

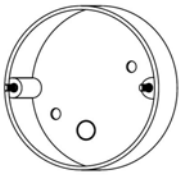
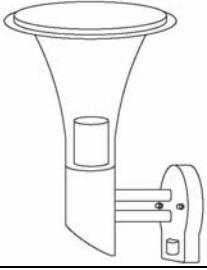



Installation and Safety Instructions

Cone Wall Light with PIR Stainless Steel

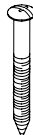
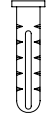
Model: S083S

These instructions are for your safety. Please read through them thoroughly before use and retain for future reference.

Parts Supplied

Ref	Description	Illustration	Qty	Ref	Description	Illustration	Qty
A	Plastic mounting plate		1	B	Lamp Base		1
C	Fixing nut		2	D	Diffuser		1
E	Base fixture hexagonal bolt		2				

Fittings Supplied

Ref	Description	Illustration	Qty	Ref	Description	Illustration	Qty
E	Mounting screw		2	F	Wall plug		2

Tools Required (not supplied)

3mm Flat Blade Screwdriver
6mm Cross Headed Screwdriver
Power Drill
6mm masonry drill bit (for masonry only)
Pencil

Sundries / Extras (not supplied)

Insulating Tape
Earth Sleeving
Bulb

Before You Start

1. Check the pack and make sure you have all of the parts listed.
 2. Decide on the appropriate location for your product.
- If you are in any doubt about installing this product, consult a qualified electrician.

Safety

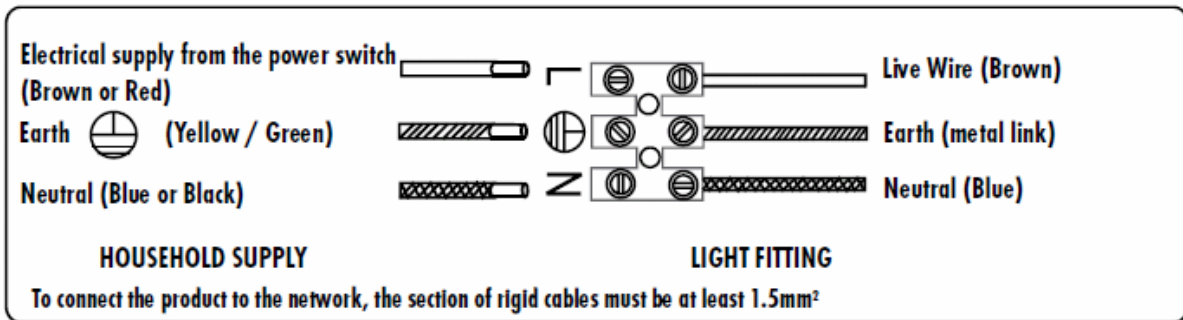
1. All fittings must be installed by a competent person in accordance with current IEE Wiring Regulations (BS7671). Install a wall switch adjacent to the power source and run a length of 3 core flex H05VU3 1.5 mm² cable (single core size).
2. For your safety, if you are in any doubt about installing this product, consult a qualified electrician.
3. This product should not be modified, if any modification is made it may render the product unsafe.
4. Always switch off the mains supply during installation or maintenance. We recommend that the fuse is withdrawn or circuit breaker switched off at the distribution board whilst work is in progress (turning off the lightswitch is not sufficient). Add a very clear note to the consumer unit or distribution board stating that you are working on the circuit.
5. Check the correct colour of the connecting cable. Blue- neutral (N), Brown or Red Live (L), Green and Yellow for the Earth (E).
6. The selected location should allow for a connection to a suitable electrical supply (including earth connection).
7. This product is rated IP44 (splash proof). It is suitable for use outdoors but should not (be immersed in water / sited in areas likely to be heavily splashed, either from above or below, or subjected to standing water
8. Always take into account the technical specifications of the light fittings stated on the product label.
9. The lamp can be cleaned with a clean dry cloth. Do not immerse it in water.
Caution: Please disconnect the lamp from the mains at least 10 minutes before cleaning.
10. This product is suitable for installation on surfaces with normal flammability e.g. wood, masonry. It is not suitable for use on highly flammable surfaces or in flammable atmospheres.
11. Do not install in areas likely to be flooded or where water can accumulate.
12. The product must be securely fixed to the mounting surface using the screws and wall plugs supplied.
13. The product must be securely mounted on a vertical wall, please refer to the assembly diagram for the orientation of the product.
Caution: Do not allow foliage to grow in close proximity to the lamp.
14. It is recommended that the product be mounted at a height of at least 2 meters above the ground to prevent tampering.

Cable wiring

Warning: this luminaire must be earthed. If there are only two (2) wires coming from your power supply it means that there is no earth. Under no circumstances should this metal luminaire be wired to an unearthed circuit. Contact a qualified electrician to install a suitable earth facility.

Connect the power cable to the terminal block of the product as follows:

- The live wire to "L"
- The neutral wire to "N"
- The earth wire of the power cable must be earthed to the light fitting.



Installation

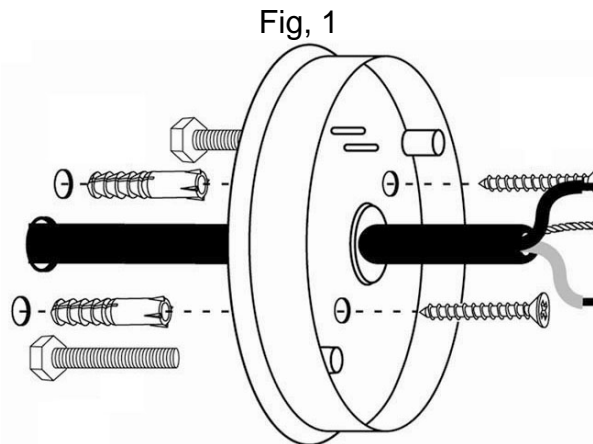
1. According to Fig.1

Carefully mark on the wall and drill holes in the wall.

Insert the wall plugs (F) into the holes.

Remove the two fixing nuts (C) and release the plastic mounting plate (A) from the unit.

Bring the mains cables through the grommet and fix the plastic mounting plate (A) on to the wall by using two provided mounting screws (E).
(Note: observe the "UP" marking on the mounting plate).



2. According to Fig.2

Connect the mains supply cables to the terminal block per the following diagram (Fig.3). Ensure that connections are tight and no loose strands of wire are left out of the terminal block.

Relocate the terminal block to the plastic mounting plate (A).

Restore the unit by attaching the canopy through the bolts to the plastic mounting plate (A) and fastening the fixing nuts (C) to the screw bolts. (Important: ensure the two hexagonal bolts (E) are in position through the mounting plate and ensure the sealing gasket is in correct position)

Fig.2

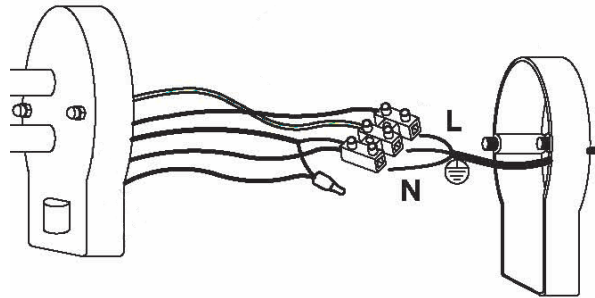
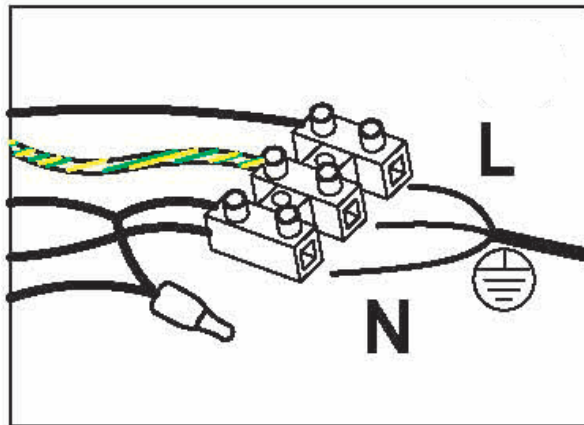


Fig.3



3. According to Fig.4

Remove the diffuser (D) from the lamp unit by turning anti-clockwise.

Insert a bulb (not supplied) as per bulb replacement instructions below. Restore the diffuser (D) and fasten it clockwise.

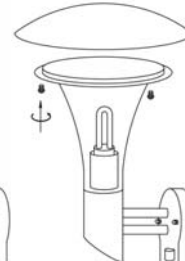
Fig.4



Fig.5



Fig.6



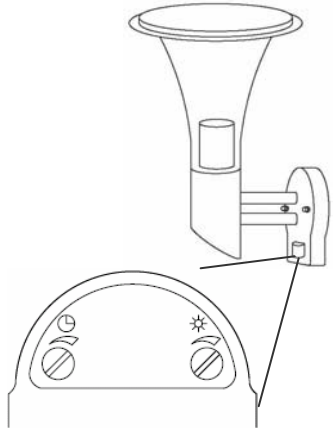


The 3 Golden Rules for installation

Choose a suitable location for installing the post light, away from trees, hot ventilator ducts, street lighting and traffic, which may interfere with its operation.

The PIR sensor works more effectively when approached by walking across its detection range, rather than being approached head on.

The PIR Detects in a fan-shaped arc of approximately 120° for a distance up to 12 metres (depending on weather conditions and the mounting height). For the PIR to work at its best, the PIR should be crossed, not approached head-on.

PIR Sensor setting

Description	Figure	Function
Test Mode		<p>TEST MODE</p> <ol style="list-style-type: none"> 1. Turn the Light control and the Time control anti-clockwise to the edge – the TEST position. (FIGURE A). 2. Turn on the wall switch. The lamp will turn on for about 10 seconds to warm up. Then it turns off. 3. Walk through the detection area. The lamp turns on when you move and turns off when you stop. Wait for the lamp to turn off before moving again to test the sensor.
Time Knob		<p>TIME ADJUSTMENT</p> <ol style="list-style-type: none"> 1. Turn the TIME control knob to anti-clockwise or clockwise direction to control how long the light stay on (from about 5 seconds to 5 minutes).
Light level Knob		<p>LIGHT LEVEL ADJUSTMENT</p> <p>What light level of environment the luminary will start operating when you set the sensor to Automatic Operation.</p> <ol style="list-style-type: none"> 1) Turn the light control knob to " anti-clockwise" edge position. Then slowly rotate the knob to "clockwise" direction until the light turns on. At this position the unit should become operative at approximately the same level of darkness each evening.

Bulb Replacement

1. Switch off product (preferably, isolate at distribution board) and allow to cool (**Caution:** bulb gets hot in use).
2. Remove the diffuser (D) by turning anti-clockwise.
3. Remove failed bulb by grasping it firmly and twisting anticlockwise.
4. Obtain a new bulb, type **E27, MAX 1 x 60 W (incandescence)**. **Caution:** Only use a bulb of the same type designation and shape, and of the same or lower Wattage.
5. Screw the bulb in firmly clockwise, taking care not to cross the threads.
6. Replace the diffuser (D) by turning clockwise.
7. Restore mains supply and switch on.

Care and Use

1. Wipe clean with a soft dry cloth. Never use scourers, abrasives or chemical cleaners. Do not allow moisture to come into contact with electric parts. Do not clean with water jets (e.g. pressure washers). **Disconnect power before cleaning.**

Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



Important – Electrical Changes Please Read. Changes to Building regulations

As of 1 January 2005, changes to the Building Regulations affected domestic electrical installations in **England** and **Wales**. You don't need to be a qualified electrician to make changes to your home's electrical system, but the work must be done in accordance with the standards in the Regulations.

You do not need to notify your Local Authority if you do **minor** electrical work such as:-

- replacing or repairing a socket, light or cable in any room
- adding extra spurs, sockets or lights to an existing circuit (except in a kitchen, bathroom or outdoors)
- adding lights to an outdoor wall on an existing circuit (provided there are no exposed outdoor connections, and the circuit is not extended from a kitchen/bathroom).

However, the work must be done to the standards in the Wiring Regulations and you should consider having the work checked by a competent electrician to make sure it is safe.

Before you start **other** electrical work such as:-

- adding new circuits to your existing installation
- any work (other than repairs / replacements) in a room where there is water (e.g. kitchen, bathroom, etc.)
- any work (other than repairs / replacements) outdoors (e.g. installing outdoor sockets, or non-pre-wired garden lighting etc.)

you must **notify** your Local Authority Building Control Department, which has responsibility for ensuring the work is inspected and tested.

Where you have any work done by an electrician who is a member of a competent person self-certification scheme, the electrician will be able to certify the work complies with the Regulations and you do not need to notify your Local Authority.

We recommend that you make yourself aware of the Regulations before you undertake any work and if you require any clarification you should contact your Local Authority Building Control Department.

Changes to Wiring Cable Colours in UK

The IEE Wiring Regulations (BS 7671) have changed the colours in cable used for fixed wiring for all new electrical installations.

The old and the new colours are shown in the table below.

Core colour:	OLD	NEW
LIVE	Red	Brown
SWITCHED LIVE	Red, or Black with red sleeve	Brown, or Blue with brown sleeve
NEUTRAL	Black	Blue
EARTH	Bare, with green/yellow sleeve	Bare, with green/yellow sleeve (no change)
2-WAY SWITCHED LIVE	Red, blue and yellow	Brown, black and grey

For new installations after 31st March 2006, only the **new** colours are permitted. Where new cable is added to an existing installation of the old type, special precautions must be taken (including fixing a warning notice at the distribution board or consumer unit).

When installing this product, please note therefore that you may encounter either of the above types of cable.

If you are in any doubt whatsoever regarding the above, please consult a qualified electrician.