

PRODUCT SPECIFICATION SHEET

Comet LED Illuminator



Rev. C3



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 dual-slotted common end makes this innovative illuminator suitable for programming fibers, shooting star effects, special lighting effects, water effects, chasing effects and firework effects.

Utilising industry standard protocols to control the unit's color change, twinkle and dimming effects. The Comet illuminator 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.

GENERAL INFORMATION

| | |
|-----------------------|--|
| Fiber 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 (8.15" x 10.43" x 7.32") |
| Weight | Illuminator - 3.2kg (7.05lb) PSU - 1.3kg (2.86lb) |
| Min. Ambient Temp. | -10° C (14° F) |
| Max. Ambient Temp. | 45° C (113° F) |

LIGHTING & CONTROL INFORMATION

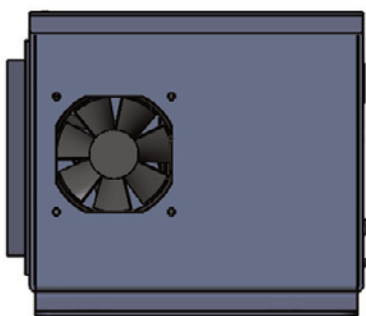
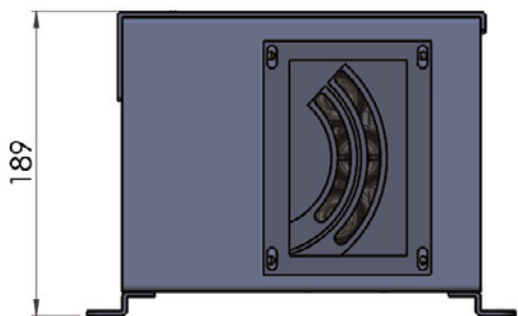
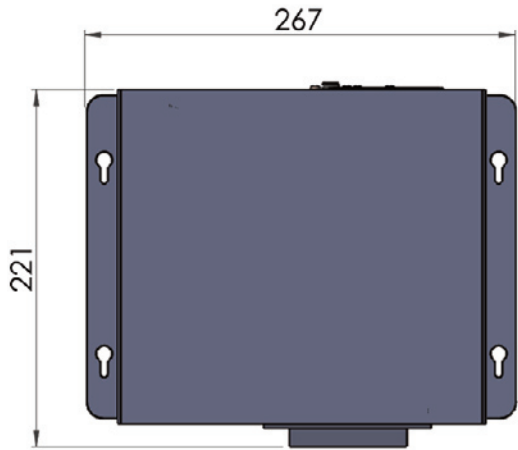
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|--------------------|--|
| Decorative Effects | Control over dimming, color change effects or twinkle effects. Supports one built in effect wheel. The slotted common end allows fiber to be inserted in such a way to allow creation of specialist lighting effects such as shooting stars, fireworks and light chasing effects. |
| 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 |
| Color 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 |



Please note that dimensions are shown in mm.



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