

UFO Star Ceiling Systems

INTRODUCTION

UFO Star Ceiling Systems are easy to install and easy to maintain. This guide will take you through the 2 installation options which are available.

Using bare fibre, without end fittings gives a small intense point of light, however you may prefer to use lenses to cover up any ragged edged which may be left after drilling holes in the ceiling.

IMPORTANT

This booklet is a guide only. Universal Fibre Optics cannot be held responsible for errors or faults arising from incorrect installation carried out by third parties.

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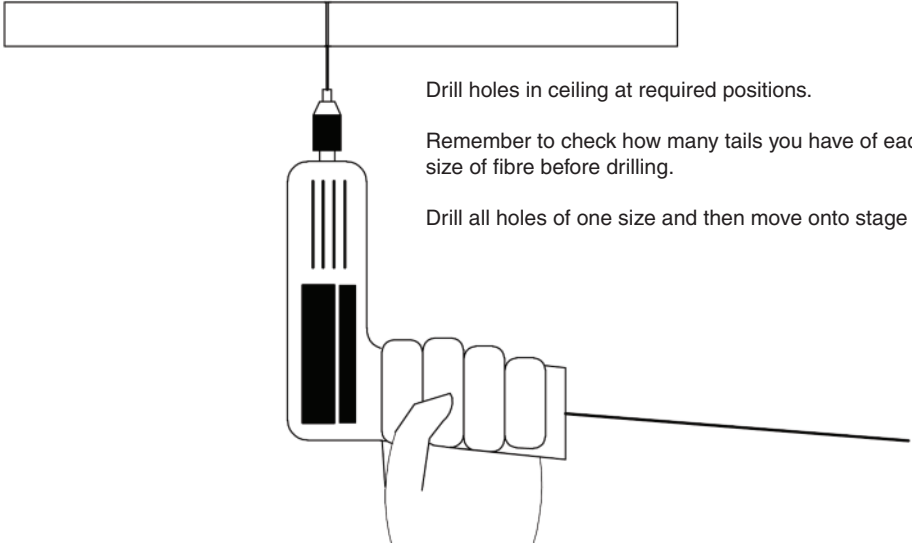
Section 1 - Installation of star ceiling with bare fibre ends.

Section 2 - Installation of star ceiling with star point or mushroom lenses.

SECTION 1 - INSTALLATION WITH BARE FIBRE ENDS

Before beginning installation, please make sure you know the number of points in your fibre harness and also the diameter of the tails. Star ceilings harnesses are usually made from mixed diameter fibre measuring 0.75mm, 1mm and depending on specification, sometimes 1.5mm. Make sure you know how many tails of each size you have, prior to drilling.

Stage 1

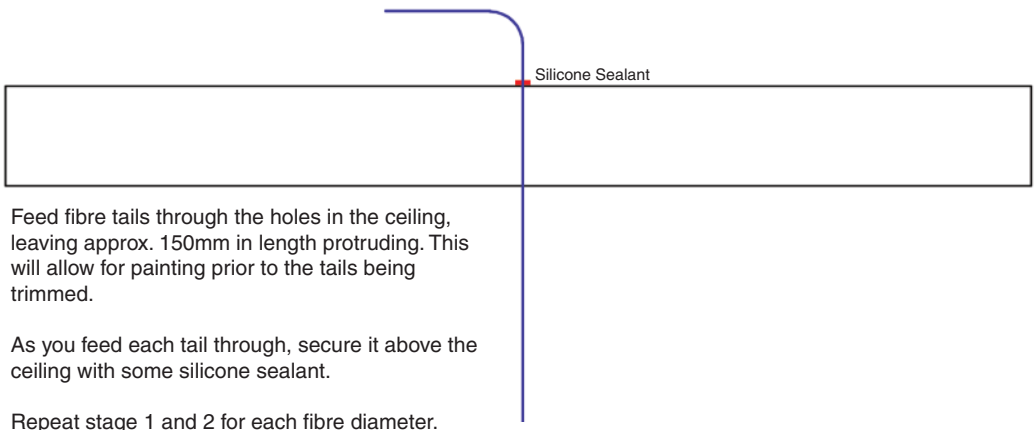


Drill holes in ceiling at required positions.

Remember to check how many tails you have of each size of fibre before drilling.

Drill all holes of one size and then move onto stage 2

Stage 2



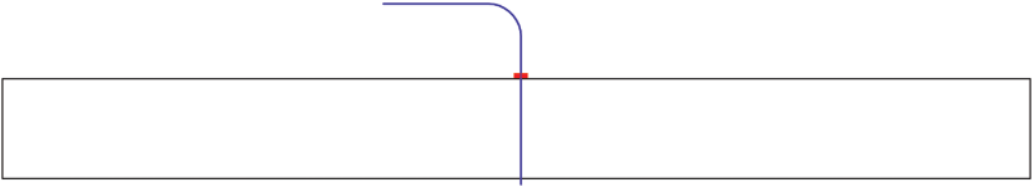
Feed fibre tails through the holes in the ceiling, leaving approx. 150mm in length protruding. This will allow for painting prior to the tails being trimmed.

As you feed each tail through, secure it above the ceiling with some silicone sealant.

Repeat stage 1 and 2 for each fibre diameter.

SECTION 1 - INSTALLATION WITH BARE FIBRE ENDS

Stage 3



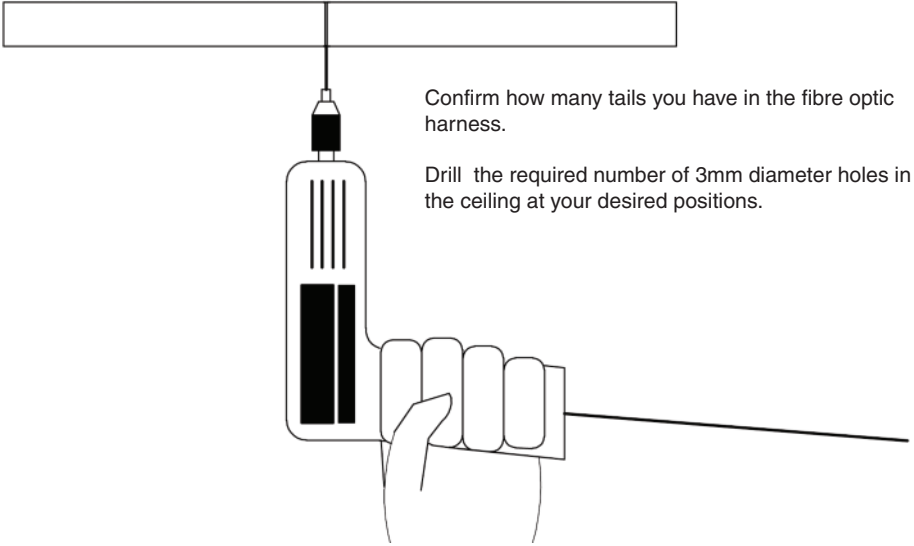
Ensure that the silicone sealant is fully cured.

Using side cutters, trim the fibre optic tails to allow approx. 2mm to protrude from the ceiling.

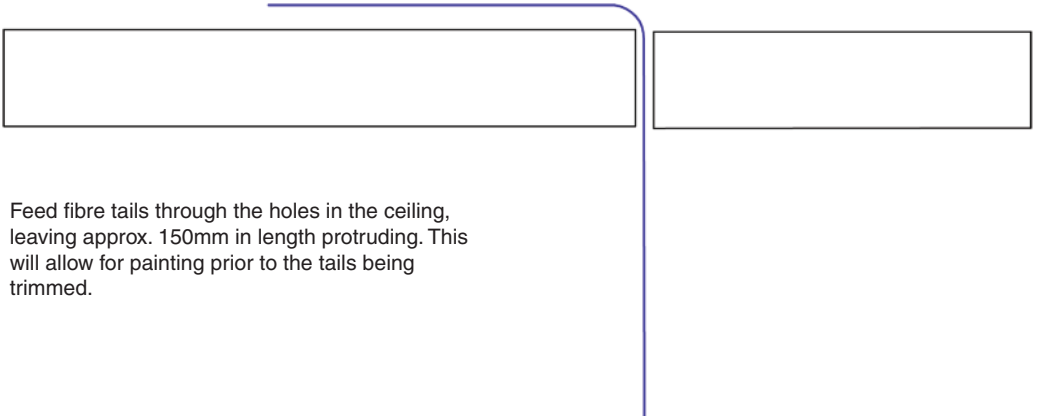
SECTION 2 - INSTALLATION WITH STAR OR MUSHROOM LENS

Using star or mushroom lens fittings requires larger holes to be drilled in the ceiling. The lenses can be used to disguise any ragged edges which drilling may produce.

Stage 1

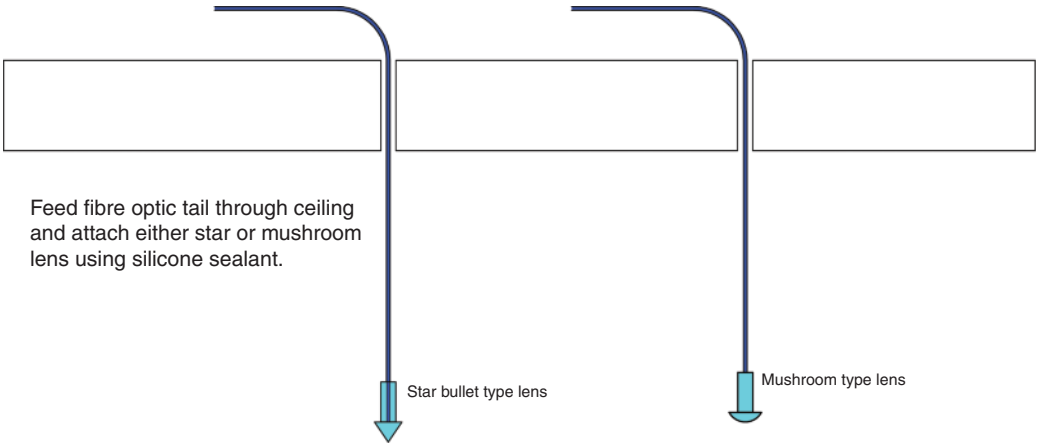


Stage 2



SECTION 2 - INSTALLATION WITH STAR OR MUSHROOM LENSES

Stage 3



Stage 4



Push fibre optic fitting into ceiling.

This should be a tight fit into the hole in the ceiling. If not, apply a small amount of silicone sealant to the inside of the hole to secure the fitting.

NOTES



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