

**Datasheet**  
**5923501**

**12W/m HE PRO LED-Streifen 4000K 5m**

Our 12W **PRO High Efficiency STRIP IP20** is all about environmental protection. Compared with our conventional LED strips, the HE strip is 30% more efficient. It has a remarkable efficiency of 201 lm/W. By using smaller power supplies, a very environmentally friendly lighting solution can be created.



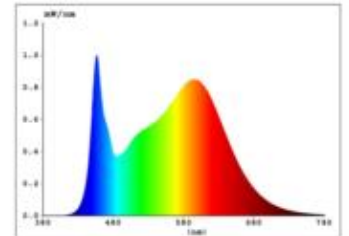
A tight binning with only 3 SDCM guarantees a homogeneous light color both on the strip and different strips of this type.



Dimmable yes

12.335 lm	luminous flux
2.467 lm/m	luminous flux / m
60 Watt	rated power
12 Watt/m	rated power / m
24 V DC	output voltage
4000 K	colour temperature
Neutralweiss	colour perception
Ra>90	colour rendering
<3 sdc	colour consistency
120°	beam angle
5.000 mm	length of strip on wheel
5.000 mm	max. strip length
10 mm	width
1.50 mm	height
2835	LED chipset
180 LED/m	LED chips / m
5.55 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
80 °C	max. temperature at tc test point
-40° - 70°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
500 mA	nominal current
60 kWh/1000h	energy consumption

Spectral power distribution  
in the range 180 - 800 nm



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A	
B	<b>B</b>
C	
D	
E	
F	
G	

**60**  
kWh/1000h

2019/2015

as of: 05.12.2023



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**Manual:**

[https://shop.sigor.de/media/pdf/5923501\\_manual.pdf](https://shop.sigor.de/media/pdf/5923501_manual.pdf)

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