

**Datasheet**  
**5957701**

**16W/m COB LED-Streifen RGB/TW 5m**

Our **16WCOB LED STRIP COB** 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.



Especially important in the object: we offer a 3-year warranty and vouch for the high-quality workmanship and durability of these strips.

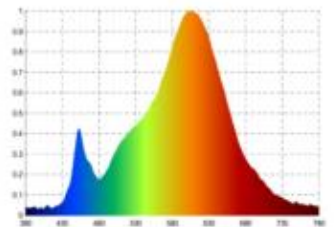
For easier installation and further processing, we have given the strip a feed and a secondary feed of 1 meter each.



Dimmable: yes

|              |   |
|--------------|---|
| 4.625 lm     | luminous flux   |
| 925 lm/m     | luminous flux / m                                       |
| 80 Watt      | rated power   |
| 16 Watt/m    | rated power / m   |
| 24 V DC      | output voltage  |
| 2700-6500 K  | colour temperature                                      |
| RGB/TW       | colour perception                                       |
| Ra>90        | colour rendering  |
| 6 sdcm       | colour consistency                                      |
| 180°         | beam angle  |
| 5.000 mm     | length of strip on wheel                                |
| 5.000 mm     | max. strip length                                       |
| 12 mm        | width   |
| 16 mm        | height  |
| COB          | LED chipset   |
| 840 LED/m    | LED chips / m   |
| 119 mm       | LED pitch   |
| 416 mm       | smallest cuttable unit                                  |
| 1000 mm      | length connection cable side 1                          |
| 1000 mm      | length connection cable side 2                          |
| mm           | lowest bending radius                                   |
| IP20         | type of protection                                      |
| 65 °C        | max. temperature at tc test point                       |
| -20° - 60°C  | temperature range in operation                          |
| yes          | Aluminum profile necessary for cooling?                 |
| Ø 54.000 h   | nominal life time                                       |
| L80B10       | rated life time   |
| 0,98         | lumen maintenance factor at the end of the nominal life |
| 672 mA       | nominal current   |
| 16 kWh/1000h | energy consumption                                      |

Spectral power distribution  
in the range 180 - 800 nm



**Sigor**  
5957701

|   |   |
|---|---|
| A | ▶ |
| B | ▶ |
| C | ▶ |
| D | ▶ |
| E | ▶ |
| F | ▶ |
| G | ▶ |

**80**  
kWh/1000h

2019/2015

as of: 06.09.2023



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**Manual:**

[https://shop.sigor.de/media/pdf/5957701\\_manual.pdf](https://shop.sigor.de/media/pdf/5957701_manual.pdf)

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**SIGOR Licht GmbH** • Eichenhofer Weg 81 • 42279 Wuppertal  
Telefon 0 23 39 - 12 61 - 0 • Telefax 0 23 39 - 12 61 61  
info@sigor.de • www.sigor.de

Handelsregister HRB 19472  
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Geschäftsführer:  
Michael Perterer  
Robin Scheffel

