

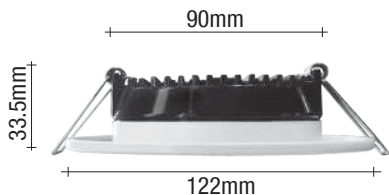


# ML-MR10

ML-MR10 neutral white / warm white with white trim



## TECHNICAL DETAILS



Total power consumed: 10W\*

Lumen output: 720lm Neutral White, 670lm Warm White

Colour temperature: 4000K Neutral White, 3000K Warm White

IP rating: IP54

CRI: 80+

Efficacy: 72-67lm/W

Beam angle: 100 degrees

Dimmable: Yes (for dimming range see website)

Power supply: ML-PS280D

Average life: 30,000 hrs\*\*

Warranty: 3 years (4 years for PLI)

Diameter 122 mm | Depth 33.5 mm | Cut-out: 90 mm

Optional upgrades: Silver trim ML-MR90-TS,  
surface mounted enclosure ML-MRSMT-90

\* Total power consumed including driver

\*\*Life span is calculated on expected average life of driver



## INCLUDED IN THE BAG

1 x LED Downlight with white trim

1 x Dimmable driver with flex & plug



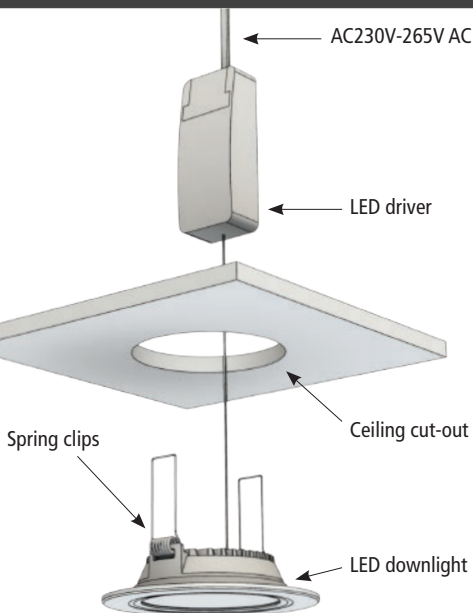
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## INSTALLATION INSTRUCTIONS

1. Before commencing installation or maintenance, ensure electricity is switched off at the mains
2. Remove existing downlight and disconnect old transformer OR mark and cut out 90 mm hole in ceiling
3. Wire up new LED power supply in accordance with marked terminals or plug the driver in
4. Plug in LED downlight to the connector from the power supply
5. Carefully bend spring clips upwards and install new LED downlight



## PLEASE NOTE

- MUST BE INSTALLED BY A LICENSED ELECTRICIAN
- Do not extend low voltage cables from the output of the power supply
- All components must not be mechanically stressed
- Be careful not to damage or destroy conducting paths on the circuit board
- Follow all relevant electrical and safety standards (including AS3000) – only qualified personnel should be allowed to perform installations
- Correct electrical polarity needs to be observed as the wrong polarity may destroy the product which is not covered under warranty
- Damaged by corrosion will not be honoured on the ELV side as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture, condensation and other harmful elements
- Turn off electrical power before starting installation of light fixture
- If these regulations are not followed warranty will be void and all issues are the responsibility of the installer.
- This product has full compliance with the IC-F rating and therefore can be covered in thermal insulation & be installed up against combustible material safely. It is M-Elec's suggestion that you install the driver above insulation for the longest lifespan but the driver on this product can be installed under insulation safely. Please request test report for more details on IC-F.
- **PLEASE ENSURE YOU READ THE DIMMING CHART AND ONLY USE THE SUGGESTED DIMMERS!**
- For further information including photometrics & dimming range, please visit [www.melec.com.au](http://www.melec.com.au)