

Addressable Linear LED Module — Specification Sheet

20W/m POWER	784 LEDs PER METRE	RGBW COLOUR	24V DC INPUT	CRI >90 COLOUR QUALITY	180° VIEWING ANGLE
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PRODUCT FEATURES

- FCOB (Flip Chip on Board) RGBW LED strip with WS2814 addressable IC for smooth, dot-free linear illumination
- 784 LEDs per metre for ultra-high density colour mixing with no visible LED hotspots
- Individually addressable every 71.42mm. Supports pixel-mapped dynamic scenes and colour gradients
- CRI >90 for accurate colour rendering across all white and colour modes
- 180° wide beam angle for even wash illumination in coves and perimeter details
- 24V DC low-voltage input. Compatible with standard drivers and LightEfx ecosystem controllers
- 10mm FPCB width (IP30). 12mm (IP66) flexible mounting in narrow profiles and channels
- High thermal conductivity flexible circuit board with pre-applied heat-conductive adhesive tape

TECHNICAL SPECIFICATIONS

Light Source	Electrical	Physical
LED Type FCOB (Flip Chip on Board)	Power 20W/m	FPCB Width (IP30) 10 mm
IC Type WS2814	Input Voltage 24V DC	FPCB Width (IP66) 12 mm
LED Density 784 LEDs/m	Addressable Segment Every 71.42 mm	Cutting Interval 71.42 mm
Colour RGBW (addressable)	Solder Joints Every 0.5 m	Adhesive Heat-conductive double-sided
CRI Ra >90	Connection SPI Data (WS2814)	Operating Temp -20°C to +45°C
Viewing Angle 180°	Control LightEfx Ecosystem	Storage Temp -20°C to +60°C
White Variants RGBW	Commissioning App-driven	IP Rating IP30 / IP66
Installation	Compatibility	General
Mounting Adhesive or channel-mounted	Ecosystem APP or Touchscreen Hub	Certifications CE / RoHS
Minimum Bend Radius Per FPCB spec	Scenes 150+ customisable	Warranty 2 years (standard)
Environment Indoor (IP30) / Outdoor sheltered (IP66)	Sync WiFi multi-zone coordination	
Orientation Horizontal or vertical	Used In Altair Panel, Cornices, Skirtings	

Specifications are subject to change without notice. Actual performance may vary depending on installation conditions, thermal management and power supply quality. LightEfx recommends verification with project-specific requirements.