

LED Strip 2835 180

IP20 | Flexible LED strip

24V

FLEXIBLE LED STRIP LIGHT



POWER	OUTPUT	EFFICACY	COLOUR	CRI	INGRESS
15 W/m	1200 lm/m	80 lm/W	WW / NW / CW	≥90	IP20

ELECTRICAL

Supply voltage	24 V DC +/-10%
Supply current	0.625 A/m
Power consumption	15 W/m +/-10%
Protection class	Class III
Max run, single / double	6000 / 12000 mm
Control	Yes
Recommended driver	24V 3.5A

MECHANICAL

Dimensions H × W	8 x 1.2 mm +/-0.5 mm
Reel length	5000 mm
LED density / pitch	180 LED/m · 5.56 mm
Cutting interval	33.33 mm
Min. bend radius	30 mm
Bend direction	Top View
FPC copper	2.5 oz
Weight	18 g/m

COMPLIANCE AND RATINGS

CE	RoHS	IP20	BIS
IEC 62471	CRI 90	5 YR	

PHOTOMETRIC

Luminous flux	1200 lm/m
Luminous efficacy	80 lm/W
Colour	Warm, Natural and Cool White
Colour rendering	≥90
Colour consistency	≤3SDCM
Beam angle	120°
Measurement basis	LM-79, finished product

ENVIRONMENTAL

Ingress / impact	IP20
Operating ambient	-40°C to 65°C
Storage temperature	-40°C to 70°C
Application	Indoor

INSTALLATION

Mounting	Double-sided adhesive tape
Termination	Wire · 90 mm

LIFETIME AND WARRANTY

Lifetime	>50,000 h
Warranty	5 years