

# LEDlight flex 08 10 STANDARD 3000

Reel 20 m

- length 2000 cm
- LED strips for simple applications
- ideal for use in living areas
- Colour rendering: CRI Ra typ. 90
- Efficiency: up to 109 lm/W at 4000 K
- Long service life L70 > 60,000 h at Tc < 80 °C
- Current control by IC for constant brightness over the entire light line
- with TVS surge protection diode and high-quality 3M double-sided adhesive tape



\*Abbildung ähnlich

Please note the maximal feed length of the LED strip.

## PHOTOMETRIC DATA

	50412928	50412933	50412934
Typ. color temperature	2700 K	3000 K	4000 K
Light color	warm white	white	cold white
Typ. luminous flux per meter	2800 lm/m	2940 lm/m	3120 lm/m
Efficiency	97 lm/W	102 lm/W	109 lm/W
Energy efficiency class	A+		
Typ. color rendering index	90		
LED beam angle	120 °		
Lifetime L70	>60000 h		

## ELECTRICAL DATA

	50412928	50412933	50412934
Operating voltage	24 V DC		
Typ. operating current	24 A		
Typ. power	576 W		
Typ. power per meter	28,8 W/m		

## MECHANICAL DATA

	50412928	50412933	50412934
Length stripe	20000 mm		
Width stripe	10 mm		
Height stripe	1,4 mm		
Number of LEDs per cut	6		
Number of cuts	400		
Length per cut	50 mm		
Type of protection	IP 00		
	50012828	50012833	50012834

ORDER YOUR DESIRED INDIVIDUAL STRIP LENGTH [CUT]: The order quantity is a multiple of the smallest cutting length of the LED strip (cut). Ordering example: To order your required length of 210 cm of LEDlight flex High Efficiency 08 8 cool white (4000 K): 35x Art.-No. 50008634 (cut length 60 mm x 35 = 210 cm). If you re-quire varying strip lengths then please order each strip length as a separate position.

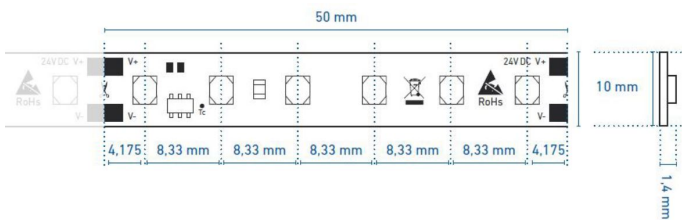
## GENERAL DATA

	50412928	50412933	50412934
Max. operable length <sup>1</sup>		3600 mm	
Storage temperature		-30° C ~ +80° C	
Max. temperature Tc <sup>2</sup>		80 ° C	

<sup>1</sup>The 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. At [www.barthelme.de](http://www.barthelme.de) you will find an overview table for orientation.

<sup>2</sup>The Tc point is marked on each cut. This should be measured in the thermally stable state.

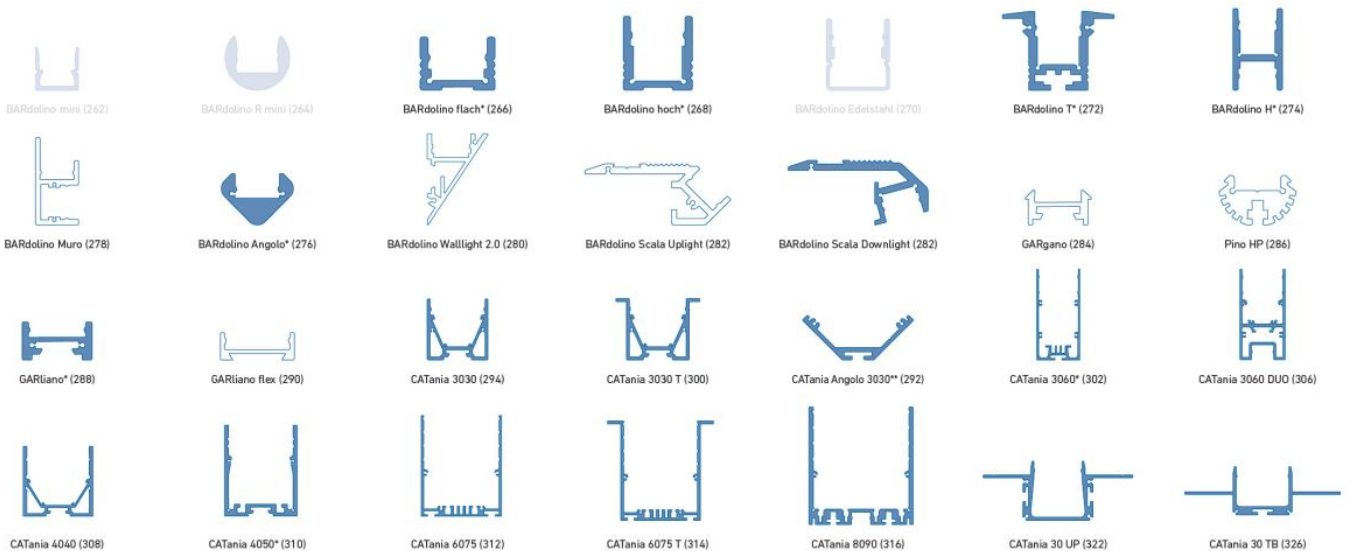
## TECHNICAL DRAWING



## NOTE FOR INSTALLATION IN PROFILES

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.

## USE IN PROFILES



weiß: LED-Punkte sichtbar, kein homogenes Lichtbild | white: LED dots visible, no uniform light distribution  
 blau: homogenes Lichtbild möglich | blue: uniform light distribution is possible

\* = 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 halbrunder Abdeckung | only in combination with semi-circular 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! | Please note: insufficient cooling will damage the LED strips!

The guarantee period for the product is 5 years and begins on the day of shipment. Reference is the date of the delivery bill. The guarantee period may differ for accessories.