



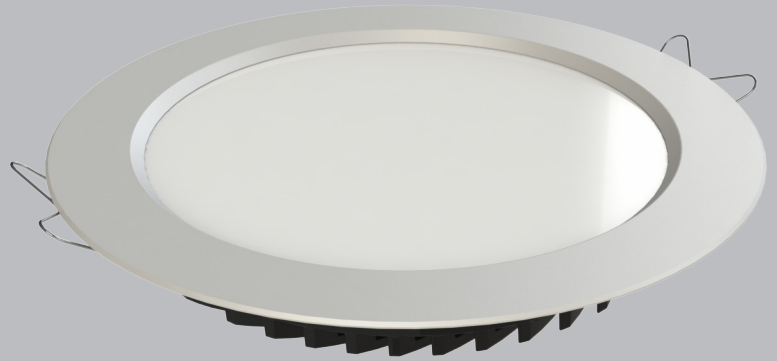
MR2030 MULTI OUTPUT 3CCT LED DOWNLIGHT

PRODUCT INFORMATION

LED Mates Rates 20/30W downlight with multi CCT function can be set to NW, WW or W. External driver and dimmable.

INCLUDED IN THE BOX

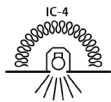
- 1 x LED high powered downlight
- 1 x Dual power & dimmable driver
- 1 x Flex & plug



*Total power consumed including driver
**IP rating refers to installed product

TECHNICAL INFORMATION

Total power consumed:	24W 34W* (MAX 36W)
Lumen output 20W:	2526lm WW 2780lm NW 2668lm W
Lumen output 30W:	3282lm WW 3663lm NW 3358lm W
Colour temperature:	3000K WW 4000K NW 6000K W
Efficacy:	100-123lm/W
IP rating:	IP54** (Whole fitting IP rating: IP20)
CRI:	80+
Beam angle:	100°
Average life:	35,000 hrs
Warranty:	5 years
Diameter:	227 mm Depth 39 mm Cut-out 185 mm
Weight:	0.86 kg



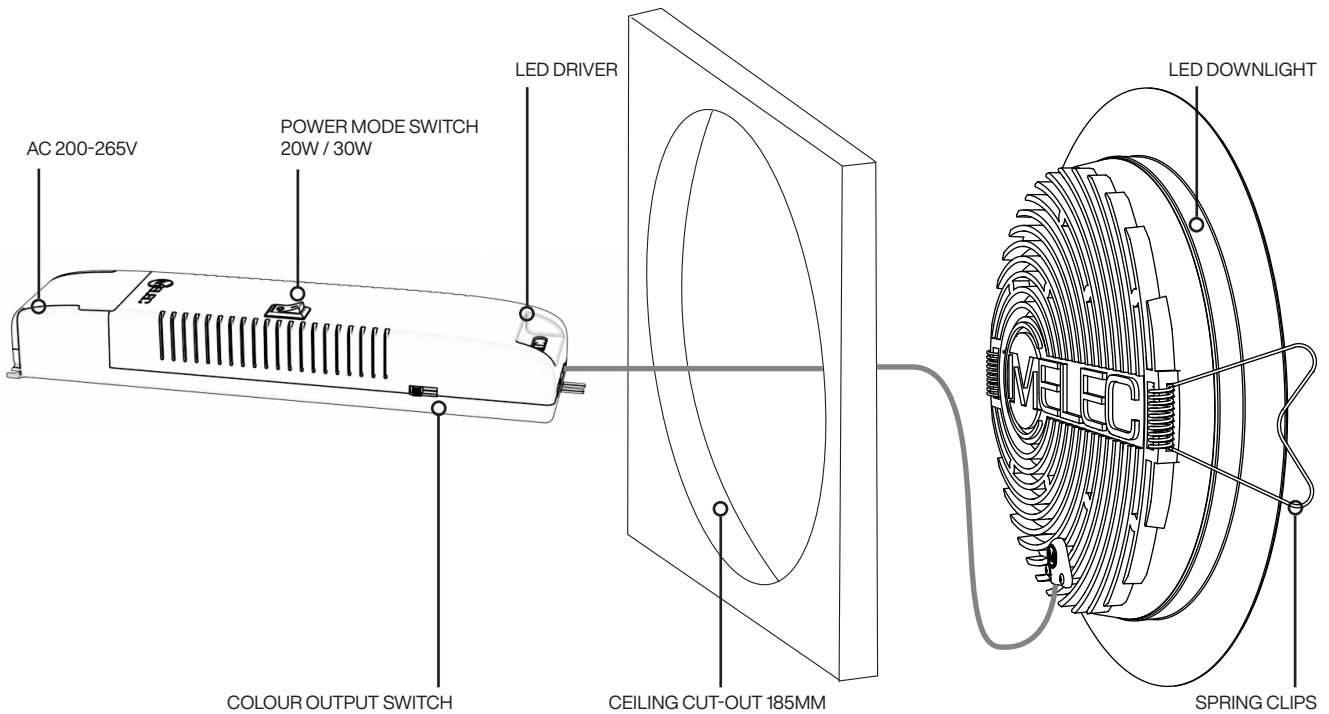
DRIVER TECHNICAL INFORMATION

Dimmable:	Yes (For dimming range see our website)
Power supply:	ML-MR2030-MULTI
Input Voltage:	200-265V, 50-60Hz; Input current: 0.11/0.15A
Output Voltage:	30-40V; Output current: 580-820mA
Ratings:	Do not cover, Independent, SELV, Class II,
Ta:	-10°...+ 45°, Tc: 80°

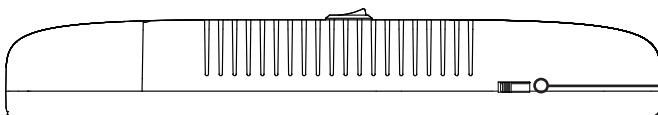


INSTALLATION INSTRUCTIONS

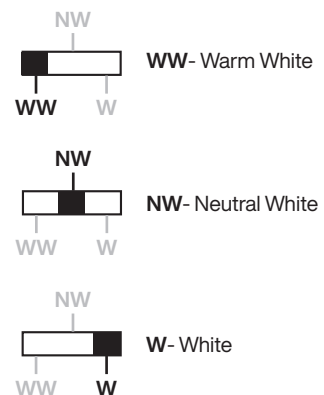
1. Disconnect mains before proceeding,
2. Remove existing downlight and disconnect old transformer OR mark and cut out 177 mm hole in ceiling,
3. Wire up new LED power supply in accordance with marked terminals,
4. Set the switch on the driver to 20W / 30W power mode (refer to diagram 1),
5. Set the switch on the side of the driver to desired setting (refer to diagram 2),
6. Plug-in high powered downlight to the connector from the power supply,
7. Carefully bend spring clips upwards and install new LED downlight.



COLOUR OUTPUT SWITCH



Select the desired colour output by setting the switch on the driver to one of the positions below:



ADDITIONAL INFORMATION

HCB = MIC = SCB = SCI = 0mm

Building insulation may be about the sides of the luminaire

HCB – Height clearance to building element

Minimum distance as specified by the luminaire manufacturer between the top of the recessed luminaire and any building element above it.

MIC – Minimum insulation clearance

Minimum distance as specified by the luminaire manufacturer between the top of any building insulation and the building element above it.

SCB – Side clearance to building element

Minimum distance between the side of the recessed luminaire and any building element as specified in AS/NZS 3000 or as specified by the luminaire manufacturer.

SCI – Side clearance to insulation

Minimum distance as specified by the luminaire manufacturer between the recessed luminaire and any building insulation.

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.

Non-user replaceable light sources: The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

PLEASE NOTE!

- MUST BE INSTALLED BY LICENSED ELECTRICIAN
- Do not extend low voltage cables from the output of power supply
- All components must not be mechanically stressed
- Be careful not to damage or destroy conductive paths on the circuit board
- 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
- 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.
- This product has full compliance with the CAA135 rating and therefore cannot be covered with thermal insulation but can be installed up against combustible material safely.
- M-Elec 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 CA135.
- For further information including photometrics & dimming range, please visit www.melec.com.au