MR Oysters

ML-MROYS12-MULTI, ML-MROYS18-MULTI & ML-MROYS24-MULTI

12/18/24 watt LED Oyster with selectable multi colour outputs

5 year warranty

Product code/Category

ML-MROYS12-MULTI/ Oysters
ML-MROYS18-MULTI/ Oysters
ML-MROYS24-MULTI / Oysters

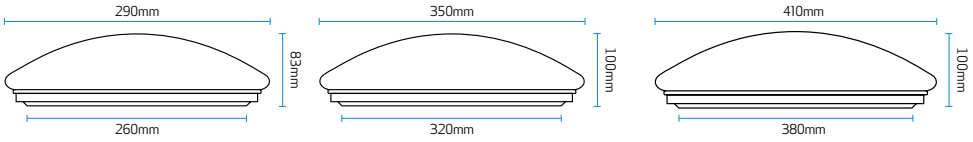
Product information

The new oyster now meets all the demands of trade with a center cable entry, 3 output colours selectable from the on board selector switch, large terminal block and quarter turn 2mm thick PMMA diffuser. Available in 3 sizes with large bases and available with sensor version to maximise efficiency when light is not consistently required.

Also available in sensor versions

ML-MROYS18-MULTI-S, ML-MROYS24-MULTI-S

	ML-MROYS12-MULTI	ML-MROYS18-MULTI	ML-MROYS24-MULTI
Total power consumed:	12W*	18W*	24W*
Lumen output:	850lm (WW) | 950lm (NW) | 900lm (W)	1,300lm (WW) | 1,500lm (NW) | 1,400lm (W)	1,600lm (WW) | 1,800lm (NW) | 1,700lm (W)
Colour temperature:	3,000K (WW) | 4,000K (NW) | 6,000K (W)		
IP rating:	IP44		
CRI:	80+		
Efficacy:	70-80lm/W	72-83lm/W	71-80lm/W
Beam angle:	180 degrees		
Dimmable:	No		
Power supply:	Integrated driver		
Power factor:	>0.9		
Frequency:	50Hz		
Average life:	40,000hrs**		
Dimensions:	Dia: 290 mm | Height: 83 mm | Base dia: 260mm	Dia: 350 mm | Height: 100 mm | Base dia: 320mm	Dia: 410 mm | Height: 100 mm | Base dia: 380mm
Net weight:	0.42kg	0.6kg	0.8kg
Temperature range:	-20°C to 40°C		
Compliance:	EMC (RCM) & SAA		
Connection:	Terminal block		
LED chip brand:	SMD2835		
Material type:	Iron & PMMA 2mm thick diffuser		
Kit includes:	1 x LED oyster, 1 x Inbuilt driver, 1 x Installation instructions		



*Total power consumed including driver
** Life span is calculated on expected average lifespan

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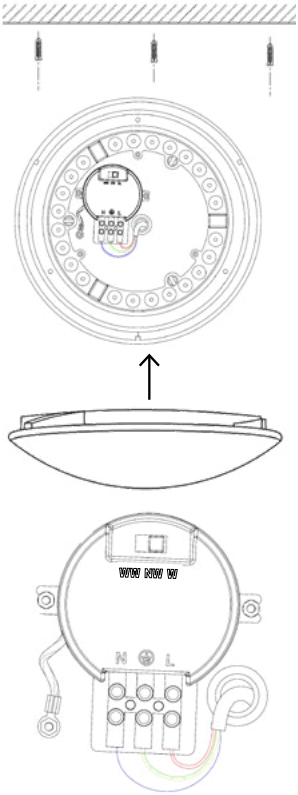
ML-MROYS12-MULTI, ML-MROYS18-MULTI & ML-MROYS24-MULTI

Installation instructions

PLEASE FOLLOW INSTRUCTIONS FOR CORRECT INSTALLATION:

1. Ensure all power is off before beginning installation.
2. Remove the cover of the oyster by twisting the diffuser in an anti-clockwise direction and pulling off.
3. Place the base against the wall/ceiling and fix securely using suitable screws/fixing methods.
4. Wire up the terminal according to the L/E/N marks.
5. For sensor versions (ML-MROYS18-MULTI-S or ML-MROYS24-MULTI-S). Set the microwave sensor up according to your preferred settings (on time, sensitivity, lux levels).
6. Select correct output colour on the colour selection switch.
7. Seal any holes to prevent bugs/insects getting inside and reinstall the diffuser by placing it onto the base and twisting slightly in a clockwise direction.
8. Test the safety and operation in accordance with all standards.



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 to not damage or destroy conducting 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
- If these regulations are not followed warranty will be void and all issues are the responsibility of the electrician

For further information please visit www.melec.com.au

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) 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 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 for the latest information on our products