

# Fibre Optic Installation

## Tools Required

Hand drill 1mm drill bit (for bare fibre option)  
Translucent silicone sealant

## Electrical Requirements

1 x 240V household electrical supply.

## Cutout sizes

1mm for bare fibre ends

## Installation

If two people are available to carry out the installation, we recommend that one person drills up into the ceiling from underneath. A second person 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 toward the ceiling. 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. Note: 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.

Oceanic Saunas 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.

For 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 2-3mm of fibre protruding so that the tails can be pulled with tweezers at a later date, should repainting be required.

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

