ABSOLUTE *ACTION*

SPECTRALUX 6000-85
LED Light source

The Spectralux 6000-85 is a 59W, CRI Ra97+ LED lightsource delivering a maximum output comparable to a 85W Metal Halide equivalent Fibre Optic Projector.

We constantly update our components in line with improving technologies within the industry to ensure the utilisation at all times of the latest and best LED chipsets and drivers.
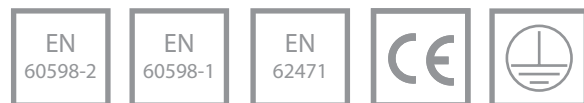
- **Product Description**

The Spectralux 6000-85 LED is a recent addition to the High-performance, optimum CRI, Fibre Optic Projectors Designed and manufactured in the UK by Absolute Action.

The LED is maintained at optimum operating conditions through the use of NTC reader control within the driver. This, together with the provision for assisted cooling via a near-silent Maglev fan, ensures maximum lumens per watt and assured LED longevity.

Smooth dimming is enabled under 0-10V or Dali protocols within the compatible driver, as well as manually via the integral potentiometer. WiFi connectivity is also available optionally.

Light output and quality are ideal for all mid-range lighting applications, most specifically for the lighting of Art where excellent spectral balance and light intensity control are essential. The Spectralux 6000-85 is fully compatible with all existing industry-standard Glass and PMMA fibre systems.

- **Standards**

| EN 60598-2 | EN 60598-1 | EN 62471 | CE | ⏚ |

- **Control**

| Manual | 0-10v | DALI | 📶 |

- **Colour Temperature**

| 2700 K | 3000 K | 4000 K |

- **Finishes**

NVY

General Information

Driver Unit	SELV
Driver Included	Yes (Internal)
Connection Type	IEC lead to Lightsource
Material	Steel
Applied Finish	Epoxy Powder Coating
Finished Colour	Navy
	Custom finishes available*
Infrared	No
UV	No

Operating & Electrical

Power Consumption	59.5W
Input Voltage	95V - 305V
Input Frequency	47Hz - 63Hz
Operating Temperature	-20℃ to +55℃
Thermal Management	Dynamic Temperature Responsive Cooling Thermal overload protection

Control & Dimming

Dimmable	Yes
Dimming Protocols	Manual 0-10V Dali WiFi*
WiFi Enabled	Yes*
Colour Control	Yes*

Lighting & Optical Data

Lamp	High Density COB
Lamp Output	8,274 Lm
Colour Rendering Index	Ra 97 min as standard Ra90 available upon request
Lamp Life	L90 48,362 hours (A/C M/F)
Correlated Colour Temperature (K)	2700K 3000K 4000K other CCTs available *
Optic Cover / Lens	Coupling AR Optics
UV Filter	N/A

Mechanical Data

Lightsource (mm)	250 L x 203 W x 113 H
Weight	3.6Kg

Certification & Guarantee

Standards	CE BS EN 60598 BS EN 62471
IP Rating	IP35 to IP54
Guarantee	3 Yrs min
Protection Class IEC	IEC - Class 1

* On request

- Dimensional Data

Top View

Front View

Side View