

**Datasheet**  
**5955601**

**10W/m R2R COB LED-Streifen 2700K 5m**

Our **10W R2R COB LED STRIP** emits homogeneous light without any light spots at all. Therefore, it is particularly well suited for use in very flat profiles or indirect lighting with a short distance to reflective surfaces. This is made possible by the continuous phosphor coating. The new manufacturing process of the R2R COB strip, makes it possible that there are no disturbing solder joints on the tape.



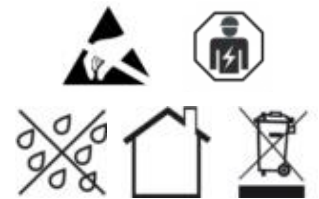
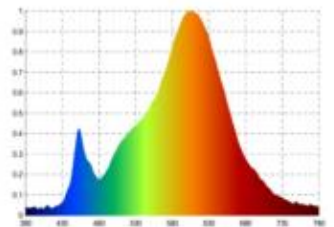
Due to the high separability of the LED strip, an almost exact fit installation is possible.



Dimmable: yes

4.525 lm	luminous flux
900 lm/m	luminous flux / m
50 Watt	rated power
10 Watt/m	rated power / m
24 V DC	output voltage
2700 K	colour temperature
Warmweiss-E)	colour perception
Ra>90	colour rendering
5 sdcm	colour consistency
180°	beam angle
5.000 mm	length of strip on wheel
5.000 mm	max. strip length
8 mm	width
16 mm	height
COB	LED chipset
480 LED/m	LED chips / m
208 mm	LED pitch
50 mm	smallest cuttable unit
1000 mm	length connection cable side 1
1000 mm	length connection cable side 2
50 mm	lowest bending radius
IP20	type of protection
65 °C	max. temperature at tc test point
-20° - 60°C	temperature range in operation
no	Aluminum profile necessary for cooling?
Ø 54.000 h	nominal life time
L80B10	rated life time
0,8	lumen maintenance factor at the end of the nominal life
408 mA	nominal current
10 kWh/1000h	energy consumption

Spectral power distribution  
in the range 180 - 800 nm



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5955601

A	▶
B	▶
C	▶
D	▶
E	▶
F	▶
G	▶

**50**  
kWh/1000h

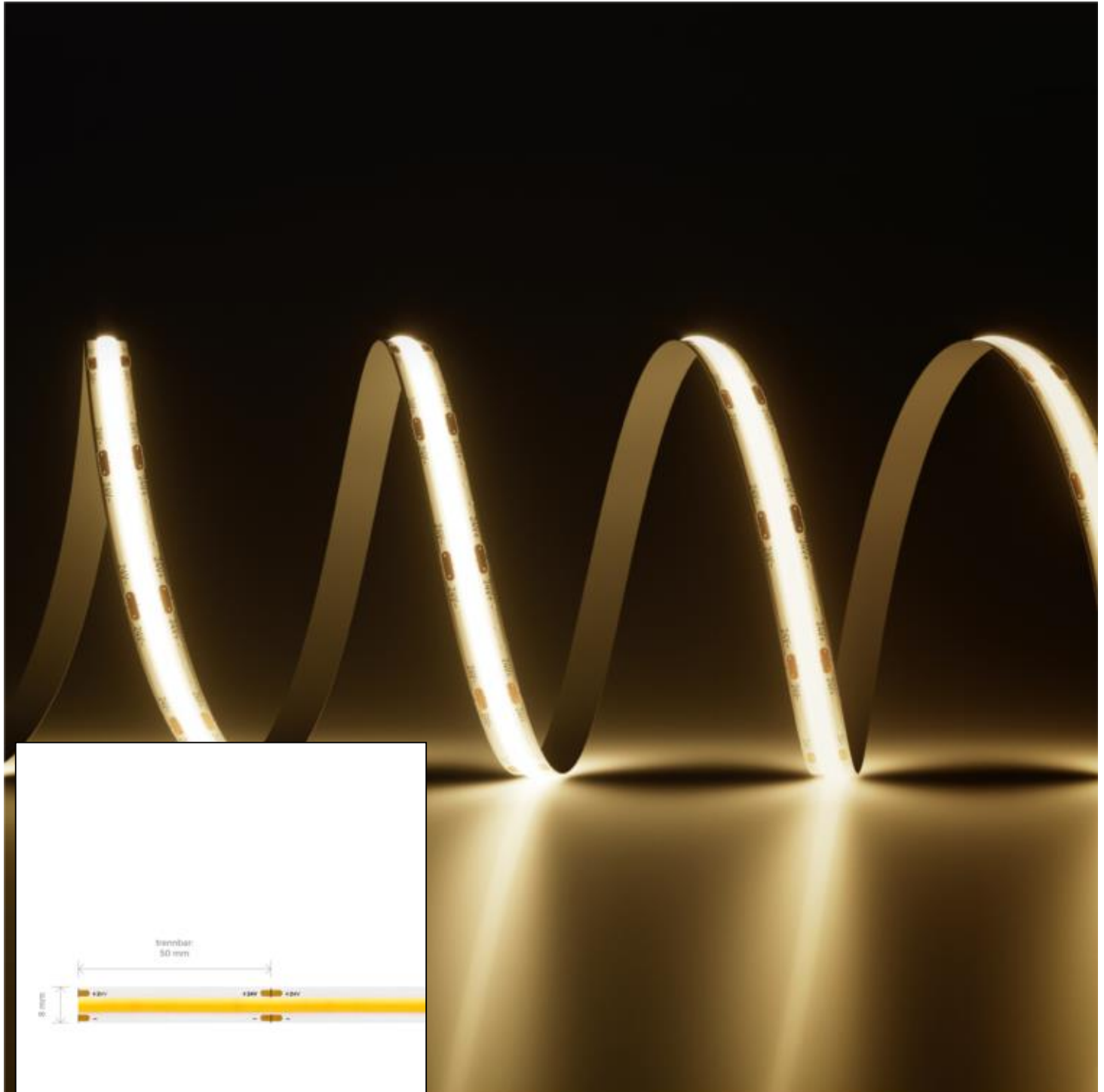
2019/2015

as of: 15.08.2023



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**Manual:**

[https://shop.sigor.de/media/pdf/5955601\\_manual.pdf](https://shop.sigor.de/media/pdf/5955601_manual.pdf)

as of: 15.08.2023

Page: 2

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