

## E-LITE & E-LITE GU10 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.**

Cut a 70mm (Ø70) hole in the ceiling. Connect lampholder cable to transformer. To achieve an IPX5 rating, run a bead of RTV / silicone around the lip of the mounting canister to form a waterproof seal. Feed the lampholder through the mounting canister. Bend the clips up to a vertical position, then feed the mounting canister through the pre-cut hole. Fit lamp to E-Lite flange using spring clips supplied. Connect lampholder to lamp. Push E-Lite flange and lamp assembly into mounting canister. Refer to the information in Table 1 and Table 2 to ensure compliance with the New Zealand Electrical Code of Practice for the Installation of Recessed Luminaires and Auxiliary Equipment NZECP 54.

NOTE: This fixture is supplied without a heat canister.

E-Lite Recessed Luminaire Classification (NZECP 54 = CS)  
Luminaire moisture transfer category: C = closed  
Thermal insulation clearance class: S = standard (100mm)  
Acoustic rating = RW30  
Waterproof rating = IPX5

TABLE 1  
RECESSED LUMINAIRE SPECIFICATIONS

	E-LITE
Voltage	12 volts
Maximum wattage	50 watt
Lamp type	halogen MR 16
Lamp base	GU5.3

TABLE 2  
AUXILIARY EQUIPMENT SPECIFICATIONS

	E-LITE
Recommended clearance from luminaire	50mm

NOTE: The recessed luminaire should be installed according to the default clearances from combustible and thermal insulating material as specified in the table below.

Dimension	Halogen lamp
Clearance above luminaire	200mm
Side clearance to structural member	200mm
Clearance to thermal insulation	200mm
Clearance to supply transformer	50mm

**WARNING: Recessed luminaires and their auxiliary equipment may pose a risk of fire or damage to property if not installed and maintained correctly. Do not water blast/jet wash this fixture under any circumstances.**

## INSTALLATION INSTRUCTIONS FOR GU10 LUMINAIRES

Cut a 70mm (Ø70) hole in the ceiling. Connect the phase (active) wire, the neutral wire and the earth wire to the input cable of the luminaire. To achieve an IPX5 rating, run a bead of RTV / silicone around the lip of the mounting canister to form a waterproof seal. Feed the lampholder through the mounting canister. Bend the clips up to a vertical position, then feed the mounting canister through the pre-cut hole. Fit lamp to E-Lite flange using spring clips supplied. Connect lampholder to lamp. Push E-Lite flange and lamp assembly into mounting canister. Refer to the information in Table 1 and Table 2 to ensure compliance with the New Zealand Electrical Code of Practice for the Installation of Recessed Luminaires and Auxiliary Equipment NZECP 54.

### Recommendation:

It is recommended that high quality lamps or halogen capsules are used when replacing lamps or halogen capsules.

**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 of hot luminaire and lamp. Make absolutely sure when changing lamps that the correct wattage lamp is installed. Incorrect wattage lamps may cause HUNZA™ IG series transformers to overload causing the transformers to heat up and turn the luminaires off.

#### Lamp Changing Sequence (90mm and 105mm E-Lite)

Insert 2 narrow flat blades into the 2 grooves beneath the lip of the E-Lite that are 180° apart from each other. Gently pry the E-Lite away from the mounting canister in the ceiling. Remove the lamp holder from the lamp carefully, then remove the stainless steel C clip. Reinstall new lamp and reinsert lamp holder.

#### Lamp Changing Sequence (All other ceiling luminaires)

Using 2 flat blades/screwdrivers, insert the 2 blades beneath the lip of the luminaire and gently pry away from the mounting canister in the ceiling. Remove the lamp holder from the lamp carefully. Unscrew the adaptor from the luminaire flange. Remove and replace lamp. Carefully screw adaptor back onto the luminaire flange and reinsert lamp holder.