (sun) while someone walks across the centre of the area to be detected. When the spotlight switches on, release the LUX control knob. You may need to make further adjustments to achieve your ideal light level setting.

SENSOR SPECIFICATIONS

1. Detection beam angle: 180°.
2. Detection range: Max. 10 metres at 24 scan.
3. Duration Time adjustment: 5 seconds to 6 minutes.
4. Detection circuitry: Passive Infra Red (PIR).



Warranty Disclaimer



M-Elec transformers / drivers

M-Elec provides warranty against defects of **M-Elec transformers / drivers** on the following terms and conditions. Please refer to M-Elec website (melec.com.au) for information on the warranty period of each product.

- The transformer must be properly installed by a qualified electrician and in accordance with our installation guidelines and any relevant codes and standards.
- The warranty does not apply to M-Elec transformers that fail as a result of neglect, mistake, misuse, alteration, exposure to the elements, or that is improperly installed and implemented. This includes but is not limited to: improper wiring, installation under improper and non-approved operating environments such as temperature, humidity, corrosion or voltage conditions; improper installation using components that are not approved or are not M-Elec manufactured products or if the plug is cut in any way from the transformer.
- It is the responsibility of the purchaser to obtain all necessary approvals and to understand the products intended use and all relevant instructions, recommendations, and guidelines for the proper installation and use of any M-Elec Transformer product and related 'manufactured products' used in conjunction with same.
- M-Elec is not liable for the accuracy and completeness of any statements, technical information and recommendations in any form of product literature or instructions are not guaranteed, and are not part of this warranty, and does not in any way constitute a warranty. The purchaser is solely responsible for determining suitability of the M-Elec transformers for installation and full implementation must determine potential applications and installations independently.
- To make a claim on this warranty, you must do so within 14 days from the day of receipt (from place of purchase) please read our returns policy for further information (melec.com.au/returns-policy) and deliver the transformer to M-Elec (at your cost) at the address given below. We will assess the warranty claim, and if we grant the warranty claim, we will replace the product or refund your money, at our election.
- **M-Elec is not responsible or liable** for any injuries, damages, or death caused by the use, misuse or failure of products purchased from us.
- This warranty is in addition to any other rights the consumer may have under the Australian Consumer Law.

M-Elec LED products - other

Please refer to M-Elec website (melec.com.au) for information on the warranty period of each product. Each of our LED product warranties is separate and subject to the following terms and conditions:

- M-Elec products must be properly installed by a qualified electrician and in accordance with any relevant guidelines, codes, and standards. This includes wiring and connection to proper approved components and product working environments.
- This warranty is void and does not apply to products that fail as a result of neglect, mistake misuse, alteration, or that is improperly installed and implemented. This includes but is not limited to: improper wiring, installation under improper and non-approved operating environments such as temperature, humidity, corrosion or voltage conditions; improper installation using components that are not approved or are not M-Elec manufactured products.
- It is the responsibility of the purchaser to obtain all necessary approvals and to understand the products intended use and all relevant instructions, recommendations, and guidelines for the proper installation and use of any M-Elec products and related 'manufactured products' used in conjunction with same.
- M-Elec is not liable for the accuracy and completeness of any statements, technical information and recommendations in any form of product literature or instructions are not guaranteed, and are not part of this warranty, and does not in any way constitute a warranty. The purchaser is solely responsible for determining suitability of the M-Elec LED products for installation and full implementation must determine potential applications and installations independently.
- The LED product warranties do not cover LEDs that continue to light, but exhibit varying/differing forward voltage drops, light output, or colour/wavelength.
- Warranty is void if LEDs are cut in any way (outside of LED strip instructions) or damaged by neglect.
- Warranty is void if products have been altered, opened/modified in any way that is outside the bounds of normal electrical work. **Please note: This does not include removing or hard wiring downlight drivers or the hard wiring of a flex on an M-Elec flood light)**
- To make a claim on any of M-Elec's products, you must do so within 14 days from the day of receipt (from place of purchase) please read our returns policy for further information (melec.com.au/returns-policy) and deliver the transformer to M-Elec (at your cost) to Head Office. M-Elec will assess the warranty claim by conducting electrical tests, making sure the contacts still exist on the LED and visual and microscopic inspection to make sure there is no visible physical damage such as a melted or broken lens. If M-Elec grants the warranty claim, we will replace the product or refund your money, at our election.
- M-Elec is not responsible or liable for any injuries, damages, or death caused by the use, misuse or failure of products purchased from us.
- This warranty is in addition to any other rights the consumer may have under the Australian Consumer Law.

Missing contacts are the leading cause of LED failure.

Normally this is caused by driving the LED beyond its maximum published specifications, and we can tell by visual and microscopic inspections, and electrical tests, whether a led has suffered a catastrophic current overload, or whether someone applied too much pressure when repositioning or removing the LED. If the LED has no visible damage we will send it to the manufacturer for testing. The manufacturer will determine if it is covered under the warranty. If it is determined that the LED was defective when shipped, we will replace the LED(s) at no charge (postage paid).

To the fullest extent permitted by law, no warranties other than those described above are given in respect of M-Elec products. M-Elec's liability is limited, to the fullest extent permitted by law, to the refund or replacement of the M-Elec products. We expressly do not warrant that an M-Elec product will last any particular length of time nor guarantee is made as to fitness to a particular application, since we have no control of the electrical supply or circuits you are using to drive the LEDs.

M-Elec goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

ALL RETURNS MUST BE RETURNED TO M-ELEC HEAD OFFICE – 10 Technology Drive, Warana Qld 4575

Please read our returns policy procedure for further information on M-Elec website melec.com.au/returns-policy or request it via phone 1300 222 445 from our customer care consultants.



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