

LED STRIP BASIC TOP VIEW 12 mm COB 280 IP67

- homogener, flexibler COB (Chip on Board) LED-Streifen mit Schutz vor Wasser und Taufeuchte
- extrem hohe Chipdichte: 280 LED-Chips pro Meter
- ideal für Anwendungen im Innen- und Außenbereich (kein dauerhaftes Untertauchen)
- hohe Lichtqualität und naturgetreue Darstellung von Farben durch einen hohen Farbwiedergabeindex > 90 (CRI>90)



PHOTOMETRIC DATA

24 VDC	14,4 W/m	280 m	120°	500 cm max
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	51542528	51542533	51542534
Typ. colour temperature ±15%	2700 K	3000 K	4000 K
Light color	warm white	white	cold white
Typ. luminous flux per meter	1150 lm/m		1300 lm/m
Efficiency	80 lm/W		90 lm/W
Typ. color rendering index	>90		
LED beam angle	120 °		
Lifetime L70	30000 h		

ELECTRICAL DATA

	51542528	51542533	51542534
Operating voltage	24 V DC		
Typ. operating current	3 A		
Typ. power	72 W		
Typ. power per meter	14,4 W/m		

MECHANICAL DATA

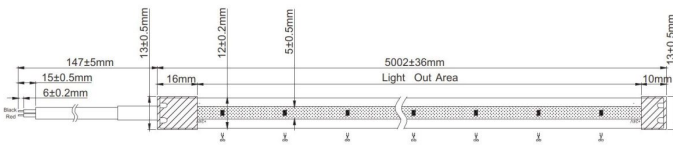
	51542528	51542533	51542534
Length stripe	5000 mm		
Width stripe	13 mm		
Height stripe	5 mm		
Number of LEDs per cut	7		
Number of cuts	200		
Length per cut	25 mm		
Type of protection	IP 67		

FURTHER DATA

	51542528	51542533	51542534
Max. operable length ¹	5000 mm		
Operating temperature	-20° C ~ +45° C ° C		
Storage temperature	0° C ~ +60° C		

¹The value given applies to the application of the rated voltage at the first module section. When using a supply line, the maximum operable length changes depending on the supply line length and its cross section.

TECHNICAL DRAWING



ACCESSORIES

	51542501	51542502
Description	2 Konnektoren mit freien Drahtenden - zum lötfreien Anschließen des Streifens	Halterset - 10 x Halter + 20 x Schrauben

NOTES

LEDs and the electronic components/devices required for their operation are wearing parts and can function for many years depending on use and location. In general, these products are subject to an aging process, the light output of LEDs decreases in the course of their operating life. The aging of LEDs is due to thermal influences. Our LEDs correspond to the operating life, which has e.g. a L70 value. This means that the installed LEDs of a given type retain at least 70% of their luminous efficiency. Thus, the decrease of the luminous effect of the LED within the above-mentioned scope within the operating life does not represent a defect according to the current state of technology.

The guarantee period for the product is 2 years and begins on the day of shipment. Reference is the date of the delivery bill. The guarantee period may differ for accessories.