

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

PLEASE RETAIN THE SWING TAG ATTACHED TO THE FIXTURE FOR FUTURE REFERENCE.

**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.

### INSTALLATION INSTRUCTIONS

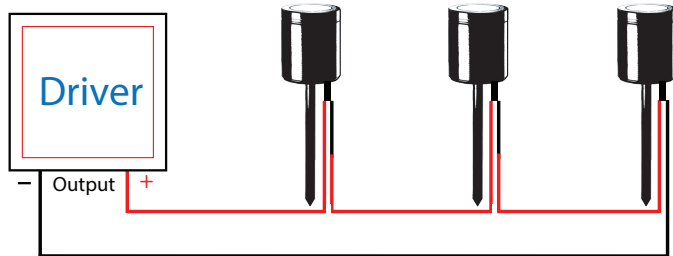
These luminaires are simple and easy to install as they have spikes on the bottom which can be pushed into the ground where ever you desire light. Place the Euro Spot, Fern Lite, Spike Spot, Spike Spot Adjustable or Twin Bar Lite Luminaires into the ground where you wish to install and then run the low voltage cable (refer to Fig. 1 or Fig. 2 for series or parallel wiring) 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.

**Note :** If not using a HUNZA™ driver - you must select a suitable constant-current driver. Decide what output is required in mA (350, 700, 1000), the LED requires a forward voltage of 6 vdc.

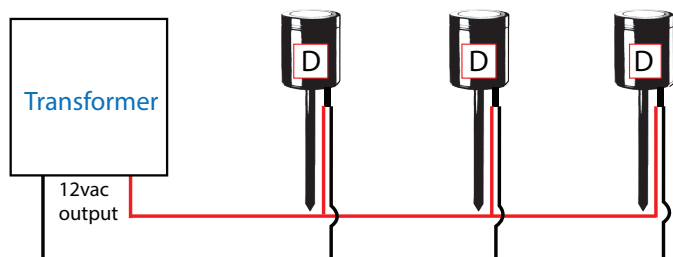
**Warning:** Do not disconnect the LED luminaire from secondary side of the the driver connected to the mains. Switch off mains FIRST then disconnect luminaire from the output side of the driver.

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

Fixture wired in Series



Fixture with Internal Driver Wired in Parallel



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### LED CHANGING

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

### 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.

### LED Changing Sequence

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 & 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.

### Recommendation:

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

Use Hunza CJK#150 Cable Joint Kit.

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.

**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.