

SPECTRALUX 4C

LED Light source

The Spectralux 6000 is a 49W to 162W, CRI Ra95+ LED lightsource delivering a maximum output comparable to a 240W Metal Halide equivalent Fibre Optic Projector and utilising the latest LED Chipsets and driver technologies.

• Product Description

The Spectralux 4C LED is the latest addition to the high-performance Fibre Optic Projectors designed and manufactured in the UK by Absolute Action.

The lightsource is maintained at optimum operating conditions through the use of temperature-responsive control technology via a near-silent Maglev fan. Typical Tj of the LED is 47°C allowing for improved lumens per watt and increased LED longevity and reliability.

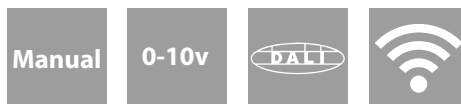
The Spectralux 6000 features optional WiFi connectivity for live data streaming and communications, either as a WiFi Station or a WiFi Access Point with data storage internally and on the cloud. Equipment alerts and diagnostics are also included

Light output is ideal for any substantial fibre optic lighting applications, making this a perfect retrofit unit for all industry-standard Glass and PMMA fibre systems, as well as any new-build requirements.

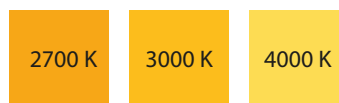
• Standards



• Control



• Colour Temperature



• Finishes



General Information

Driver Unit	SELV (remote)
Driver Included	Yes (remote upto 100m)
Connection Type	IEC lead to driver, XLR lead from driver to Lightsource
Material	Steel
Applied Finish	Epoxy Powder Coating
Infrared	No
Infrared	No
UV	No

Operating & Electrical

Power	48.8W to 161.3W
Consumption	
Input Voltage	95V - 305V
Input Frequency	47Hz - 63Hz

Operating Temperature	-20°C to +55°C
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	6,483lm - 16,953 Lm
Colour Rendering Index	Ra 95 min as standard Ra97 & Ra90 available
Lamp Life	L90 54,351 hours (A/C M/F)
Correlated Colour Temperature (K)	2700K 3000K 4000K *other CCTs available
Optic Cover / Lens	Coupling AR Optics
UV Filter	N/Aw

Mechanical Data

Lightsource (mm)	250 L x 141 W x 141 H
Weight	2.8Kg
Driver Unit (mm)	141 mm
Weight	1.85 kg

Certification & Guarantee

Standards	CE, BS EN 60598, BS EN 62471
IP Rating	IP35 to IP54
Warranty	3 Years
Protection Class	IEC - Class 1
IEC	
	* on Request

Dimensional Data