



Important Instructions

Please follow instructions carefully. Failure to do so will void warranty. Please ensure installation complies with local law and applicable standards.

- Only use a Megabay Optimo transformer or power supply.
- Ensure mains input power is surge protected.
- Never make connections whilst the power is connected.
- Do not make modifications or alter the product.
- Gloves must be worn handling optics
- Keep luminaire clean and free of debris.

Step 1 Locate and mark position of luminaires. Observing maximum cable distance & transformer load. (Refer to tables).

Maximum number of Luminaires on a single cable run

Cable Type	100m	50m
1.8mm ² (AWG 13) cable	10	20
4.0mm ² (AWG 6) cable	20	40

Cable example shown. Consult your cable supplier for detailed voltage drop information.

Maximum number of Luminaires per Transformer

MLE-OT-100	1 - 20
MLE-OT-200	1 - 40

Optimo toroidal transformer :

MLE-OT-100 :: 100 Watt 25VAC
MLE-OT-200 :: 200 Watt 25VAC

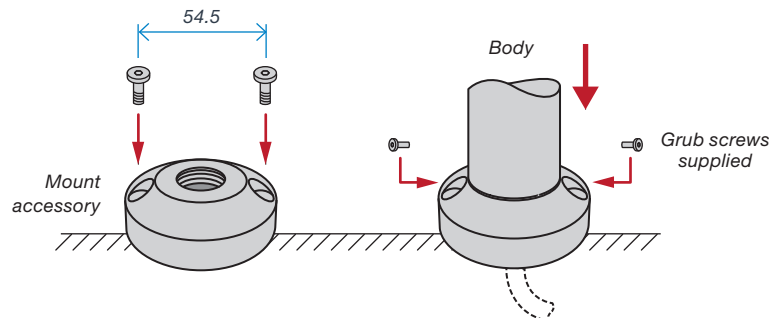
Step 2 Run low voltage cable from the transformer to the luminaires.
**Input voltage range 10V AC ~ 30V AC
12V DC ~ 32V DC**

Step 3 Use either **MOUNT** or **SPIKE** fixing method depending on accessory supplied.

MOUNT fixing

M

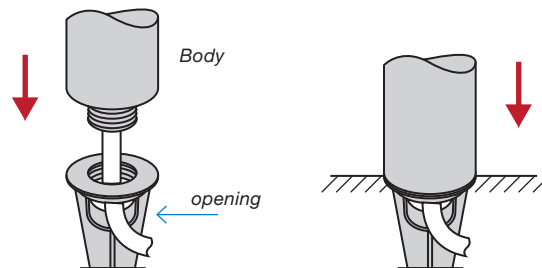
Mark position of mount centre point
Drill holes 54.5mm apart.
Secure the base with suitable countersunk M6 bolts/screws.
Screw the body into the mount, secure with supplied grub screws.



SPIKE fixing

S

Feed the cable through the lower opening.
Screw the body and spike together.
Push firmly into earth.



All dimensions shown are in millimetres (mm)

Step 4 A solder joint insulated with an adhesive lined heat shrink is recommended for long term performance.

See Page 2 for Wiring & Dimming Schematic



Wire Legend

Black	AC Power
Purple	AC Power
Red & White	1-10V DC dimming (+)
Grey & White	1-10V DC dimming (-)



Wiring Schematic

220~240V AC mains input



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