



Important !

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.



Read before installing !

Aquovis AQ10

this luminaire must be fully submerged in water during operation.

Aquovis AQ5

this luminaire can operate above or underwater.

Both luminaires are identical, take care not to get them mixed up before installation.

Installation Steps

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

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 Attach optional baseplate if supplied. Secure luminaire into position.

Step 4 Make a connection.

Out of water - a solder joint insulated with an adhesive lined heat shrink is recommended for long term performance.

Underwater - connections encapsulated in epoxy resin 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 (-)

Step 5 Apply power and check operation.

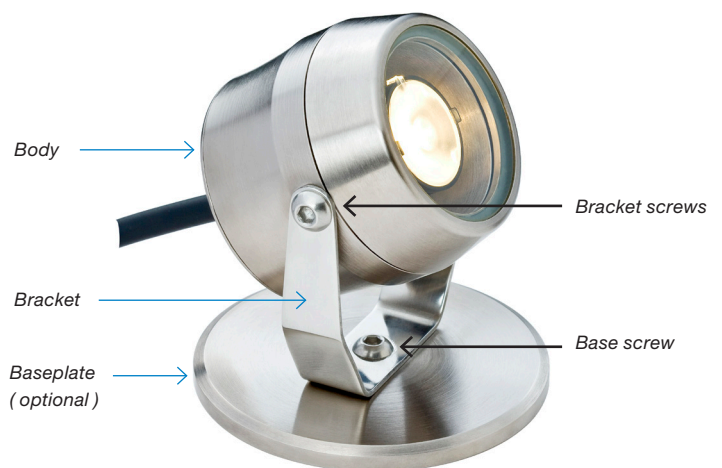
Maximum number of Luminaires on a single cable run

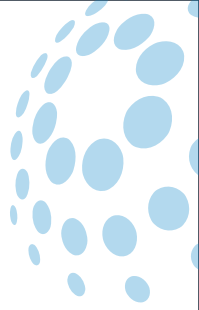
Cable Type	100m	50m
1.8mm ² (AWG 13) cable	5	10
4.0mm ² (AWG 6) cable	10	20

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

Maximum number of Luminaires per Transformer

MLE-OT-100	1 - 10
MLE-OT-200	1 - 20





Wiring Schematic

220-240V AC mains input



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