

PRODUCT SPECIFICATION SHEET

Comet LED Light Source



Rev. C3



The UFO Comet Light Source. Extremely high powered light output and full DMX, 0-10V, 1-10V, manual control and DALI (via an optional interface) make this an LED light source unparalleled in its light output and control capabilities.

The use of a custom dual-slotted common end makes this innovative light source suitable for programming fibres, shooting star effects, special lighting effects, water effects, chasing effects and firework effects.

Utilising industry standard protocols to control the unit's colour change, twinkle and dimming effects. The Comet light source is dimmable and you can also specify either a 10 segment colour change, a twinkle, or a dual effect wheel to allow for decorative effects. This is the ultimate unit for illuminating decorative fibre optic effect lighting. Features an LCD display which provides user feedback for ease of use.

Note that the Comet is a specialist light source which, in most use cases, will require input from UFO to design the twinkle wheel and populate the common end in the correct manner for your specific application. Please contact us for more information.

GENERAL INFORMATION

Fibre Type	Glass / PMMA
Port Connector	Custom dual slotted
Material / Finish	Sheet steel, grey powdercoat (RAL7024)
Dimension (L x W x H)	207mm x 265mm x 186mm
Weight	Light Source - 3.2kg / PSU - 1.3kg
Min. Ambient Temp.	-10°C
Max. Ambient Temp.	+45°C

LIGHTING & CONTROL INFORMATION

Decorative Effects	Control over dimming, colour change effects or twinkle effects. Supports one built in effect wheel. The slotted common end allows fibre to be inserted in such a way to allow creation of specialist lighting effects such as shooting stars, fireworks and light chasing effects.
Control	DMX, 0-10V, 1-10V, manual DALI (via optional interface)

LED ARRAY DATA

LED Array Type	White light
LED Array Life	50,000 hours typical
LED Power	60W
Colour Temperature	5000K
CRI	>80
Typical Luminous Flux	5400lm

ELECTRICAL CHARACTERISTICS

Mains Supply Voltage	100 - 240V AC, 50-60Hz
PSU Type	Desktop PSU with IEC power cord
PSU Output	48V DC, 96W
Fan Type	Crossflow
Thermal Protection	On LED PCB thermistor

