



# LED Ribbon Light

Achieve flexible architectural lighting with cool and warm white LED Ribbon Light

Technical Brochure

# Warm white or cool white LED Ribbon Light with a 300mA working current

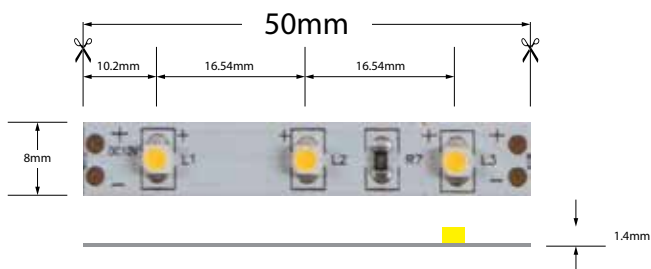


Applelec's LED Ribbon Light is a flexible LED strip for interior architecture and design.

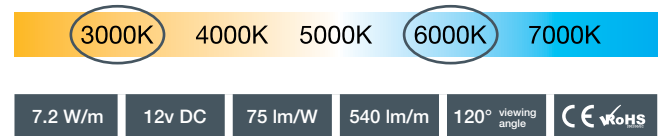
Featuring a white PCB and 120° viewing angle, LED Ribbon Light is available in warm white (2800K-3200K) and 'pure' or cool white (5500K-6500K) colour temperatures. Drawing just 7.2 watts per metre, LED Ribbon Light is an energy efficient solution with a working current of 12V DC.

Available in five metre reels, the LED strip can be cut every 50mm (every three LEDs) to deliver installation flexibility. Suitable for interior mounting, the self-adhesive 3M VHB tape pre-applied to the reverse of the LED ribbon makes installation simple.

LED Ribbon Light is designed for path and contour marking, edge lighting transparent and diffused materials, signage and to illuminate under shelves, kitchen units, counters, bars and reception desks. Convex, concave and other curved surfaces can be easily illuminated.



Dimensions	(L x W x H) 5000 x 8 x 1.4mm
Cut length	50mm / 3 LEDs



## Key Features

- 60 x SMD3528 LEDs per metre
- 5 metres per reel
- Cut points occur every 50mm / 3 LEDs
- Fitted with self-adhesive 3M tape
- IP20 suitable for interior mounting
- Power supply: 12V DC
- 120° viewing angle
- 3 year warranty

### Bespoke ordering:

LED Ribbon Light can be cut and pre-wired to specification in Applelec's purpose built LED antistatic rooms. The LED ribbon is cut to any required length between 50mm and 5m before pre-terminated flying leads are securely soldered on.

## Absolute Maximum Rating at TA=25°C

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current	IF	300	mA
Power Dissipation	PD	7.2	W
Electrostatic Discharge	ESD	800	V
Operating Temperature	Topr	-15~+40	°C
Storage Temperature	Tstg	-40~+80	°C

## Electrical / Optical Characteristics at TA=25°C

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Forward Current DC	VF	IF=300mA	11.5	12	12.5	V
Dominant Wavelength	$\lambda_D$	IF=300mA	--	--	--	nm
Luminous flux	$\phi_V$	IF=300mA	--	540	--	lm
Recommend Forward Current	IF(rec)	--	--	300	--	mA

### Notes:

1. Tolerance of measurement of luminous intensity  $\pm 15\%$ .
2. The above is 1 meter specification parameter.

3. Disclaimer: The parameter of specification is according to the sample only for reference.

## Packaging



5 metres per reel




Antistatic and anti-moisture packaging



Boxed for durability in transit

For more information on Applelec's products, please get in touch:

 01274 774 477

 [sales@applelec.co.uk](mailto:sales@applelec.co.uk)

 [www.applelec.co.uk](http://www.applelec.co.uk)

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 **Postal address:**

Applelec  
Unit 1, Wharfedale Business Park  
Shetcliffe Lane  
Bradford  
West Yorkshire  
BD4 9RW