

## EURO SPOT LITE, FERN LITE, NPS SPOT, SPIKE SPOT, SPIKE SPOT ADJUSTABLE & TWIN BAR LITE LUMINAIRES

### INSTALLATION INSTRUCTIONS

**NOTE:** THESE INSTRUCTIONS MUST NOT CONTRAVENE YOUR LOCAL ELECTRICAL AUTHORITY REGULATIONS, WITH WHICH ALL INSTALLATIONS HERE IN MUST COMPLY. PLEASE KEEP INSTRUCTIONS FOR FUTURE REFERENCE.

These luminaires are simple and easy to install as they have spikes on the bottom which can be pushed into the ground where ever you desire light. Place the Euro Spot, Fern Lite, Spike Spot, Spike Spot Adjustable or Twin Bar Lite Luminaires on the ground where you wish to install and then run the low voltage cable from the transformer (if the transformer is to be buried - installation of the transformer must be carried out by a licenced electrician to meet local Electrical Authority Regulations) to the Euro Spot(s), Spike Spot(s), Fern Lite(s) or Twin Bar Lite(s). All cable connections must be made using heavy walled adhesive lined heat shrink to prevent water leaking into the cable joint. Once this is completed push the Euro Spot(s), Spike Spot(s), Fern Lite(s) or Twin Bar Lite(s) into the ground in the desired position.

#### Recommendation:

Run all low voltage cables in flexible conduit for extra protection.

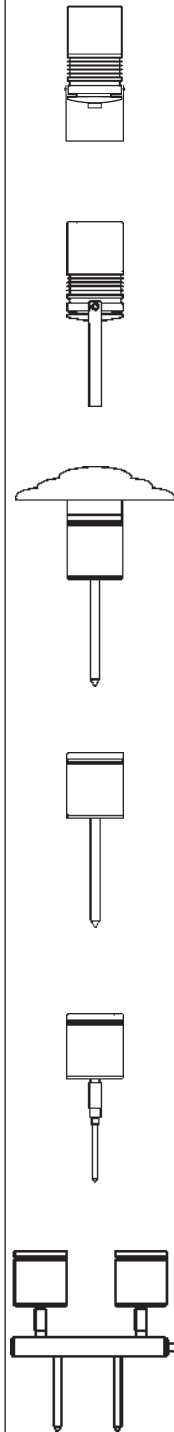
Use Hunza CJK# 150 Cable Joint Kit.

It is recommended that high quality lamps are used when replacing lamps. Do not over tighten lens ring as this will make removal difficult and may cause lamp to break. Leave extra cable to allow the luminaire to be moved as foliage grows in size.

**Warning - Take care to place luminaire in a suitable, safe position, due to operating temperature of luminaire.**

**Do not water blast/jet wash this fixture under any circumstances.**

**Stainless Steel Maintenance:** To maintain the finish of 316 stainless steel it is recommended to wash the luminaire with fresh water from time to time to stop salt and corrosive elements building up. If tea staining appears, a commercially available stainless steel cleaner is recommended to remove this. Electro polishing is recommended in this situation but the fitting will still require regular maintenance. Even an electro polished stainless steel fixture under an eave or roof will suffer from the build up of salt deposits as it will not be washed away by rain.



### LAMP CHANGING

**CAUTION:** Make sure that the power to the luminaire is switched off before attempting to change the lamp.

Beware, the luminaire and lamp may be hot. It is absolutely critical that when changing lamps that the correct wattage lamp is installed. Incorrect wattage lamps or halogen capsules may cause HUNZA™IG series transformers to overload causing the transformers to heat up and turn the luminaires off and on.

### HALOGEN CAPSULE CHANGING (FERN LITE)

**Do not touch halogen capsule with bare fingers, leave plastic bag over the capsule and push the capsule into the lamp holder. Then remove plastic bag before switching fitting on. MAXIMUM WATTAGE 20 WATT G4 HALOGEN CAPSULE.**

### GLARE GUARD INSTALLATION (NOT EURO SPOT)

Carefully remove lens ring, making sure not to drop the glass lens (as this may cause damage), keeping gasket in place. Hold body of luminaire tightly and screw Glare Guard ring onto light luminaire. Still holding body of luminaire tightly rotate glare guard to desired position.

#### Lamp Changing Sequence (MR16)

Only use MR16 lamps where the glass cover sits below the lip of the lens. Unscrew the lens ring, remove the gasket and lens. Pull lamp forward until the ceramic lamp holder becomes visible. Hold the lamp holder in one hand and remove the lamp with the other hand very carefully. Do not touch the glass capsule in the middle of the reflector when pushing the lamp back into the ceramic lamp holder. When replacing the gasket and lens, make sure there is no dirt or grit on the gasket. Dirt or grit on the gasket may cause luminaire to leak.

#### Euro Spot Lite Lamp Changing Sequence (MR11)

Unscrew the lens section of the luminaire & remove lamp. Do not touch the glass capsule in the middle of the reflector when pushing the lamp back into the ceramic lamp holder. Refit the lens section onto the luminaire & tighten.

#### Gasket and lens sequence (Not Euro Spot)

Place lens on top of lamp and put orange gasket on top of lens. Screw on lens ring or flange.

### LAMP DISPOSAL

Metal Halide and Fluorescent lamps contain small amounts of Mercury which can be harmful to the environment if the lamp is broken. Please contact your local authorities for information on the disposal of Metal Halide and Fluorescent lamps to ensure they are disposed of correctly.

