

Installation Instructions for the Light Ideas Transformers for External Low Voltage Lighting

**THESE INSTRUCTIONS MUST NOT CONTRAVENE YOUR LOCAL ELECTRICITY
AUTHORITY REGULATIONS, WITH WHICH ALL INSTALLATIONS MUST APPLY. A
SUITABLE QUALIFIED ELECTRICIAN MUST CARRY OUT THE INSTALLATION.**

Warning

Transformers must not be carried by the cables fitted to them. This may break the seal within the transformer and could lead to water ingress. This will invalidate the warranty.

It is recommended that pressure is not applied to the cables where they exit from the transformer; this may break the seal within the transformer and could lead to water ingress. This will invalidate the warranty.

The transformer and cable must be protected to comply with the Electrical Authority regulations. It is recommended that the transformer and cable joints be buried in an accessible place.

A 240 volt waterproof heat shrink joint should be made between the grey 240 volt cables and the supply cable using adhesive lined heat shrink sleeving. It may be easier to achieve this by making the 240 volt connection in a junction box above the ground.

Ensure that the maximum rating of the transformer is not exceeded, this will invalidate the warranty.

Recommendations

If the transformer is being mounted above the ground, it is recommended that the cables should exit horizontally from the transformer.

It is not recommended to bury the transformer close to the surface of the ground or in dry sand, as this may cause the internal thermal cutout to operate. A minimum depth of 500mm is recommended, but this must not contravene your local Electricity Authority Regulations.

A flexible conduit should be used to protect all the cables.

Please keep these instructions for future reference