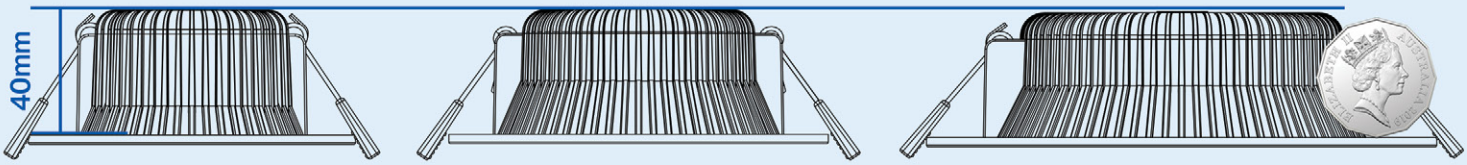
scan for more info

M-ELEC | Designed for electricians

MR7 MR8 MR12



FITS UNDER
MAJORITY OF TRUSSES

SLIMMEST DOWNLIGHTS
WITH ON-BOARD DRIVER

COMPATIBLE WITH
MAJOR DIMMERS

MR Downlights
7W, 8W & 12W LED Dimmable

Product Information

The MR downlight range features a low profile body to allow installation under trusses and frames while receiving an updated on-board driver with improved dimming capabilities.
All MR downlights include an IC-4 rating which allows it to rest against, and be covered with, suitable insulation.

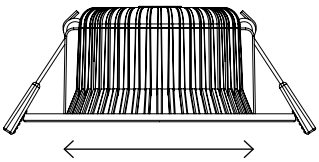
5 year warranty

TECHNICAL INFORMATION

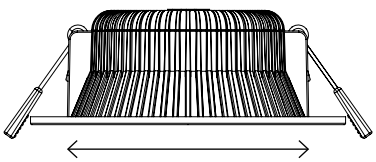
	ML-MR7-M	ML-MR8-M	ML-MR12-M
Total Power	7W*	8W*	12W*
Lumen Output	**WW** 664lm** | **NW** 733lm** | **W** 693lm**	**WW** 710lm** | **NW** 792lm** | **W** 737lm**	**WW** 1185lm** | **NW** 1288lm** | **W** 1234lm**
Efficacy	**WW** 95lm/W | **NW** 104lm/W | **W** 99lm/W	**WW** 89lm/W | **NW** 105lm/W | **W** 91lm/W	**WW** 99lm/W | **NW** 107lm/W | **W** 103lm/W
Colour Temperature	**WW** 3000K | **NW** 4000K | **W** 5700K		
IP Rating	IP40 Back | IP54 Front		
CRI	80		
Beam Angle	110°		
Dimmable	Yes, TRIAC / Trailing dimming		
Power Supply	220-240V AC Integrated Driver		
Power Factor	0.9		
Input Voltage	AC 220-240V		
Frequency	50Hz		
Average Life	54,000 hrs***		
Operating Temperature	-20°C to +45°C		
Compliance	SAA, C-TICK, IC-4		
Connection	600mm Flex & AU Plug		
LED Chip Brand	SMD2835		
Materials	PC Diffuser, White Aluminium Coated Plastic Housing		
Dimensions: Base:	Diameter 95mm | Depth 38mm****	Diameter 110mm | Depth 40mm****	Diameter 148mm | Depth 40mm****
Cut Out	70-85mm	90-95mm	120-130mm
Weight	0.147kg	0.17kg	0.232kg
Kit Includes	1 x LED Downlight, 1 x Dimmable Driver with 0.6m Flex & AU Plug		

* Total power consumed including driver
** Lumen output may vary upon installation environment
*** Average life is calculated on expected average lifespan
*** Total depth measured from front of mounting surface to top of downlight

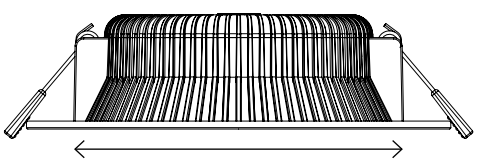
DIMENSIONS



70-85mm cut out



90-95mm cut out

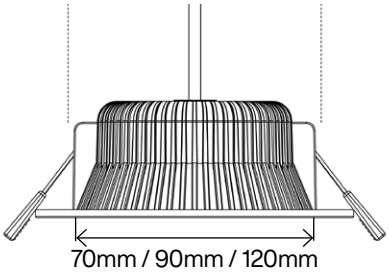


120-130mm cut out

INSTALLATION GUIDE - MR7, MR8 & MR12

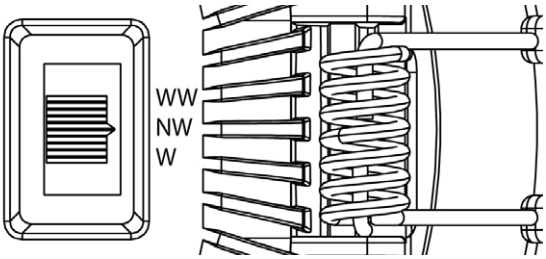
1

Before commencing installation or maintenance, ensure electricity is switched off at the mains.
Existing Installation: Remove existing downlight and disconnect old transformer.
New installations: Mark and cut out a hole in ceiling.
(70mm for MR7, 90mm for MR8, 120mm for MR12)



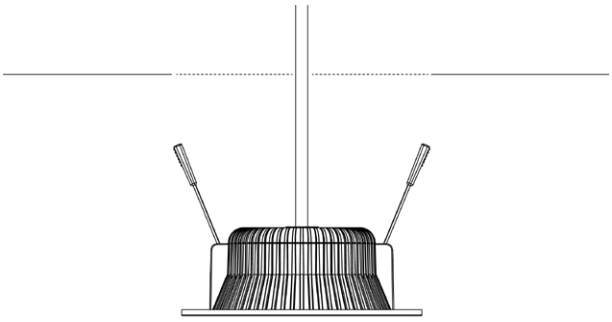
2

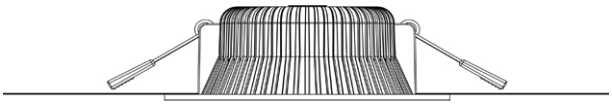
Set the desired colour output with the “selector switch” on the back of the downlight head (see picture beside)



3

Plug unit into a suitable surface socket OR connect the rapid connector onto the cable
Carefully bend spring clips upwards and install new LED downlight





PLEASE NOTE

MUST BE INSTALLED BY A LICENSED ELECTRICIAN

- Read instructions carefully before attempting to install the fitting. Retain this guide for future reference
- Disconnect power before installing or servicing
- All components must not be mechanically stressed
- Follow all relevant electrical and safety standards (including AS3000)
- Damage 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
- Insulation distance: Building insulation and building elements may abut the luminaire on the sides and/or the top.
- The light source of this luminaire is not replaceable - the whole luminaire should be replaced.
- The flexible cord that is damaged can only be replaced by the manufacturer, its service agent, or a similarly qualified person.

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Version 6