

LED STRIP BASIC RGBW

- flexibler LED-Streifen für einfache Anwendungen
- ideal für indirekte Ambientebeleuchtung im Wohnbereich
- durch die einfache Ansteuerung über com+ lassen sich individuelle Farben einstellen
- Stromregelung durch Widerstände
- teilbar mittels Schere an den Markierungen
- einfache Montage mit rückseitigem Klebeband



PHOTOMETRIC DATA

24 VDC	19.2 W/m	60 mm	120°	500 cm max
--------	----------	-------	------	------------

	51542428	51542433	51542434
Version	2700 K	3000 K	4000 K
Light color	RGBW		
Typ. luminous flux per meter	1120 lm/m	1140 lm/m	1180 lm/m
Efficiency	58 lm/W	59 lm/W	61 lm/W
LED beam angle	120°		
Lifetime L70	30000 h		

ELECTRICAL DATA

	51542428	51542433	51542434
Operating voltage	24 V DC		
Typ. operating current	4 A		
Typ. power	96 W		
Typ. power per meter	19,2 W/m		

MECHANICAL DATA

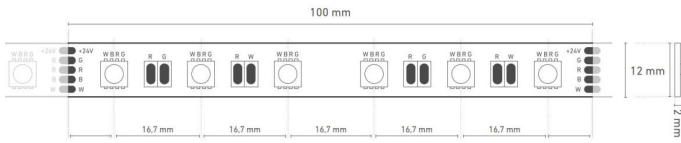
	51542428	51542433	51542434
Length stripe	5000 mm		
Width stripe	12 mm		
Height stripe	2 mm		
Number of LEDs per cut	6		
Number of cuts	50		
Length per cut	100 mm		
Type of protection	IP 00		

FURTHER DATA

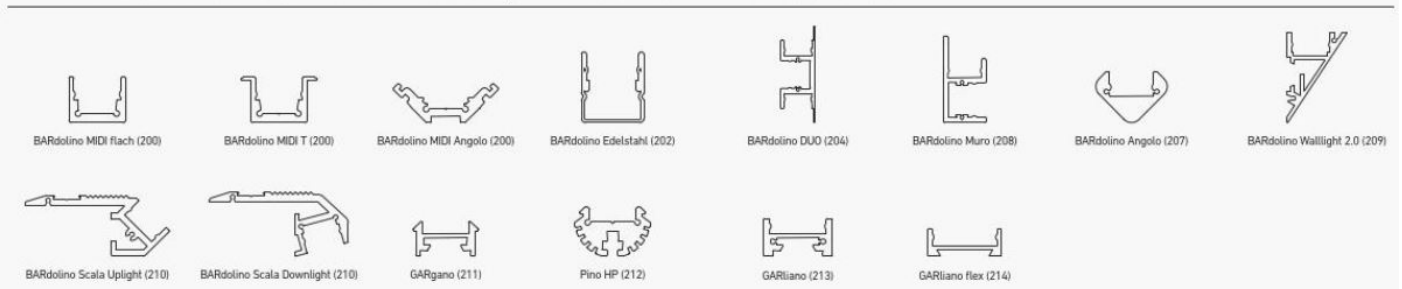
	51542428	51542433	51542434
Max. operable length ¹	5000 mm		
Operating temperature	-20° C ~ +45° C ° C		
Storage temperature	0° C ~ +60° C		

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.

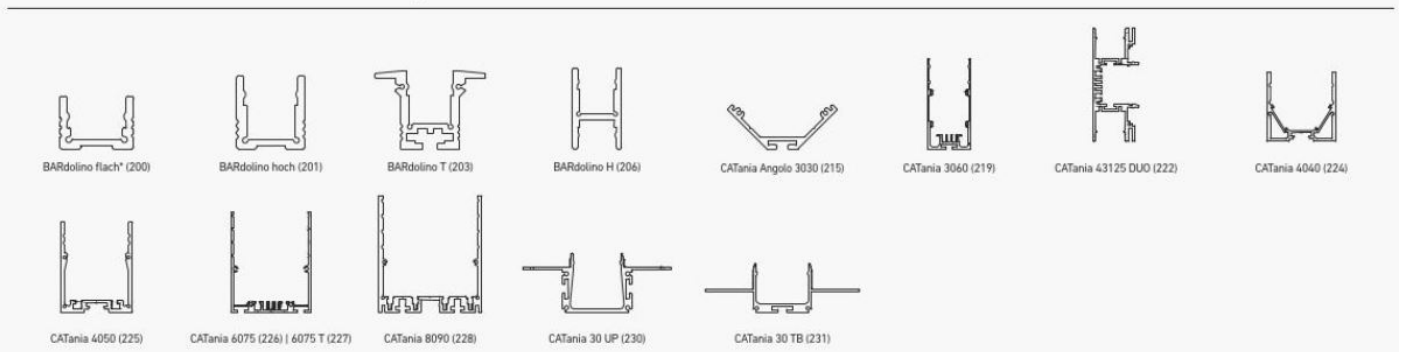
TECHNICAL DRAWING



PROFILNUTZUNG MIT SICHTBAREN LICHTPUNKTEN | PROFILE USE WITH VISIBLE LIGHT POINTS



PROFILNUTZUNG MIT HOMOGEMEM LICHT | PROFILE USE WITH HOMOGENEOUS LIGHTING



* = eine homogene Lichtlinie ist nur in Kombination mit einer hohen Abdeckung möglich | a uniform light line is only possible in combination with a high diffuser
** = nur in Kombination mit rechteckiger Abdeckung | only in combination with rectangular diffuser

@ max. Ta = 25 °C im Betrieb und Montagesituation Aufbau [Einbau bei CATania 30 UP und CATania 30 TB] ansonsten ggf. unzureichende Kühlung |
@ max. Ta = 25 °C in operation and surface mounted installation [recessed installation with CATania 30 UP and CATania 30 TB] otherwise possibility of insufficient cooling

Bitte beachten: Unzureichende Kühlung beschädigt den LED-Streifen! Verarbeitungshinweise zu LEDlight flex siehe www.barthelme.de | Please note: insufficient cooling will damage the LED strips! Processing notes for LEDlight flex see www.barthelme.de

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.

Never glue the LED strip over a profile joint! Due to physical expansion or contraction of the profile due to temperature fluctuations, the LED strip can be damaged. This can be remedied by using the right parts for the solder pads at the joint and by using flexible connections, e.g. soldered flexible wire bridges or LED strip connectors.

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.