

## RETRO™ EURO WALL SPOT, PAGODA LITE, PILLAR LITE, TWIN WALL SPOT, WALL DOWN LITE, WALL SPOT & TIER LITE WALL MOUNT HALOGEN LUMINAIRES (with built in electronic transformers)

### 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. MUST BE INSTALLED BY A LICENCED ELECTRICIAN

Apply sufficient silicone sealant to the groove on the back of the mounting plate, to seal against the wall. Fit cables through 25mm hole (if mounted on porous material e.g. mortar or if there is any possibility of water leaking down the cable track, the cable must be sealed around the 25mm hole in the backplate to stop water building up in the transformer housing). Mount the back plate onto the wall. Connect the phase (active) wire and the Neutral wire to the terminal block of the fitting. Assemble the luminaire onto the mounting plate (check that the backplate gasket is in place) and use screws provided to secure luminaire. Make sure to use the rubber washers supplied under the mounting screws to stop water leaking into the luminaire. If there is any possibility of water leading down the cable track, the cable entry point must be waterproof sealed.

**DO NOT connect in close proximity to inductive loads, eg. air conditioning systems, water pumps etc. without appropriate mains filter ring. Use a suppression interface module for every six luminaires connected to the circuit.**

**DO NOT carry out a Megger or insulation test on a circuit with a RETRO™ luminaires connected to it.**

**DO NOT connect to a circuit that has an electronic soft start motor starter on it.**

**DO NOT mount on a horizontal surface where water may collect or pool.**

**DO NOT connect to any Electronic Home System without checking with the manufacturer that it is suitable to control the HUNZA™ luminaire.**

**DO NOT water blast/jet wash this fixture under any circumstances.**

**Warning:** Do not suspend luminaire from Red and Black cables as this may cause luminaire to leak water into the head. For pergola or wall mounting, a drip loop in the supply cable will allow water to collect and drop from a point lower than the luminaire.

**NOTE:** Due to the nature of electronics, the ambient temperature of the installation location must be considered carefully as the luminaire may not operate reliably at temperatures below -8°C (18°F).

**Warning:** Twin lamp luminaires i.e. Twin Wall Spot, Pillar Lite have a 75 watt electronic transformer operating the lamps. If two 50 watt lamps are installed the luminaire will not operate, the electronic transformer has a built in safety shut down system that will not switch the lamps on when the power is applied. If this situation occurs -

a) Switch power off.

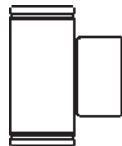
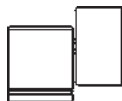
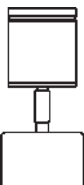
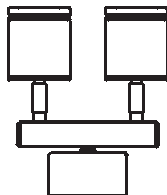
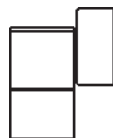
b) Remove lamps and replace with two 20 watt lamps & switch power on.

**WARNING:** Take care to place luminaire in a suitably safe position due to operating temperature of the luminaire.

**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 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



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**Warning:** We recommend when connecting to photocells and timers that the outputs of these devices be a relay output and not an electronic output. This is due to the high frequency output of these devices which can lead to failure of the internal driver.

### LAMP CHANGING

**CAUTION:** Make sure that the power to the luminaire is switched off before attempting to change the lamp. Beware of hot luminaire and lamp. Make absolutely sure when changing lamps that the correct wattage lamp is installed, i.e. 50 watt lamps are most common however RETRO™ luminaires e.g. Pillar Lite, Twin Wall Spot luminaires all have 20 watt lamps installed. Incorrect wattage lamps or halogen capsules may cause RETRO™ luminaires not to illuminate due to overload.

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

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

**Lamp Changing Sequence (MR16)**

Only use MR16 lamps where the glass cover sits below the lip of the lamp. Unscrew lens ring, remove gasket and lens. Pull lamp forward until the ceramic lamp holder appears. Hold lamp holder in one hand and remove lamp with 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 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.

**Gasket and lens sequence (Not Euro Wall Spot Lite)**

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

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.

### HALOGEN CAPSULE CHANGING (PAGODA LITE)

**CAUTION:** Make sure that the power to the luminaire is switched off before attempting to change the lamp. Beware of hot luminaire and lamp. Make absolutely sure when changing lamps that the correct wattage halogen capsules may cause HUNZA™ IG series transformers to overload causing the transformers to heat up and turn the luminaires off and on.

**WARNING:** Do not touch halogen capsule with bare fingers, leave plastic bag over the capsule & push into the lamp holder. Then remove plastic bag before switching luminaire on.  
Maximum Wattage 20watt G4 Halogen Capsule.

### GLARE GUARD INSTALLATION (NOT EURO WALL SPOT LITE)

Carefully remove lens ring making sure not to drop the glass lens and cause damage to it, 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.

