


IT IS RECOMMENDED THAT LIGHTS ARE INSTALLED BY A QUALIFIED ELECTRICIAN


1 Before starting any electrical work or connecting your light you will need to switch off your power supply at the fuse box (consumer unit). Either the miniature circuit breaker (MCB) can be turned off for the circuit for your light and applying **RED** insulating tape over the MCB to prevent it from being accidentally turned on. Or the main switch can be turned off, the circuit fuse removed, and the main switch turned on again to restore power to the rest of the house.

2 Colour code for fixed wiring:

| | | | |
|--------------------------|---|---|--|
| GREEN/YELLOW | - Earth |  | |
| BROWN | - Live (introduced 2004) |  | Live (Pre 2004 colour code) RED  |
| BLUE | - Neutral (introduced 2004) |  | Live (Pre 2004 colour code) BLACK  |
| BLUE with brown sleeving | - Switch wire with sleeving (introduced 2004) | | |

NOTE: Some luminaires may have a clear cable. In this case, the earth wire will be marked with a green/yellow thread.


3 CLASS I Luminaires (Earthed) Fig 1-connect the brown wire from the luminaire to the supply live wire (red or brown). Connect the blue wire to the supply neutral wire (black or blue). Connect the green/yellow wire to the supply earth wire (green/yellow) or connect the supply earth to the luminaire earth terminal marked 


4 CLASS II Luminaires (Not Earthed) Fig 2 These luminaires are double insulated and have the symbol: . These fittings do not have to be connected to the supply earth. Make sure that the basic insulation of the supply wiring cannot contact touchable metal. Connect the brown wire from the luminaire to the supply live wire (red or brown). Connect the blue wire to the supply neutral wire (black or blue). Isolate the supply earth wire.


If silicone sleeving is provided, fit over the supply cable up to the terminal block or lamp holder, to at least the mounting surface, to protect cable from heat.

5 Fix the luminaire to mounting surface making sure that no wires are trapped or damaged. Wires must be routed away from hot metal surfaces and not laid onto the back plate.

6 Fit all grommets supplied to protect wiring from and sharp edges. Wiring on long drop chain lanterns and chandeliers must have the wiring passed through every third link of the chain.

Luminaires marked thus:  are not suitable for covering with thermal insulation.

Luminaires marked thus:  are not suitable for mounting **on** normally flammable surfaces. (Wood, paper) These are suitable for mounting on non-flammable surfaces e.g. plaster, concrete, and metal.


Luminaires marked thus:  are not suitable for mounting **in** normally flammable surfaces. If not marked with these symbols, the luminaire is suitable for mounting on/in a normally flammable surface.

If there is insufficient space within the luminaire for a terminal block then any connections must be made in the ceiling or wall space within a connection box. If no terminal block is included, installation may require advice from a qualified electrician.

7 Fit the correct wattage and type of lamp (bulb). We recommend you turn off the power before removing the lamp. Take care not to touch halogen lamps with bare fingers. If you do, clean lamp with alcohol and allow to dry. **TAKE CARE WHEN CHANGING LAMPS, PARTICULARLY HALOGEN, AS THESE GET VERY HOT IN OPERATION AND SHOULD BE ALLOWED TO COOL BEFORE TOUCHING AND REMOVING.** Safety shields, where supplied, **MUST** be used. Where luminaires are supplied with lamps these must be used or replaced with a reputable branded lamp.

8 Where applicable, fix glass securely to the luminaire. If screws are used to secure the glass, ensure that the glass is not stressed by over-tight screws. The screws should be finger tight. Be aware of sharp edges when handling glass and light fitting internals. Use the protective pads between glass and frame where supplied.

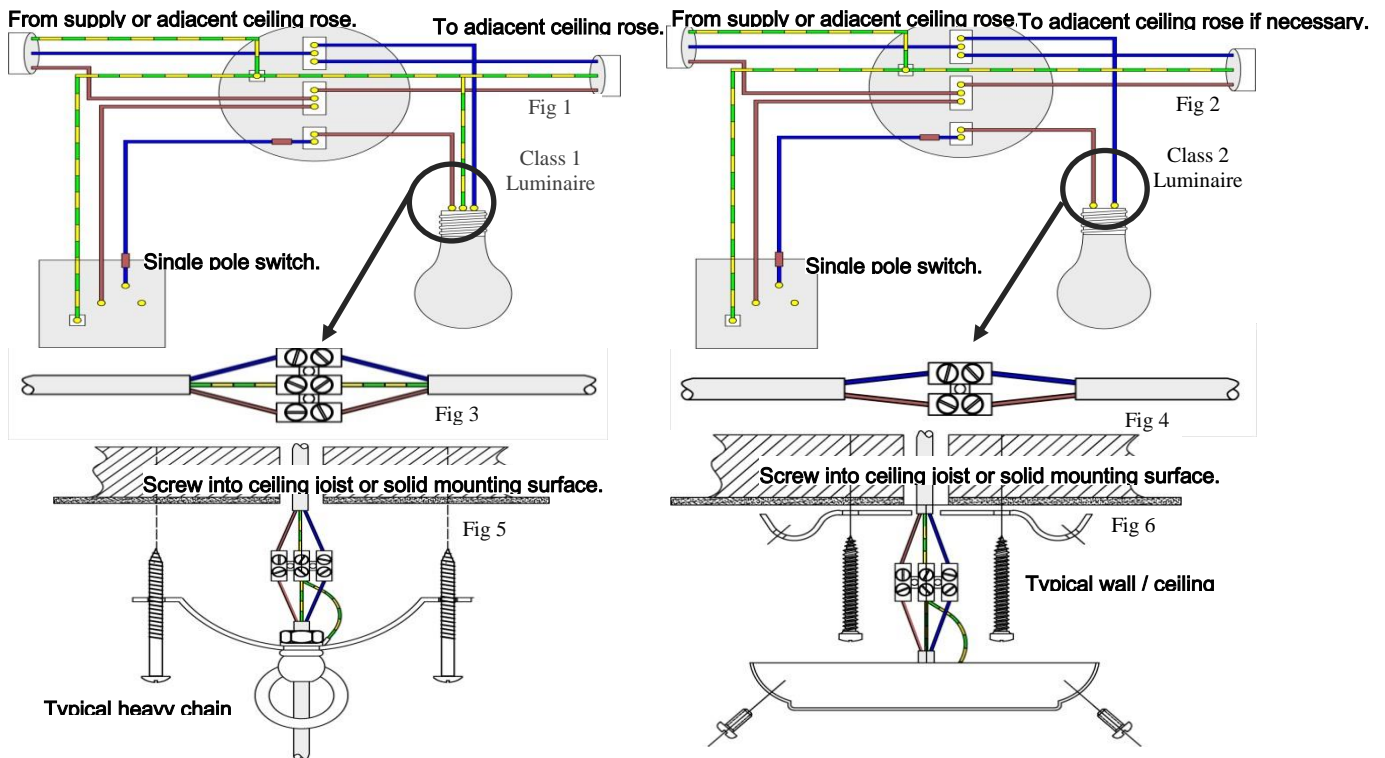
9 Re-connect the electricity supply and switch on. Enjoy your new luminaire.

10 Luminaires marked with this symbol  must not be disposed as domestic waste. Your retailer or Civic Amenity Site will advise.

NOTES Plastered, painted or papered surfaces must be completely dry before installation to avoid the possibility of damage or discolouration to the luminaire. If there is any doubt that the surface may be damp, we recommend that a thin film of polythene is placed between the luminaire and mounting surface. This film can be removed when the surface is completely dry. Clean by using a soft, dry cloth. Do not use abrasives or metal polish. Luminaires with mains tungsten lamps are suitable for dimming. Some luminaires with low energy or low voltage lamps are not suitable. If in doubt, contact your lighting supplier. Some low voltage luminaires with toroidal (doughnut-shaped) transformers can cause the lighting circuit breaker to trip if it is too sensitive. If this happens, the MCB may need to be uprated with a type 'C' MCB - Check with your electrician. This is NOT a fault with the light fitting. If the luminaire uses G9 mains halogen lamps, for safety, replace only with a reputable branded lamp. Luminaires with external flexible cables, if damaged, shall be replaced by ELSTEAD or a qualified person to avoid a hazard. Any alterations to the luminaire or internal wiring will void the manufacturers' warranty. Do not mix switch start ballasts and High Frequency electronic ballasts on the same circuit. Improper selection, or improper use of the products and / or systems referred to and described herein or related items can cause personal injury or property damage, Elstead lighting Ltd. does not assume responsibility and disclaims liability for damage, loss, or expense arising from improper use, operation, or installation of this product.

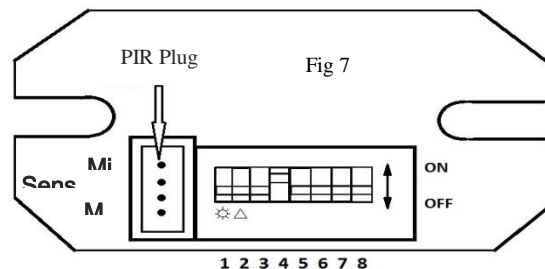
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|--|--|
| Lamp wattage equivalents | |
| Energy saver lamps / CFL lamps / GU10LE lamps approximate comparison to incandescent lamps | |
| 5 - 6W = 25W, 7 - 8 W = 40W, 9W = 45W, 11 - 13W = 60W, 15-16W = 75W, 18 - 21W = 100W, 35 - 42W = 150W. | |
| Halogen lamps approximate comparison to incandescent lamps. 28W = 40W, 42W = 60W, 53W = 75W, 70W = 100W. | |

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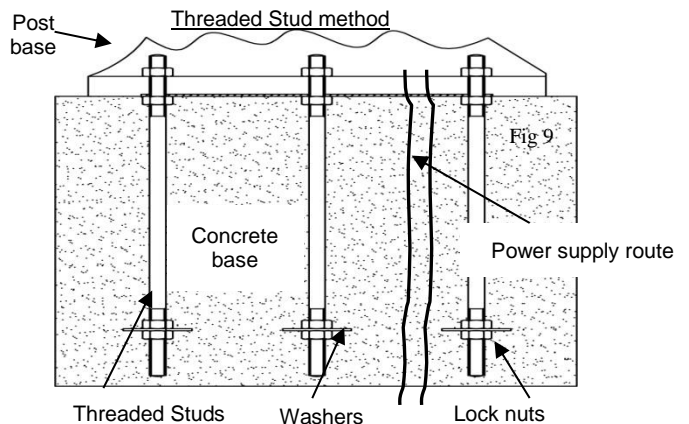
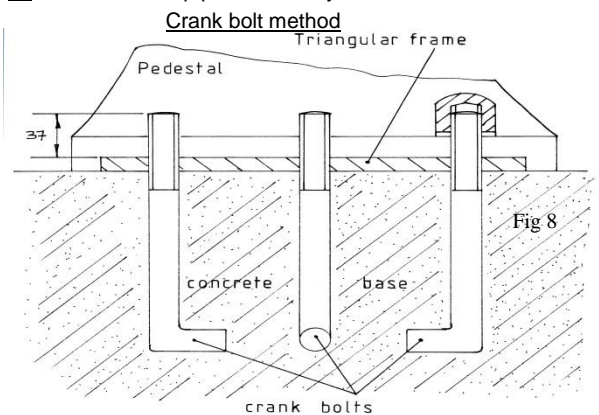


11 Security Lighting PIR Setting – Turn off the power before set up
 External PIR: - Ensure the two settings dials in the base of the PIR are set in the fully anti clockwise position (Do not stress dials)
 Restore the power and test the lamp for function. If the light does not come on cover the PIR with your hand to activate the light. Turn the time and light dials clockwise to the required range and time settings.

Built in PIR: Fig 7 - Working from left to right:-
 Adjust the light Sensor ☀ Down=maximum. Up = minimum
 Adjust the range sensor Δ Down =maximum. Up = minimum
 Turn on one of the timer settings. (5 sec, 30 sec, 1 minute, 3 minutes, 5minutes or 8 minutes.)



12 Guide to lamp post assembly and installation



To avoid corrosion do not install pillars or posts in direct contact with soil. Assemble posts and pillars on a horizontal surface. Get help when lifting heavy assembly's into position. Layout the components in the order of assembly working from top to bottom. Apply a little oil or grease to any threaded sections. Feed the power cable through all sections of the post ensuring any grommets and any water resistant enclosures supplied are correctly located. Secure all post sections. Fit the post to the base and secure.