

BioLumen

Series 500

Daisy-chained LED strips designed for hostile environments. For use in laboratories or large scale lighting applications. Delivers smooth spectrum light that is tailored to suit the needs of both humans and livestock. Including NUV and Patented NP technology [where stated].

- Biologically-optimised spectrum [see colour options].
- Fully dimmable.
- Extra robust construction [ABS, acrylic and & silicone rubber].
- Daisy chained for simple installation.
- IP67 [including connectors].
- Rubber cabling for low temperatures.
- Passively cooled – no moving parts.
- Slides easily onto aluminium mounting rail for flexible mounting options, including suspension and catenary wire.
- Surface mounting also available allowing light to be angled.
- 3 year warranty.
- Up to 8 units powered from a BioLumen CV Power Pod [sold separately].

Available separately

- BioLumen CV Power Pod
- BioLumen Signal Bus Cable
- BioLumen Signal 4m extension cable
- BioLumen Signal 1m extension cable
- BioLumen Aluminium Catenary Mount
- BioLumen Master Control
- Aluminium Surface Mounting Brackets
- 4m Light Cable
- 1m Light Cable
- Cable end cap
- Opaque diffuser



Dimensions

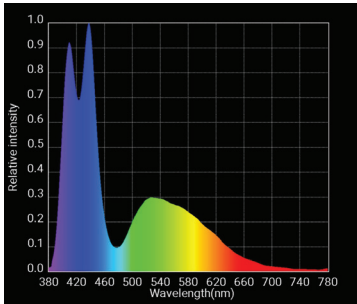
- A 30mm
- B 40mm
- C 500mm

Series 500

	Code	Beam Angle	PAR ($\mu\text{molcm}^{-2}\text{s}^{-1}$)	Illuminance (lux)	Total luminous flux (lm)	Total Power Consumption (w)	Efficiency (lm/W)
Blue	BLM-500-B	120	33	1615	980	16	61
Natural Daylight	BLM-500-ND	120	37	2544	2145	22	92
Red	BLM-500-R	120	35	1546	359	16	22

All values at 400mm in air

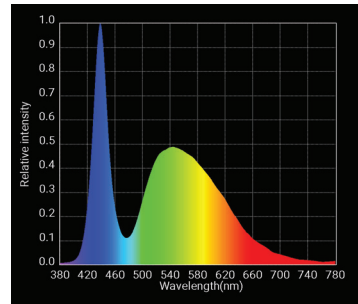
Blue



4 x 6500k white, 2 x NP blue, 1 x 410nm NUV



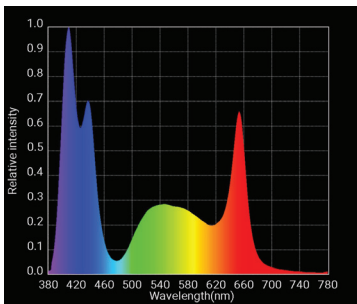
Natural Daylight



7 x 6500k white



Red



4 x 6500k white, 2 x 660nm red, 1 x 410nm NUV

