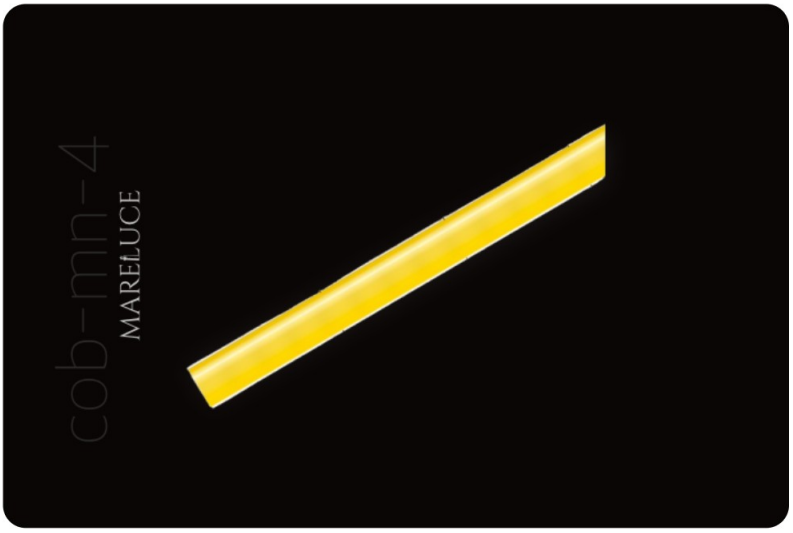
LED STRIP · COB · ULTRA NARROW

COB-MN-4

4 mm dot-free COB LED strip, 480 chips/m, 5 W/m · 12 / 24 V DC



PCB WIDTH	4 mm
POWER	5 W/m
VOLTAGE	12 / 24 V DC
CUT UNIT (24 V)	50 mm
BEAM ANGLE	180°
MIN. BEND RADIUS	10 mm

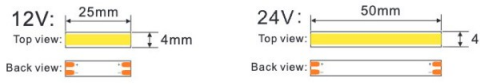
Overview

COB-MN-4 is a 4 mm chip-on-board LED strip with 480 chips per metre under a continuous phosphor layer, giving a completely dot-free line of light even without a diffuser. Its very small width and 10 mm bend radius suit tight grooves, curved details and shallow profiles on board. 12 or 24 V DC, PWM dimmable.

Specifications

Dimension	5000 × 4 × 2 mm (5 m reel)
LED	COB, 480 chips/m
Cut unit	12 chips / 50 mm (24 V) · 6 chips / 25 mm (12 V)
Power	5 W/m
Current	0.21 A/m (24 V) · 0.42 A/m (12 V)
Colour temperature	2700K, 3000K, 4000K, 6500K
Colour rendering	CRI 90
Beam angle	180°
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	10 mm
Protection	IP20

Cut Unit



ORDERING INFORMATION

Product Code

COB-MN-4	3000K	CRI 90	24 V
MODEL	COLOUR TEMPERATURE	COLOUR RENDERING	VOLTAGE
	2700K · 3000K · 4000K · 6500K	CRI 90	12 · 24 V DC

Specify colour temperature and supply voltage when ordering. Example: **COB-MN-4**, 3000K, 24 V DC.

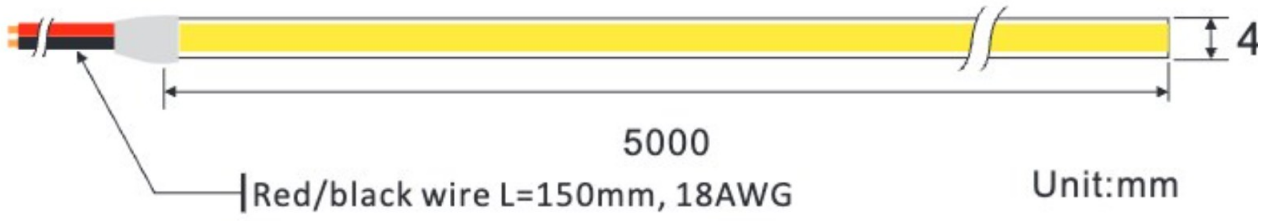
Photometric Data

COLOUR TEMPERATURE	POWER	LM/M	LM/W	CRI
COB-MN-4 · 2700K	5 W/m	480	96.0	90
COB-MN-4 · 3000K	5 W/m	519	103.8	90
COB-MN-4 · 4000K	5 W/m	575	115.0	90
COB-MN-4 · 6500K	5 W/m	560	112.0	90

Measured on IP20 strip at 24 V DC, 5 W/m, full output.

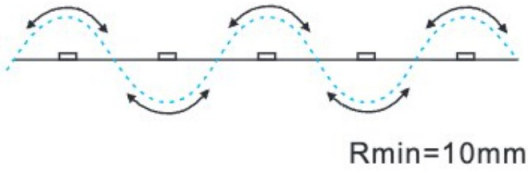
DIMENSIONS & INSTALLATION

Dimensions (unit: mm)



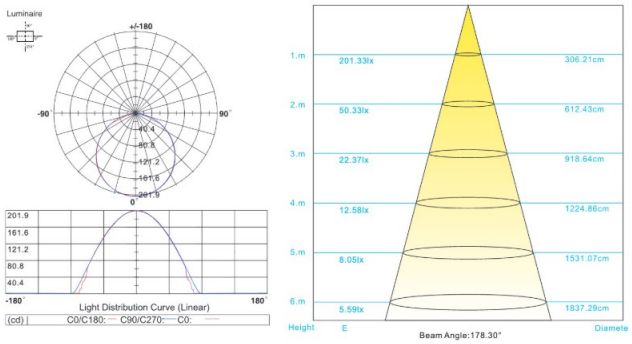
5 m reel, 4 mm PCB; cut marks every 50 mm (24 V) or 25 mm (12 V); 150 mm red/black lead wire, 18 AWG.

Bending



Flexible strip; minimum bend radius 10 mm.

Polar Curve



Reference: IP20, 6000K.

Waterproof Versions



VERSION	CONSTRUCTION	SIZE (W × H)
IP20	Bare PCB	4 × 2 mm

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