PRODUCT DATA SHEET

FL 1500 C DMX

RobLight

99102145
03-02-2025
Rev. 2

PRODUCT INFO

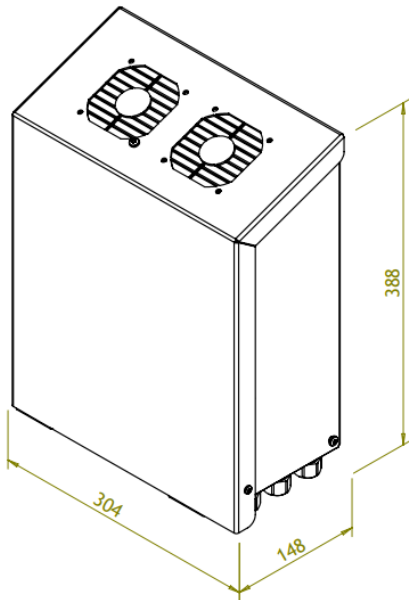| Model	Item No.
3000K Dual	01300458
4000K Dual	01300468
3000K Colour	01300358
4000K Colour	01300368
3000K Twinkle	01301358
4000K Twinkle	01301368
Accessory	
Mounting Kit	01369001
DMX Controller	01600302
Casambi Controller	80000031

High-Power Performance Light Generator with Advanced Colour & Twinkle Wheel Effects for Fiber Optic Lighting

The FL 1500 C DMX series is a high-performance DMX/RDM-controllable light generator, specifically designed for indoor environments and dry locations. For seamless wireless control, a Casambi-enabled option is available upon request. Engineered for exceptional lumen output, it delivers superior illumination and reliability. Optimized for compatibility with PMMA and glass fibre optic lighting systems, it ensures precise and consistent lighting for a wide range of applications.

This advanced light generator ensures flicker-free performance and a high Colour Rendering Index (CRI), providing superior light quality and stability for optimal visual comfort. It is available in various colour temperatures, including Warm, Neutral, and Cool White, with custom options available, to meet diverse lighting needs. The FL 1500 C DMX features a controllable 6-colour wheel and/or twinkle wheel, delivering dynamic and customizable lighting effects for creative interior applications.

With an optional wall-mounted installation kit, the FL 1500 C DMX Series offers a versatile and energy-efficient solution for demanding lighting projects, making it the perfect choice for professional environments.

KEY FEATURES

- Designed for indoor environments and dry locations
- Compatible with PMMA and glass fiber optic lighting
- High performance with an enhanced high-lumen output
- Features a controllable 6-color wheel and/or twinkle wheel, delivering dynamic and customizable lighting effects.
- Smooth dimming capability with DMX control
- Flicker-free operation with a High Colour Rendering Index (CRI)
- Wall-mounted installation kit available
- Available in Warm, Neutral, Cool White, and custom options
- Available Glass Colour Correction Filters

F CE **RoHS**

TECHNICAL SPECIFICATION

Specification	White
Port Connector Size	Ø28 mm [1]
Fibre Type	PMMA / Glass
Material	Black Hard Anodized Aluminium
Mains Supply Voltage	100-277V / 50-60Hz
Total Power Consumption	115 W
LED Power Consumption	100 W
LED Lifetime (L80)	> 60,000 hours
LED Driver Lifetime	> 100,000 hours (at 80% load and Tc 70°C)
Dimmer System	DMX (Casambi available upon request)
Thermal Protection	Automatic resettable [2]
Protection Rating	IP20
Cooling System	Active Fan Cooling
Cooling system lifetime	70,000 hours at 40°C
Fan Noise Level	≤ 33 dB
Ambient Temperature	-10°C to 45°C
Applied LED	Nichia
CCT (Nominal)	2700K, 3000K, 4000K, 5000K (Additional options available upon request)
CRI (Ra) Typical Value	≥ 93 for 2700K, 3000K, 4000K
	≥ 83 for 5000K
Weight	7.6 kg

1) The connector size has an inner diameter of 28 mm to accommodate the raw fiber and an overall outer diameter of 30 mm.
2) Shuts off during overheating and automatically restarts once cooled to a safe temperature.