

SpotFlex LED RGBW 42 LEDs / meter

The SpotFlex LED 42 is a specialized FlexLED strip designed with integrated lenses to provide focused, long-range illumination. Unlike standard FlexLED strips with an average 120° beam angle, SpotFlex LED narrows the beam to 30°, 60° conical beam angle or an oval beam angle of 25° x 45° for precise uplighting and downlighting applications. Featuring a durable thermoplastic polyurethane lens, this LED strip ensures controlled light distribution for walls, objects, and surfaces requiring extended reach.

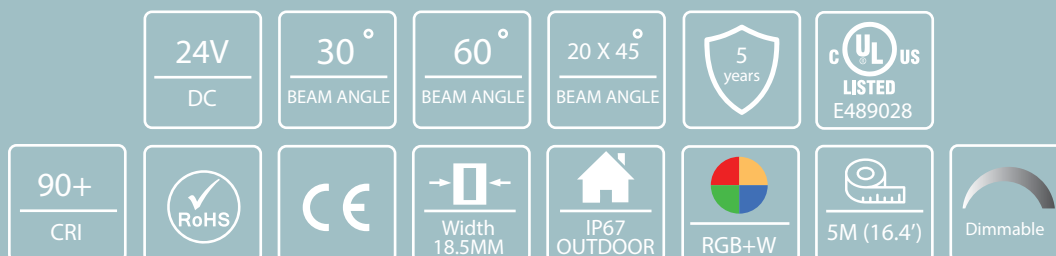
Key Features: Integrated Lenses

- Narrows beam angles for precise illumination (30°, 45°, 60°, and oval beam options).
- Optimized for Long-Throw Applications – Perfect for uplighting, downlighting, and accent lighting.
- Durable TPU Lensing – Provides consistent beam control and long-term reliability.
- Wide Colour Options – Available in 2700K, 3000K, 4000K, 5000K, Red, Green, Blue, and Amber.
- Custom Colours & Wavelengths – Special orders available upon request.
- Flexible Cut Points – Standard 6.25cm cut intervals (6.7cm near factory-moulded end caps).

Additional Details: Pricing is for 5 meters (custom lengths available).

Controller, power supply, and extension cables sold separately. Quantity discounts available.

Need a custom solution? Contact us today!



TECHNICAL SPECIFICATIONS

Product Type	RGB + Warm White (3000k)	RGB + Neutral White (4000k)	RGB + Cool White (5000k)
Product Code	SPFX-O24V-RGBW30-210-XX-5M-BEW	SPFX-O24V-RGBW40-210-XX-5M-BEW	SPFX-O24V-RGBW50-210-XX-5M-BEW
CRI	: 90+		
Kelvin	: 3000k +/-100k	: 4000k +/-100k	: 5000k +/-100k
PCB Color	: White		
Current, Rating	: 1A / meter		
Voltage	: 24 VDC		
Wattage - RGBW	: 24 W / meter		
Wattage - RGB	: 18 W / meter		
Wattage - White	: 6 W / meter		
CC / CV	: Constant Voltage		
IP Rating	: IP67		
Lumens / Meter @ Full - 30° Beam Angle - RGBW	: 1467	: 1499	: 1521
Lumen / Watt - 30° Beam Angle - RGBW	: 61	: 62.4	: 63.4
Lumens / Meter @ Full - 30° Beam Angle - RGB	: 903	: 903	: 903
Lumen / Watt - 30° Beam Angle - RGB	: 50	: 50	: 50
Lifetime*	: 30,000 hours		
Cutting Length	: 16.67 CM		
LED Quantity	: 42 LED / meter		
Number of Contacts	: 5		
LED Type	: 5060		
Copper Quantity	: 3 Oz.		
Temperature, Operating, Maximum	: 70°C		
Temperature, Operating, Minimum	: -40°C		
Agency Ratings	: UL - E489028, CE, RoHS		
PCB Width	: 18.5MM		
Maximum Recommended Length	: 5 meters		
Viewing Angle	: 30° / 60° / 25°X45°		
Adhesion	: 3M VHB 5952		
Wavelength A Red	: 620~625nm		
Wavelength B Green	: 515~520nm		
Wavelength C Blue	: 460~465nm		

TECHNICAL SPECIFICATIONS

SOFTFLEX LED SKU ORDERING CODES

SPFX	O24V	RGBWXX	210	XX	5M	BEW
1	2	3	4	5	6	7
Series	IP Rating & Voltage	CCT/Colour	LEDs	Beam Angle	Length in Meter	Wiring Style

1 Series SPFX SpotFlex	2 Output Type O24V Outdoor / 24 Volt	3 CCT/Colour RGBW30 Colour Changing + 3000K White RGBW40 Colour Changing + 4000K White RGBW50 Colour Changing + 5000K White	4 LEDs in 5 Meter Reel 210 For RGB & RGBW Only	5 Beam Angle 30 30° 60 60° 2545 25 x 45°
6 Length in Meters 5M Standard 5 Meter	7 Input Connector/Cabling BEW Wires - Stripped & Tinned 5PM 5 Pin Male Chogori Connector XLR XLR Style Connector			

Lead time for custom products are typically 6 - 8 weeks. Please contact us to discuss your project requirements.

INSTALLATION NOTES

Follow all instructions on bag label
Weatherproof is rated at IP67

Soldering Guidelines:
Soldering iron should be between 360°C and 372°C.

Please ensure not to heat each solder pad for longer than 3 seconds otherwise separation of the solder pads can occur.