



## Kit Contents

### Lightsources

100W tungsten halogen lightsource with 1 plug. One powers the lamp whilst the other switches the colourwheel on or off. Dimensions: (L)286mm x (W)155mm x (H)119mm

### Fiber Optic Harness

CWD6A - Fiber optic harness with 6 tails. Lengths vary between 6.56' and 9.84'.

CWD6B - Fiber optic harness with 6 tails. Lengths vary between 4.92' and 13.12'.

CWD8 - Fiber optic harness with 8 tails. Lengths vary between 6.56' and 16.40'.

CWD9 - Fiber optic harness with 9 tails. Lengths vary between 9.84' and 22.9'.

### Colorwheel

A six segment colorwheel is supplied. This is pre-installed in the illuminator and can be easily removed by the end user to give static white light output.

### End Fittings (Choose from options below)

CWD6A/CWD6B - Six acrylic eyeballs are supplied as standard, and are available in either a white or black finish.

CWD8 - Eight acrylic eyeballs are supplied as standard, and are available in either a white or black finish.

CWD9 - Nine acrylic eyeballs are supplied as standard, and are available in either a white or black finish.

In all kits you can optionally choose eight stainless steel flush fittings at an additional cost.

Downlight Kit CWD6A  
Downlight Kit CWD6B  
Downlight Kit CWD8  
Downlight Kit CWD9

unlimited  
**Light**

## Electrical Requirements

1 x 110V household electrical supply.

Cutout sizes: 1.57" cutout required for all fitting options.

## Tools Required for Cutout

For the eyeball fittings:

Hand drill  
1.57" hole saw

## Safety Information

Our fiber 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 locations where conventional lighting would be dangerous. Please be aware though, that the illuminator may become hot and should be kept out of reach of children.

The illuminator is not waterproof and must be installed in a watertight location.

## Prior to Installation

Decide on the location for the illuminator.

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

Also, remember that the illuminator requires a 110V electrical supply and that access will be required for periodic replacement of the lamp (after approx. 3000 hours).

## Installation Guide

Decide on the locations for the eyeball fittings and using a hole saw, drill 1.57" holes in these locations.

Feed one tail from the illuminator through each of the holes in the ceiling.

Screw an eyeball fitting onto the end of each tail. The further on you wind the fitting, the wider the spread of light. The more you unwind the fitting, the more focussed the light becomes.

Once happy with the beam width, pull back the springs on the fitting and insert it into its hole until the flange is flat on the ceiling.

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



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