1.   Product Name

Fibre Optic Ceiling Kit

2.   Product Code

22877 Without light source
22878 With basic light source

3.   Colour

The light is white from the basic light source included in 22878, and multi-coloured if used with a ROMPA® light source

4.   Brief Description

Transforms your ceiling into a starry night sky. Visually stunning. To install, drill holes in your ceiling and pass the fibres through.

5.   Contents

1 x harness of 100 fibre optic light points
1 x bag of 100 clear polycarbonate effect fittings (optional use for a neat finish)

22878 includes a basic LED twinkle effect light source (shown below, left – exterior colour may vary):

Please note: 22877 requires, but does not include, a Light Source
See 19210 Light Source at www.rompa.com

6.   Snoezelen® Stimulations

Sight

7.   Best Use

Install in a false ceiling, or into a board or drape that can be ceiling mounted. Alternatively, the fibres can be installed in the grout between wall tiles.

8.   Compatible ROMPA® Products

19210 Light Source

20848, 21098 Sensory Magic®
21918 Wi Fi Override Transmitter
18870, 20402 Talking Cube
21917 ROMPA® Wi Fi Microphone
19939 Wi Fi Interactive Mat Switch Set
21728 ROMPA® Wi Fi App Control Box
21006, 19847 8 Colour Wirefree Controller

9.   Starting Up

- There are no short-cuts when installing a product of this nature.
- Take time to plan the desired effect before drilling any holes.

10.   Detailed Description

Transforms your ceiling into a starry night sky. Visually stunning. To install, drill holes in your ceiling and pass the fibres through. Requires access to the area behind the ceiling or install in a separate board/drape to be attached to the ceiling. As there is no frame, you choose the position of the fibre points, allowing creativity and bespoke formations or uniformity if you prefer, regardless of the ceiling shape. Includes 100 fibre tails and polycarbonate fittings for a neat finish. Can also be used in grout between wall tiles. Some preparation and DIY skill required. Please also consider access to your ceiling and seek professional advice if necessary.

11.   Safety

Always supervise the use of this product

On receipt, remove and dispose of all packaging responsibly.
This is a visual product and is not intended to be handled.
Make sure your ceiling can comfortably support the weight of this product.

12.   Technical Specification

Size: 300cm long fibres, each 0.75mm
               Light source in 22878 is 13.7L x 11.4W x 7.3cmH

13.   Installation

1.   Choose an appropriate location for the Fibre Optic Ceiling Kit, bearing in mind the following:
- This is intended for a dry, indoor environment.
- If the kit is being used to decorate a ceiling, access above the ceiling will be required. Holes will need to be drilled in the ceiling to pass the fibres through. Alternatively, fibres could be installed into a section of MDF or plasterboard and then lifted and secured into place. The fibres can also be used with a suitably thick drape – once the material has been pierced, silicone will need to be added to the back to seal.
- Install the product completely out of reach if there is any risk of the product being pulled or used inappropriately
- Proximity to a suitable mains electrical wall socket – the light source will need to be plugged in
- It is your responsibility to make sure that the ceiling is of a solid and stable enough construction to comfortably support the weight of this product. If installing the fibres into a separate board or drape, please purchase fixings that are suitable,
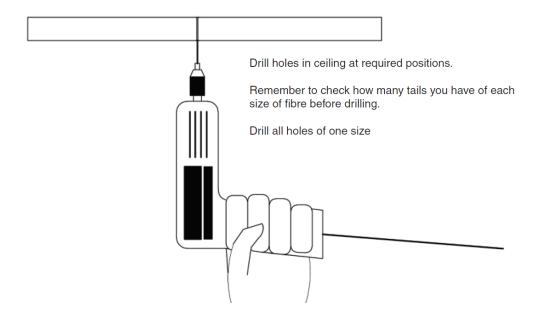
taking advice about the construction of your ceiling from an engineer as necessary.

2.   The fibre optics do not emit heat or UV, and do not have electricity running through them. The light source may become warm with use and requires electricity to power it. Therefore the light source must always be installed out of reach. Allow adequate ventilation around the light source.

3.   Before installation, carefully plan and draw out the effect you intend to create. It is advisable to make a paper template before drilling any holes to make sure that:

- All the fibres reach the light source
- The holes are not too close together
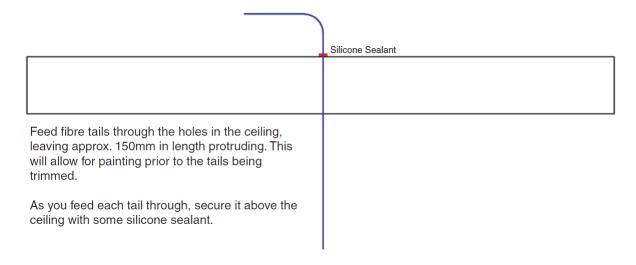- You have enough fibres to create the desired effect

The hole size will need to be selected according to the finish you choose. If you are not using the polycarbonate fittings, the hole will need to be large enough to pass the fibre through. If you are using the ends, the holes will need to be larger - large enough to accommodate the ends – please see the diagrams below.

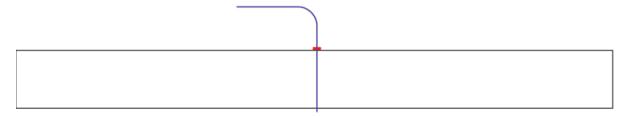4.   Drill holes for each fibre that you intend to use. Make sure the fibre can pass through the hole.

ROMPA® cannot be held responsible for any damage caused to your ceiling from the installation of this product.

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

5. Feed the fibre optic through the hole, leaving approximately 15cm hanging down. Use silicone to secure the fibre above the ceiling.

Silicone Sealant

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.
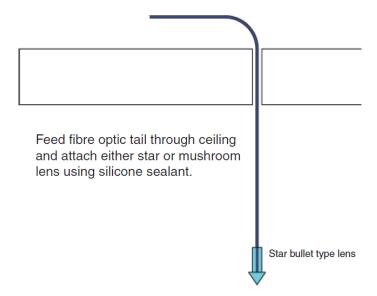
6.   Trim the fibre optic as required. If you do not intend to use the polycarbonate fittings, allow approximately 2mm to protrude.

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.

7.   Attach the polycarbonate fittings if desired. These fittings allow the fibre to pass through, maintaining most of the intensity of the light effect of the exposed ends, as well as covering any ragged edges from the drill hole. For a more intensive point of light, use the fibres on their own.

Feed fibre optic tail through ceiling and attach either star or mushroom lens using silicone sealant.

Star bullet type lens

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.

14. Care and Maintenance

Not applicable

15. Troubleshooting

Not applicable

Further copies of these instructions can be downloaded at www.rompa.com

We hope you find our instructions invaluable. If you have any suggestions for improving them further your comments will be greatly received – please contact us at producthelp@rompa.com