LEDlight flex 10 SIDE VIEW

- binned according to 3 Step MacAdam per light colour
- available in five white tones, from 2,300 K to 6,300 K
- 90° light emission angle to the LED strip
- ideal for extraordinary lighting effects, for example: curved counters, convex and concave surfaces etc.
- LED chips with efficient heat management and good light yield
- with reverse polarity diode
- with current limiter incl. temperature control, high amount of copper in FPC and 3M thermoconducting adhesive tape
- estimated lifetime L70 at Tc < 65 °C: > 30,000 h

Please observe the installation and safety instructions at https://www.barthelme.de/content/en/manuals.aspx !

PHOTOMETRIC DATA

	50300516	50300525	50300526	50300528	50300529
Typ. color temperature	6300 K	4500 K	3300 K	2600 K	2300 K
Light color	daylight	cold white	white	warm white	super warm white
Typ. luminous flux per meter	340 lm/m				
Efficiency	42 lm/W				
Number of cuts	48				
Typ. color rendering index	80	75	70	65	60
LED beam angle	120 °				
Lifetime L70	>30000 h				

ELECTRICAL DATA

	50300529	50300528	50300526	50300525	50300516
Operating voltage	24 V DC				
Typ. operating current	1000 mA				
Typ. power	24 W				
Typ. power per meter	8 W/m				

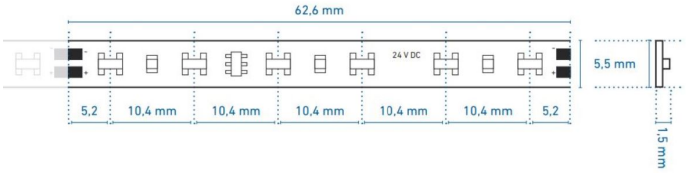
MECHANICAL DATA

	50300516	50300525	50300526	50300528	50300529
Length stripe	3000 mm				
Width stripe	5,5 mm				
Height stripe	1,5 mm				
Number of LEDs per cut	6				
Number of LEDs per metre	96				
Number of cuts	48				
Length per cut	62,5 mm				
Type of protection	IP 00				
Bending radius	20 mm				

FURTHER DATA

	50300529	50300528	50300526	50300525	50300516
Max. operable length[1]	4250 mm				
Max. temperature Tc[2]	65 ° C				

TECHNICAL DRAWING



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 L90/B10 value. This means that the installed LEDs of a given type retain at least 90% of their luminous efficiency and a maximum of 10% of the installed LEDs can deviate from this. 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 5 years and begins on the day of shipment. Reference is the date of the delivery bill. The guarantee period may differ for accessories.

DISPOSAL

Please help to avoid waste. Should you ever wish to part with this item, please remember that many of its components are made of valuable raw materials and can be recycled. Therefore, please do not dispose of it in the dustbin, but please take it to your collection point for electrical appliances. Thank you for your cooperation!