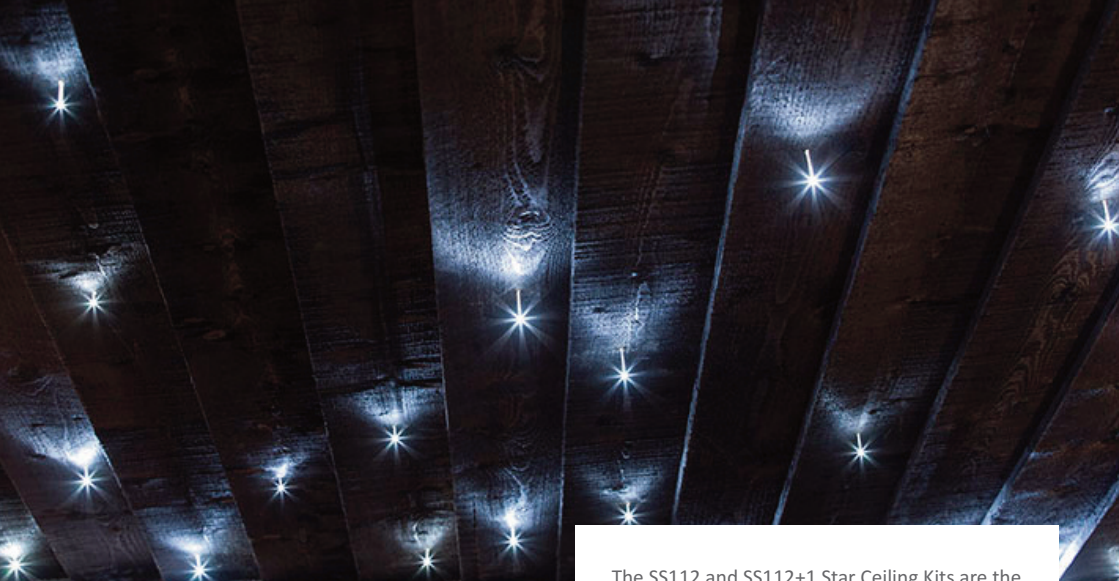




Unlimited Light
Premium Fibre Optic Lighting

Self Install
Star Ceiling Kit
SS112 / SS112+1



The SS112 and SS112+1 Star Ceiling Kits are the smallest in the range and are ideally suited to a domestic bathroom or a child's bedroom.

They are made up of 112 star points (a mix of 0.75mm and 1.0mm diameter tails) to create the near and far effect that you would expect from a star lit sky.

Your Light Source Options:

35W Tungsten Halogen – with continuously rotating 6 colour colourwheel.

MicroLED 100T – LED light source with a constant white light twinkle effect.

MicroLED 1000P – LED light source with manually controlled colour change.

MicroLED 4000P – LED light source with remote control colour change.

Fibre Optic Harness

Harness with 112 tails.

SS112 lengths vary between 1.25m and 2.0m.

SS112+1 lengths vary between 2.25m and 3.0m.

Harness made with mixed diameter fibre.

End Fittings

112 mushroom lenses are supplied.

Can be fitted on the fibre ends for decorative effect.



Unlimited Light

Premium Fibre Optic Lighting

**YOUR PROPERTY WILL REQUIRE A 240V
(HOUSEHOLD) ELECTRICAL SUPPLY.**

Tools Required:

Hand Drill
1mm Drill Bit (bare fibre option) **or**
3mm Drill Bit (mushroom lens option)
Translucent Silicone Sealant

Safety Information

Our fibre optic lighting kits emit no heat or U.V. The end fittings are completely cold and have no electricity running through them, making them safe to touch and perfect for wet or humid environments where conventional lighting could prove to be dangerous.

Please be aware that the light source may become hot, and should be kept out of reach of children.

The light source is not waterproof and must be installed in a watertight location. IP rated enclosures are available if required.

Prior to Installation:

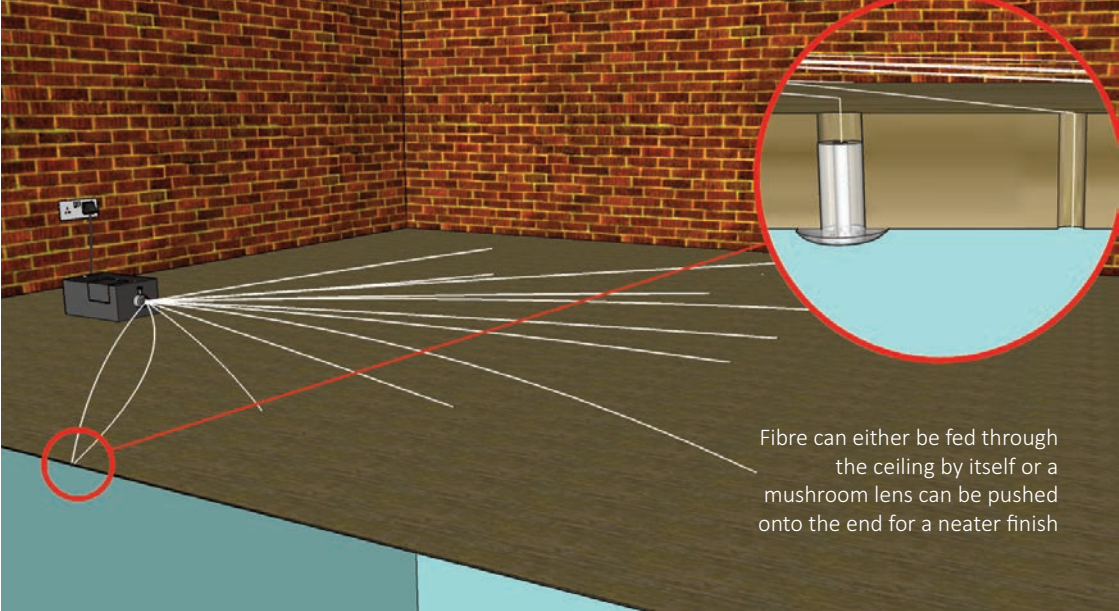
Choose a watertight, well ventilated area for the light source. The tungsten halogen light source will require access approximately every 4000 hours for bulb replacement, which the LEDs do not require.

Plug the harness into the light source; decide whether you prefer the bare fibre effect or use the mushroom lenses. The effect these options produce is different and is a matter of personal preference.

Each bundle of tails is sheathed in black Megalon material. Depending on the light source location, this can either be stripped back using a Stanley knife or removed completely by gently pulling it. For example, if all the longer tails are being fed in one direction, they can remain in the sheath until they are required to branch off. If the light source is located in the middle of the area, then all the sheathing will need to be removed to allow the tails space to branch off.

The fibre optic tails can be placed randomly, or in a pattern of your choice. **Tails can be installed in almost any material; wood, plasterboard, Perspex, concrete etc.**





Fibre can either be fed through the ceiling by itself or a mushroom lens can be pushed onto the end for a neater finish

Installation Guide

If two people are available to carry out the installation, we recommend that one person drills up into the ceiling from underneath. A second can then feed the fibre optic tails through each hole as it is drilled from the room below.

If one person is carrying out the installation alone, all the required holes can be drilled from underneath, and then identified from above by shining a bright light up from below.

The tails should be allowed to protrude through the ceiling by approximately 80mm. For the bare tail option, a dab of silicone sealant should be applied to each tail, above the ceiling, to secure it in position; silicone is not required for the mushroom lens option.

We do not recommend the use of superglue on the tails as it causes them to become brittle and prone to breakage, resulting in a loss of light. Unlimited Light accepts no responsibility for damage to fibre optic components during installation.

If the ceiling is to be painted then this should be done after the installation of the fibre optics. If you have chosen the bare tail option, you can now use either scissors or side cutters to trim back the tails so that they are almost flush with the ceiling. We recommend leaving around 2mm – 3mm of fibre protruding so that the tails can be pulled through with tweezers should repainting ever be required.

If you have chosen the mushroom lens option, you can now push the lenses onto the fibre tails and then push the lenses into the ceiling.

Arrange for the electrical feed to the light source to be linked back to a remote switch in a convenient location to control the operation of the light source.



Home Place
Coldstream
TD12 4DT
United Kingdom

www.unlimitedlight.com
orders@unlimitedlight.com
+44 (0)1890 883522