



Image shows Comet with dual slotted common end.

## COMET LED ILLUMINATOR PRODUCT SPECIFICATION SHEET

Rev. D1 USA

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

The use of a custom slotted common end makes this innovative light source perfect for generating custom fiber optic lighting effects such as shooting stars, water simulation, light chasing and firework bursts.

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

*Note that the Comet is a specialist illuminator 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.*

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### General Information

<b>Fibre Type</b>	Glass / PMMA
<b>Material / Finish</b>	Sheet steel - grey powdercoat (RAL 7024)
<b>Dimensions (L x W x H)</b>	207mm x 265mm x 186mm 8.15" x 10.4" x 7.3"
<b>Weight</b>	3.2kg (7.05lb)
<b>Operating Environment</b>	Indoor use only - IP20
<b>Ambient Temperatures</b>	-10° C to +45°C (14°F to 113°)

### LED Array Data

<b>LED Array Type</b>	White light
<b>LED Array Power</b>	60W
<b>LED Array Life (L70, B10)</b>	>50,000 hours (typical)
<b>Color Temperature / CRI</b>	5000K / >80CRI
<b>Typical Luminous Flux</b>	5400lm

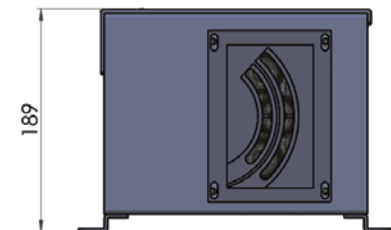
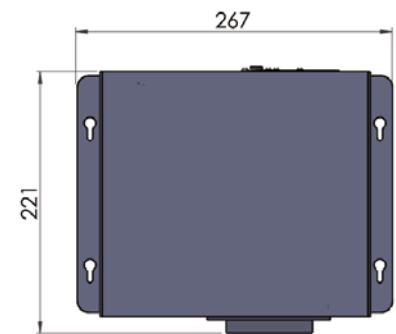
### Lighting & Control Information

<b>Decorative Effects</b>	<p>Control over dimming, color change effects or twinkle effects. Supports one built in effect wheel.</p> <p>The slotted common end allows fiber to be inserted in such a way to allow creation of specialist lighting effects such as shooting stars, fireworks and light chasing effects.</p> <p>The Comet can be specified with single or dual row common end. The single row common end allows for brighter light output as all light is directed straight at it. The dual row common end allows for more fiber to be inserted but the light is slightly dimmer due to being shared over both rows.</p>
<b>Control</b>	DMX, 010V, 110V, manual, DALI (via optional interface)

### Electrical Characteristics

<b>Supply Voltage</b>	100-240V AC, 50-60Hz
<b>PSU Output / Type</b>	48V, 96W desktop PSU
<b>Fan Type</b>	Crossflow
<b>Thermal Protection</b>	On LED PCB thermistor

### Dual Slot Version



### Single Slot Version

