

# MR Multi

ML-MR-MULTI, ML-MR-MULTI-S



10 watt downlight with selectable multi colour output.

## Product code/Category

ML-MR-MULTI/ Downlights  
ML-MR-MULTI-S/ Downlights

## Product information

The MR MULTI a classic and long respected all-in-one downlight. It features a selector switch, located on the back was one of the first to allow it's user the choice of three colour outputs. The integrated driver allows installation of the fitting in less time (just plug & play).

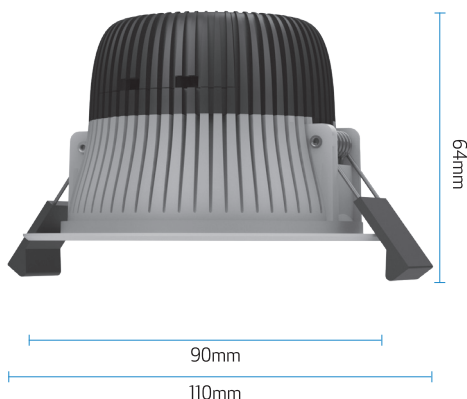
MR-MULTI includes an IC-4 & IC-F rating, which allows it to rest against, and be covered with thermal insulation.



<b>Total power consumed:</b>	10W*
<b>Lumen output:</b>	900lm (W)   910lm (NW)   880lm (WW)
<b>Colour temperature:</b>	6000K (W)   4000K (NW)   3000K (WW)
<b>IP rating:</b>	IP44 For Front IP20 For Rear
<b>CRI:</b>	80+
<b>Efficacy:</b>	88 lm/W
<b>Beam angle:</b>	120 degrees
<b>Dimmable:</b>	Yes (Triac)
<b>Power supply:</b>	Integrated
<b>Average life:</b>	40,000hrs**
<b>Dimensions:</b>	Diameter 110 mm   Depth 64 mm   Cut out: 90mm
<b>Optional upgrades:</b>	Silver trim (ML-MR-MULTI-S)
<b>Compliance:</b>	AS/NZS 60598.1 & AS/NZS 60598.2.2

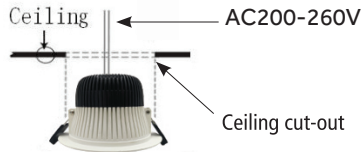
## PLEASE NOTE

1. Follow all relevant electrical and safety standards (including AS3000) – only qualified personnel should be allowed to perform installations
2. Damaged by corrosion will not be honoured as materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture, condensation and other harmful elements.
3. If these regulations are not followed warranty will be void and all issues are the responsibility of the installer.
4. This product has full compliance with the IC-4 & IC-F rating. M-Elec still recommends that an air gap is left around driver + light to ensure the maximum life span of the product is achieved. Please request test report for more details on IC-4 & IC-F.
5. PLEASE ENSURE YOU READ THE DIMMING CHART AND ONLY USE THE SUGGESTED DIMMERS!
6. For further information including dimming range, please visit our website [www.melec.com.au](http://www.melec.com.au)

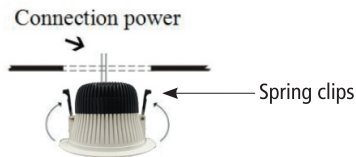


 **Installation instructions**

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. Plug unit into plug have or hard wire into terminals & reinstall terminal cover



4. Carefully bend spring clips upwards and install new LED downlight



For non-replaceable light sources:

"The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced"

For type Y attachments:

if the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

\*Total power consumed including driver

\*\* Life span is calculated on expected average lifespan

## Warranty disclaimer

### **M-ELEC TRANSFORMERS/DRIVERS**

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

The driver 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 drivers 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.

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 driver 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 drivers for installation and full implementation must determine potential applications and installations independently.

To make a claim on this warranty, you must do so within the warranty period (from place of purchase) please read our returns policy for further information (<https://melec.com.au/returns-policy/>) and deliver the driver to M-Elec (at your cost) at the address listed on website. 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 the M-Elec website ([melec.com.au](http://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 the warranty period (from place of purchase) please read our returns policy for further information (<https://melec.com.au/returns-policy/>) and deliver the product to M-Elec (at your cost) at the address listed online. 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. 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.

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.

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

*Due to our policy of continuous product improvement, we reserve the right to discontinue or update product specifications or designs at any time without notice. Please visit [www.melec.com.au](http://www.melec.com.au) for the latest information on our products*

