

PRODUCT SPECIFICATION SHEET

UFO Nebula RGB Light Source



Rev. C1



OVERVIEW

The UFO Nebula RGB light source is an advanced fibre optic unit with primary integral DMX control of individual LED multi-ports.

As well as full DMX addressing of each individual port, the Nebula also offers secondary manual dimming and a manual demonstration mode.

This is the ultimate light source for illuminating and controlling active display fibre optic effect lighting with spectacular colour change.

The Nebula features an LCD display which provides operator feedback for ease of use.

The Nebula is fitted with a 60 LED fibre multi-port output with 180 controllable fibre outputs.

Note that each fibre port can illuminate a number of individual 0.5mm or 0.25mm fibres. This makes the Nebula perfect for creating shooting star and other animated lighting displays which require numerous points of light to be effective.

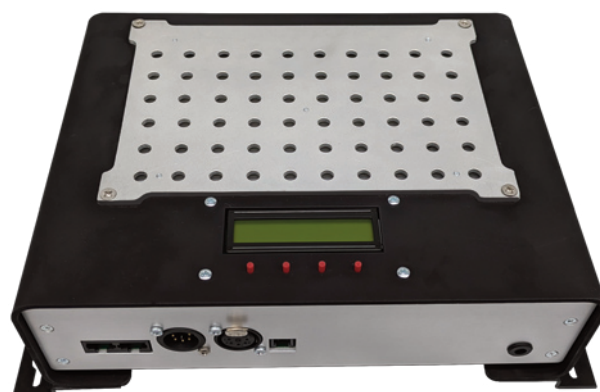
DMX ADDRESSING & EFFECTS

The Nebula RGB features a 180-address-mode where each individual colour LED can be addressed and also a 3-address-mode where all LED's of a single colour can be addressed together.

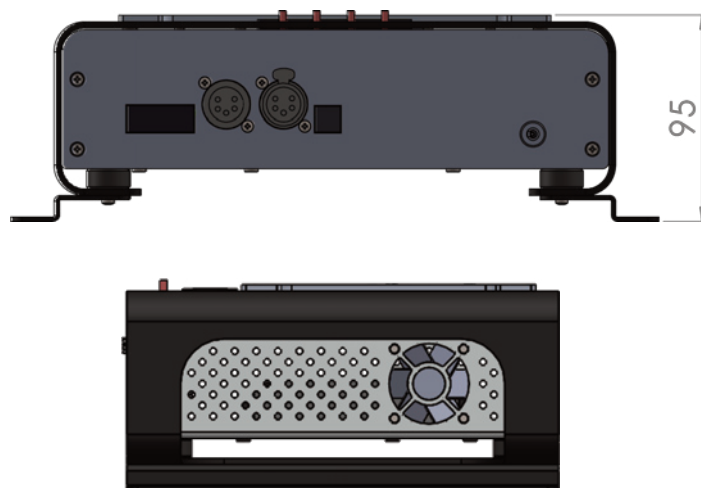
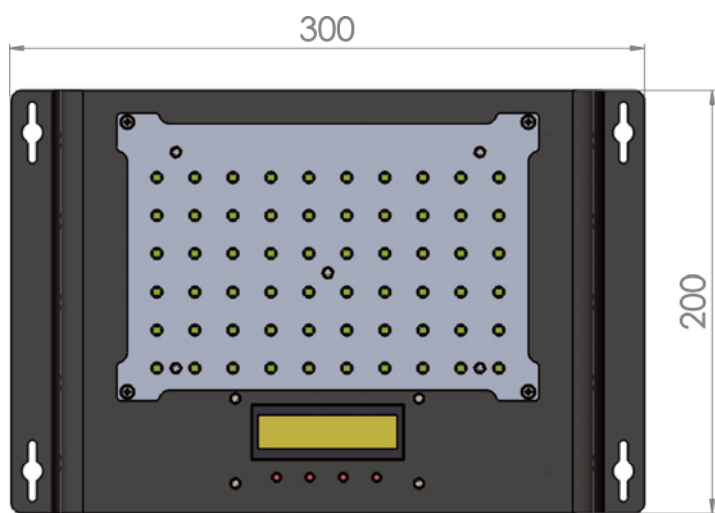
There also 8 pre-defined manually selectable programs built into the light source which provide pre-programmed animation effects.

TECHNICAL INFORMATION

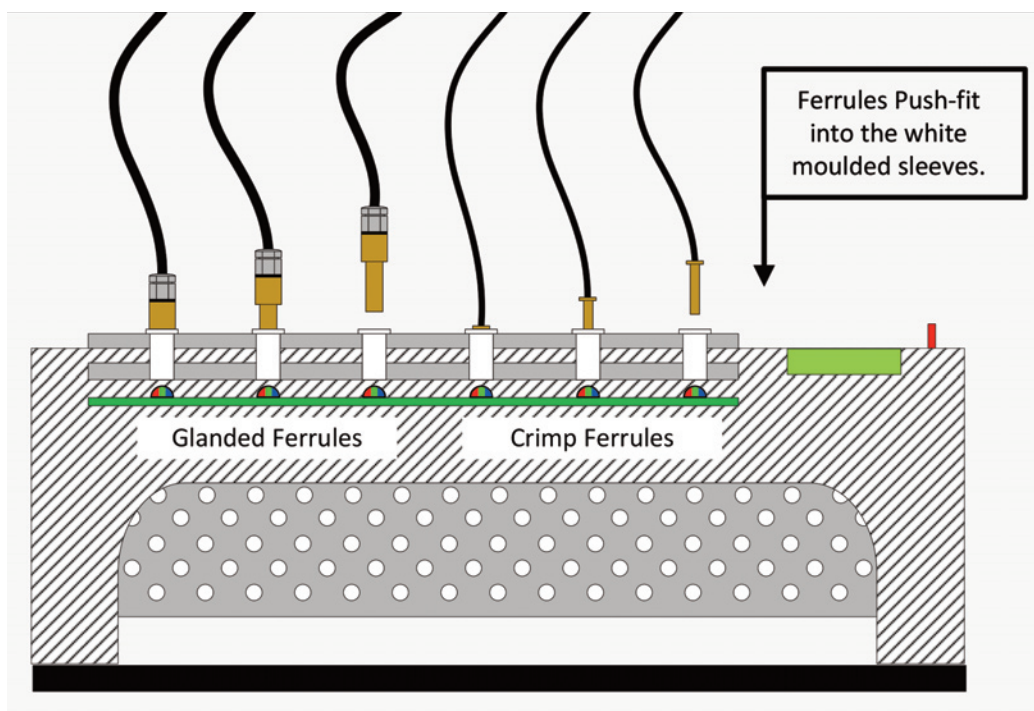
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|---|---|
| UFO Product Code | UFO-NEB-RGB |
| Port Connector Size | 60 x 4mm connectors |
| Fibre Type | Glass / PMMA |
| Suitable PMMA Fibre Sizes. (Contact UFO for details of suitable glass fibre) | Solid: 0.75mm, 1mm, 1.5mm, 2mm Multi-stranded: 1.5mm (3 strand), 2.4mm (7 strand), 3.1mm (12 strand) |
| Material | Sheet steel / Aluminium |
| Dimensions (L x W x H) | 200mm x 260mm x 88mm |
| Operating Environment | Indoor only |
| Ambient Temperature | Min. -10°C to Max. 45°C |
| PSU Output | 12V DC 30W (maximum) |
| PSU Type | Desktop Class II listed |
| Mains Input | 100-240V AC 50-60Hz |
| Individual LED Power | Red - 61mW Green - 82mW Blue - 84mW |
| Individual LED Lumen Output | Red - 5.1lm Green - 11.7lm Blue - 2.7lm |
| LED Life | 50,000 hours (typical) |
| Dimming & Output Control | DMX plus manual dimming and demo mode |
| DMX Connection | 5 pin XLR sockets |



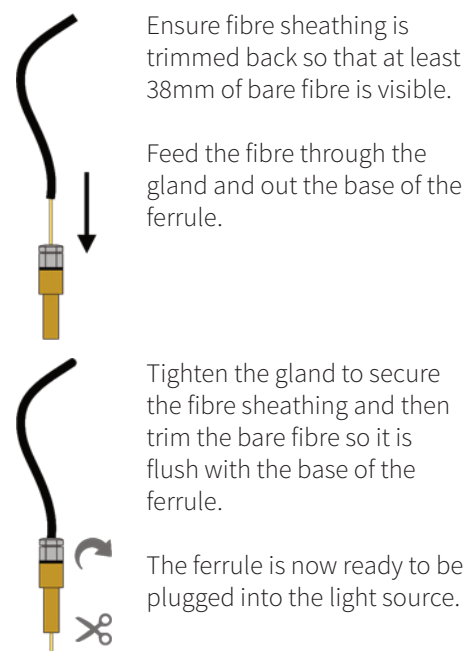
LIGHT SOURCE DIMENSIONS



FIBRE INSTALLATION & FERRULE TYPES



Glanded Ferrule Fibre Fitment



The Nebula is compatible with 2 types of ferrules - crimp and glanded.

Crimp ferrules are supplied factory terminated on the fibre harness and are simply pushed into the white moulded sleeves on the top of the light source.

Glanded ferrules are suitable for termination on site either by UFO installers or by third parties. The fibre is pushed through the gland, the gland is tightened and then the fibre is trimmed flush at the bottom of the ferrule. The ferrules are then pushed fully into the moulded sleeves.

Each ferrule sits directly above an LED which illuminates each fibre individually.

