



PULSAR
LUXEOSLINE VIVID COLOUR
 LED LINEAR FOR ARCHITECTURAL LIGHTING

LUXEOSRANGE: LINEAR



A high performance LED Linear exceeding 500+ lm/300mm with Red, Green, Blue and White (CRI90+) LEDs.

LIGHT OUTPUT: BEST IN CLASS

Calling upon our 45+ years of lighting expertise, our custom light engines deliver vibrant, internally mixed colour and exceptional light output.

HIGH PERFORMANCE

Available in **300, 600, 900, 1200mm** lengths
 Up to **500+ lm/300mm** output (2000+ lm/ 1200mm)
 Flicker Free.
100,000 hours L70 at 50°C.

TRUE THERMAL DESIGN

- Convection cooled for completely silent operation
- Intelligent thermal management
- Precision engineered housing

KEY TECHNICAL DATA

9w/ 30cm Power	500lm/ 30cm Lumens	48V DC Voltage	IP66 + IK09 Protection	DMX RDM Control	5 YEAR Guarantee
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LED COLOUR OPTIONS



Also available in VW and Fixed CCT; Please refer to Luxeos Vibrant White Range

DURABLE AND RELIABLE

Waterproof and weatherproof to IP66 with an IK09 rating
 Corrosion resistant as standard
 Toughened glass & marine grade fasteners

CUSTOMISE TO YOUR SPECIFICATION

Designed in Cambridge, made in Cambridge, UK.
 We can build the Luxeos to meet your specification; customisation options include:

- RAL paint finishes
- Bespoke mounting brackets
- Comprehensive range of beam angles are available
- Single colour options

PRODUCT BEAM ANGLE OPTIONS

CIRCULAR BEAMS

10 (Native), 15, 20, 30, 40, 60, 80 degree

ELLIPTICAL BEAMS

10x30, 10x40, 15x40, 10x20, 10x50 degree
 10x60, 35x75, 90x25 degree

MOUNT OPTIONS

- Telescopic mount
- Multi position surface/wall foot
- Custom





Technical Specification

Light	LED Type	Quad RGBW	Red	Green	Blue	Cyan	Amber
	CRI	90+ (white)					
	Wavelength CCT (Colour Temp K)	R 624 - 634nm G 525 - 530nm B 445 - 450nm W 2700 - 5700 (CRI90)	624nm ↓ 634nm	525nm ↓ 530nm	445nm ↓ 450nm	490nm ↓ 510nm	585nm ↓ 595nm
	Lumen maintenance	100,000 hours L70 at 50°C					
Electrical	Power input	48V DC- Up to 12 fixtures daisy chained (Approx. 500w max per power supply)					
	Wattage	9w/300mm, 18w/600mm, 27w/900mm, 36w/1200mm					
	Control	Resolution - 8bit (with intelligent smoothing) DMX512 - 4 DMX channels RDM - Remote Device Management for easy setup Thermal - Automatic Thermal Management built in					
Physical	Dimensions (Height x Width x Length)	58x40x300 (300mm) 58x40x600 (600mm) 58x40x900 (900mm) 58x40x1200 (1200mm)					
	Weight	1kg (2.2 lb) (300mm) 1.5kg (3.3 lb) (600mm) 2kg (4.4 lb) (900mm) 2.5 kg (5.5 lb) (1200mm)					
	Material and finish	Machined aluminium, powder coated in a standard or custom finish - corrosion pre-treatment as standard					
	Lens and front glass	Acrylic lenses and toughened front glass					
	Cables/connectors	In/thru power & DMX (X-Lok Connectors) 150mm cable length					
	Mount options	Multi-purpose / Custom upon request					
	Temperature range	-20 - +50°C					
	Ingress protection	IP66 / IK09 - Housing specifically designed to drain standing water					
	Environment	Dry conditions and damp or wet interior/exterior environments					
Optional Accessories	<ul style="list-style-type: none"> • Snoot • Half snoot • Louvre • Custom 						

We may make technical changes to either improve our products or to meet the very latest statutory requirements. The details on this data sheet are intended as a guide only.

