

Mini Floor Kit MFK10 Contents

- 75w Tungsten Halogen Lightsource with colourwheel.
- Fibre optic harness with 10 tails in the following lengths:
1 @ 2.0m, 1 @ 2.4m, 1 @ 2.8M, 1@ 3.2M, 1 @ 3.6M 1 @ 4.0M, 1 @ 4.4M, 1 @ 4.8M, 1 @ 5.2M, 1 @ 5.6M.
- 10 x stainless steel pavers with frosted disc
- 1 x metal twinkle wheel loose

Tools Required

- Hand Drill
- 28mm Hole Saw
- 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 would be dangerous. Please be aware that the lightsource may become hot, and should be kept out of reach of children.

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

Electrical Requirements

The lightsource requires 2 x 240v electrical supplies, one for the lamp and one to power the colour wheel.

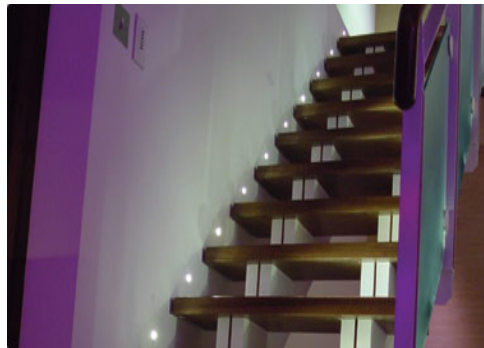
This allows for the lights to be either on constant colour change or to be stopped on one colour.

Prior to Installation

Decide on a location for the lightsource.

This should be in a watertight and ventilated area and should be in such a place that the fibre optic tails will easily reach the desired positions for the paver fittings.

Also remember that access to the lightsource will be required approximately every 3000 hours for bulb replacement purposes.



Installation Guide

- Using a hole saw, drill 28mm diameter holes in your 10 chosen locations.
- Feed the tails from the lightsource in its watertight location up through the cut out holes.
- Try to keep the tails tidy by securing them to the underside of the decking or to a nearby wall. In most cases the tails will be protected by the decking, but if there is a risk of people or garden tools coming into contact with them, it is recommended that they are fed through an armoured conduit. Remember that no electricity is carried in the tails, so there is absolutely no risk of harm – the conduit prevents damage to the tails which can result in reduced light output from them.
- As each tail is fed up through its hole, screw on the paver fitting as far as it will go.
- Before dropping the paver fitting into the hole, apply some silicone sealant to secure the fitting in place. 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
- Arrange for the two electrical feeds to the lightsource to be linked back to two remote switches in a convenient location to control the operation of the lightsource and the motor for the colourwheel.

