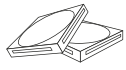


LED Neon DBD 10x20

dot-by-dot controllable neon



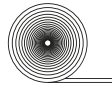
14.4W/m



60SMD/m



10cm



10m

IP40

2 YEAR
warranty



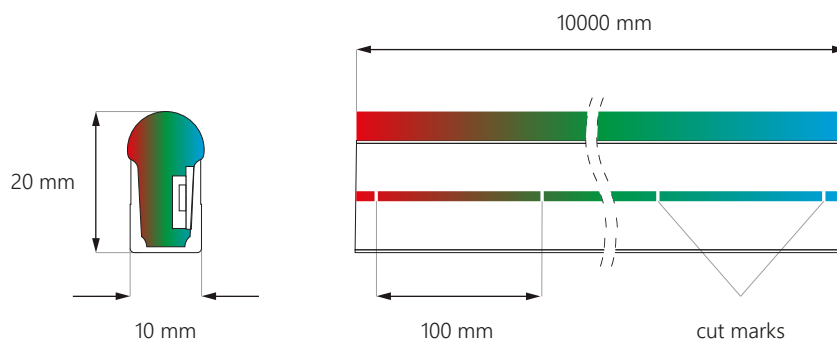
PWM

24V
DC

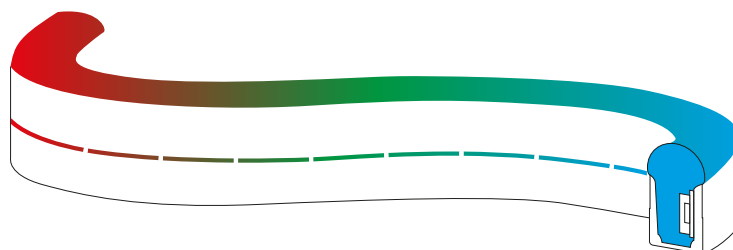
- **high** luminous efficacy
- energy **saving**
- **superb** quality
- **indoor** use



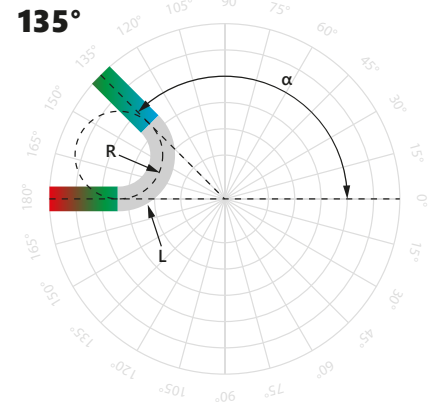
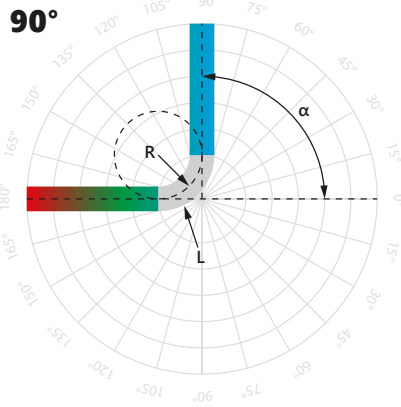
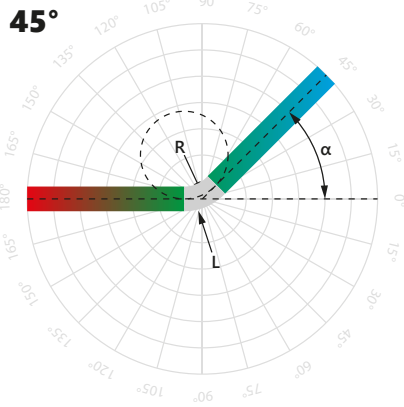
DIMENSIONS



LIGHTING SURFACE



MINIMUM LENGTHS OF LED NEON BENDING



α – LED neon bend angle	45°	90°	135°
R – LED neon bend radius	6 cm	6 cm	6 cm
L – LED neon bend length ($L = \alpha / 360^\circ \times 2\pi \times R$)	4.71 cm	7.065 cm	14.13 cm

TECHNICAL SPECIFICATION

Input voltage	24V DC
Nominal power usage per meter	14.4 W
Nominal power usage per reel	144 W
LEDs density per meter	60 SMD
LEDs density per reel)	600 SMD
Colour rendering index	≥ 80
Beam angle	120°
Dimmable	YES
Neon dimensions (W x H)	10 x 20 mm
Neon length	10 m
Cut section	10 cm
Bend radius	≥ 6 cm
Chip	IC P943
Communication protocol	SPI
Lifespan	~25000 h
Working temperature	-40°C ÷ +65°C
IP Rating	IP40
Compliance with	CE / RoHS / WEEE / UL listed
Warranty	2 years
Energy class	G

POSSIBLE COLOURS

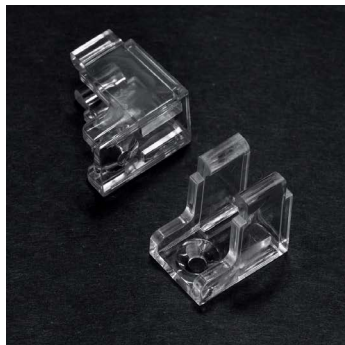
RGB DBD

dot by dot

ACCESSORIES



- basic **end caps**
- **primary** protection



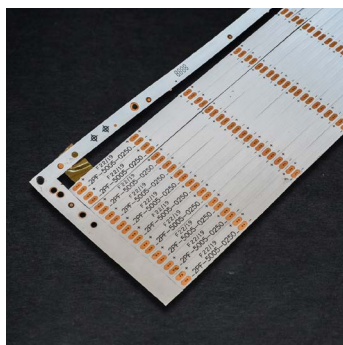
- basic **mounting holders**
- made of **plastic**



- 1-core wire (**Cu 100%**)
- sold in sets: **2 reels of 5 m**
- **Ø 0.45 mm²**



- 2-core wire (**Cu 100%**)
- sold in **reels of 100 m**
- **Ø 0.5 mm²**



- **support base**
- section length **2.5 cm**
- sold in **strips of 20 pcs**



- neon **cutter**
- **sharpening file** included

DOWNLOAD AREA

LED Neon installation guides

 <https://www.epiled.pl/download/led-neon-installation-guide-en.pdf>

 https://www.youtube.com/watch?v=1_TWw_FDqpY

EU Declaration of Conformity

<https://www.epiled.pl/download/deklaracje/eu-declaration-of-conformity-led-neons.pdf>

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