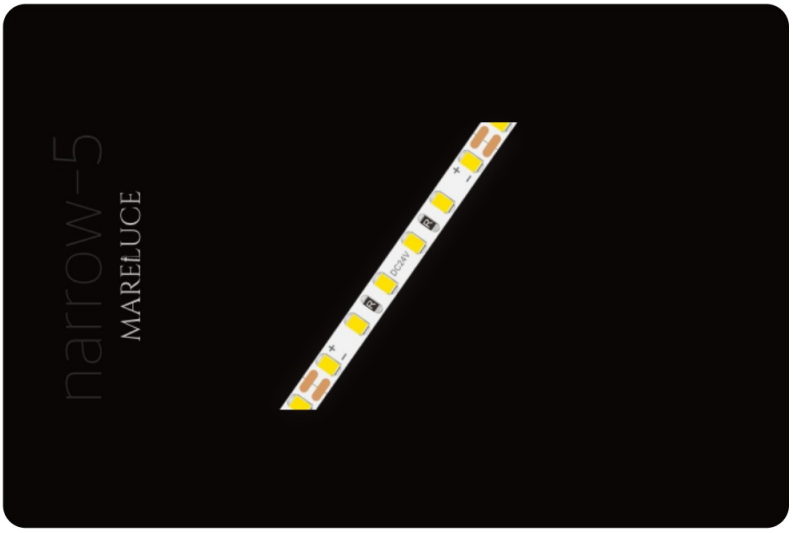
LED STRIP · ULTRA NARROW · 2835 SMD

NARROW-5

5 mm narrow high-output LED strip, 120 LEDs/m, 19.2 W/m · 12 / 24 V DC



PCB WIDTH 5 mm	POWER 19.2 W/m
VOLTAGE 12 / 24 V DC	CUT UNIT (24 V) 50 mm
LED DENSITY 120 LEDs/m	MIN. BEND RADIUS 50 mm

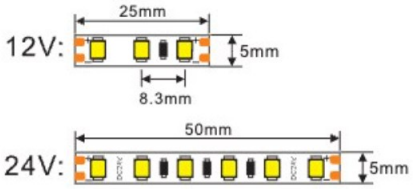
Overview

NARROW-5 is a 5 mm narrow LED strip with 120 2835 LEDs per metre, delivering up to 1930 lm/m from a profile half the width of a standard strip. It brings full functional brightness to slim profiles, coves and furniture details on board. Available for 12 or 24 V DC, PWM dimmable.

Specifications

Dimension	5000 × 5 × 1.2 mm (5 m reel)
LED	2835 SMD, 120 LEDs/m, 8.3 mm pitch
Cut unit	6 LEDs / 50 mm (24 V) · 3 LEDs / 25 mm (12 V)
Power	19.2 W/m
Current	0.8 A/m (24 V) · 1.6 A/m (12 V)
Colour temperature	2700K, 3000K, 4000K, 6000K
Colour rendering	CRI 90
Beam angle	120°
Dimming	PWM
PCB	2 oz copper, high-thermal 3M adhesive
Ambient temperature	−20 °C to +50 °C
Lead wire	150 mm, red/black, 18 AWG
Min. bend radius	50 mm
Protection	IP20 standard; IP65 on request

Cut Unit



ORDERING INFORMATION

Product Code

NARROW-5	3000K	CRI 90	24 V
MODEL	COLOUR TEMPERATURE	COLOUR RENDERING	VOLTAGE
	2700K · 3000K · 4000K · 6000K	CRI 80 on request	12 · 24 V DC

Specify colour temperature and supply voltage when ordering. Example: **NARROW-5**, 3000K, 24 V DC.

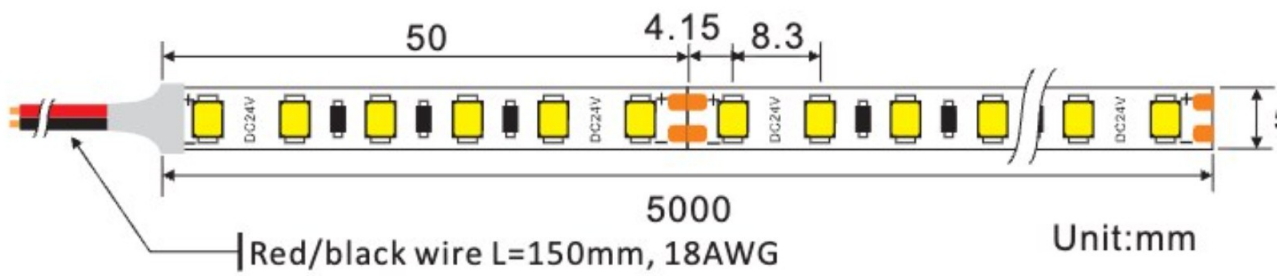
Photometric Data

COLOUR TEMPERATURE	POWER	LM/M CRI 90	LM/W CRI 90	LM/M CRI 80	LM/W CRI 80
NARROW-5 · 2700K	19.2 W/m	1650	86.0		on request
NARROW-5 · 3000K	19.2 W/m	1720	89.6		on request
NARROW-5 · 4000K	19.2 W/m	1899	98.9		on request
NARROW-5 · 6000K	19.2 W/m	1931	100.6		on request

Measured on IP20 strip at 24 V DC, full output. 2100K and 2400K on request.

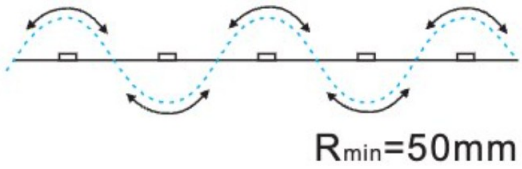
DIMENSIONS & INSTALLATION

Dimensions (unit: mm)



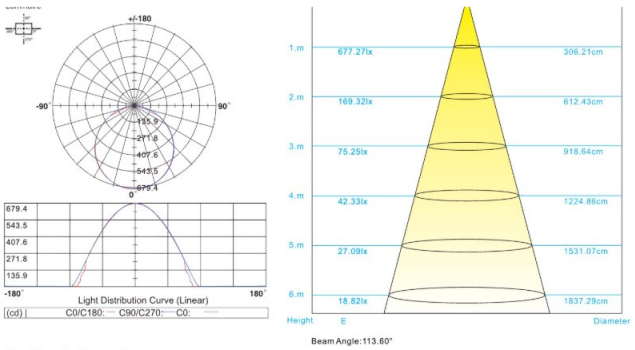
5 m reel, 5 mm PCB; cut marks every 50 mm (24 V) or 25 mm (12 V); 150 mm red/black lead wire, 18 AWG.

Bending



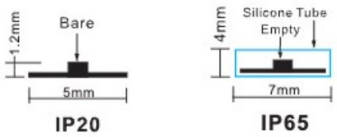
Flexible strip; minimum bend radius 50 mm. Do not bend at the cut marks.

Polar Curve



Reference: IP20, CRI 90, 6000K.

Waterproof Versions



VERSION	CONSTRUCTION	SIZE (W × H)
IP20	Bare PCB	5 × 1.2 mm
IP65	Silicone tube	7 × 4 mm

Light output and power may vary by up to ±10% due to production and component tolerances.