

**Datasheet**  
**5959001**

**5W/m HE PRO LED-Streifen 2700K 5m**

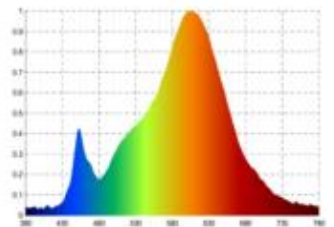
Our 5 W **PRO HE STRIP IP20** is all about protecting the environment. Compared to our conventional LED strips, the HE strip is 30% more efficient. It has a remarkable efficiency of 180 lm/W. By using smaller power supplies, a very environmentally friendly lighting solution can be created. A tight binning with only 3 SDCM guarantees a homogeneous light colour on the strip as well as on different strips of this type. Particularly important in the project: we offer a 5-year guarantee and vouch for the high-quality workmanship and durability of these strips. For easier installation and further processing, we have provided the strip with a feed and a secondary feed of 1 metre each.



Dimmable: yes

4.500 lm	luminous flux
900 lm/m	luminous flux / m
25 Watt	rated power
5 Watt/m	rated power / m
24 V DC	output voltage
2700 K	colour temperature
Warmweiss-E)	colour perception
Ra>90	colour rendering
<3 sdcM	colour consistency
120°	beam angle
5.000 mm	length of strip on wheel
5.000 mm	max. strip length
10 mm	width
5 mm	height
2835	LED chipset
108 LED/m	LED chips / m
9.26 mm	LED pitch
83.33 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
80 °C	max. temperature at tc test point
-40° - 80°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
208 mA	nominal current
25 kWh/1000h	energy consumption

Spectral power distribution  
in the range 180 - 800 nm



**SIGOR**  
5959001

A	▶
B	▶
C	▶
D	▶
E	▶
F	▶
G	▶

C

**25**  
kWh/1000h

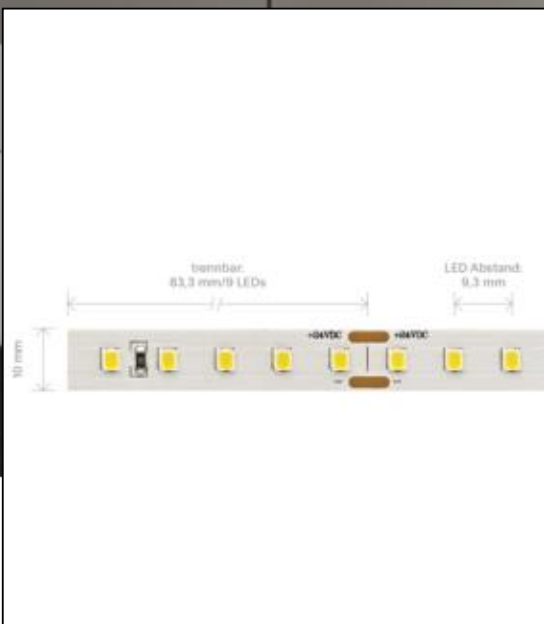
2019/2015

as of: 05.12.2023



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**Manual:**

[https://shop.sigor.de/media/pdf/5959001\\_manual.pdf](https://shop.sigor.de/media/pdf/5959001_manual.pdf)

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