

Features

- High performance 2835 LEDs
- **High efficacy of 114lm/W**
- Low visible dot design (180 LEDs per metre)
- Efficient heat design, requires no heat-sink
- Ultra flexible substrate
- Safe low voltage
- Pre-wired at both ends
- Double sided tape mounting

Electrical Data

Voltage	24.0 VDC
Wattage per metre	18 W
Current per metre	0.75 A / 24 V

LED Data

LED type	2835
Manufacturer	Dilux
Quantity of chips per LED	1
Quantity of LEDs per metre	180
LED pitch	5.56 mm

Photometric Data

Colour temperature	See figure 2
Colour rendering index Ra	>80
Luminous flux per metre	2,050 lm >3,700°K 1,880 lm <3,200°K
Luminous efficacy	114 lm/W >3,700°K
Beam angle	120°
Dimmable	1 ~ 100%

Construction / Protection Data

Substrate	Double layer FPCB
Thickness of FPCB	3 oz
Mounting	Double sided tape 3M
IP rating	See figure 3
Operating temperature	-20 ~ +70 C°
Storage temperature	-20 ~ +50 C°

Dimensions

Cutting increments	6 LEDs / 25mm See figure 1
Length	5000mm
Width	10.0mm
Height	1.2mm

Lifetime

Lifespan (L70)	>70,000 hours
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Testing environment temperature = 25°C ±2.0°



Figure 1.

Cutting Increments

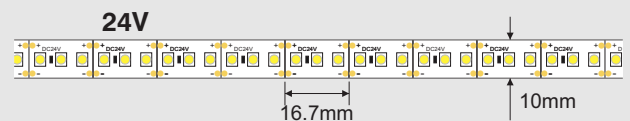


Figure 2.

Colour Temperatures

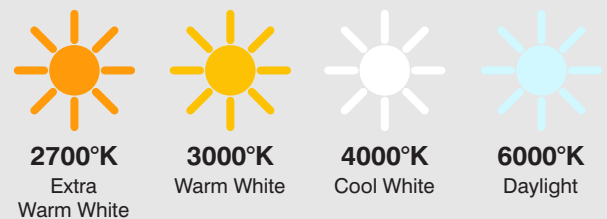


Figure 3.

IP Protection Ratings

