

LEDlight flex 15 8p CONTROLLED WHITE 4000

- LED stripes with adjustable color temperature from 2700 K to 5700 K
- ideal for realizing Human Centric Lighting (HCL) projects
- excellent color rendering: CRI Ra typ. 94, R9 > 50
- good efficiency: up to 107 lm/W
- long operating life L80 > 60,000 h at Tc < 80 °C
- current regulation by IC for constant brightness over the entire light line with integrated overheating protection
- with reverse polarity protection diode and TVS surge protection diode
- with high-quality 3M double adhesive tape



*Abbildung ähnlich

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

PHOTOMETRIC DATA

	50410230
Typ. color temperature	2700 K-5700 K
Light color	controlled white
Typ. luminous flux per meter	3700 lm/m
Efficiency	107 lm/W
Energy efficiency class	A+
Typ. color rendering index	94
LED beam angle	120 °
Lifetime L80	>60.000 h

ELECTRICAL DATA

	50410230
Operating voltage	24 V DC
Typ. power per meter	34,6 W/m

MECHANICAL DATA

	50410230
Length stripe	5040 mm
Width stripe	8 mm
Height stripe	1,4 mm
Number of LEDs per cut	12
Number of cuts	56
Length per cut	90 mm
Type of protection	IP 00
	50010230
Cut	Cut Länge 90 mm

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.

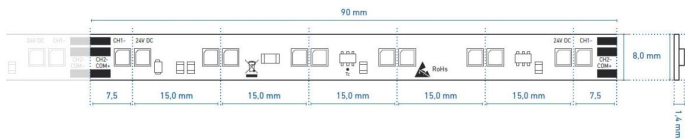
FURTHER DATA

	50410230
Max. operable length¹	5580 mm
Storage temperature	-30° C ~ +80° C
Max. temperature Tc²	80 ° C

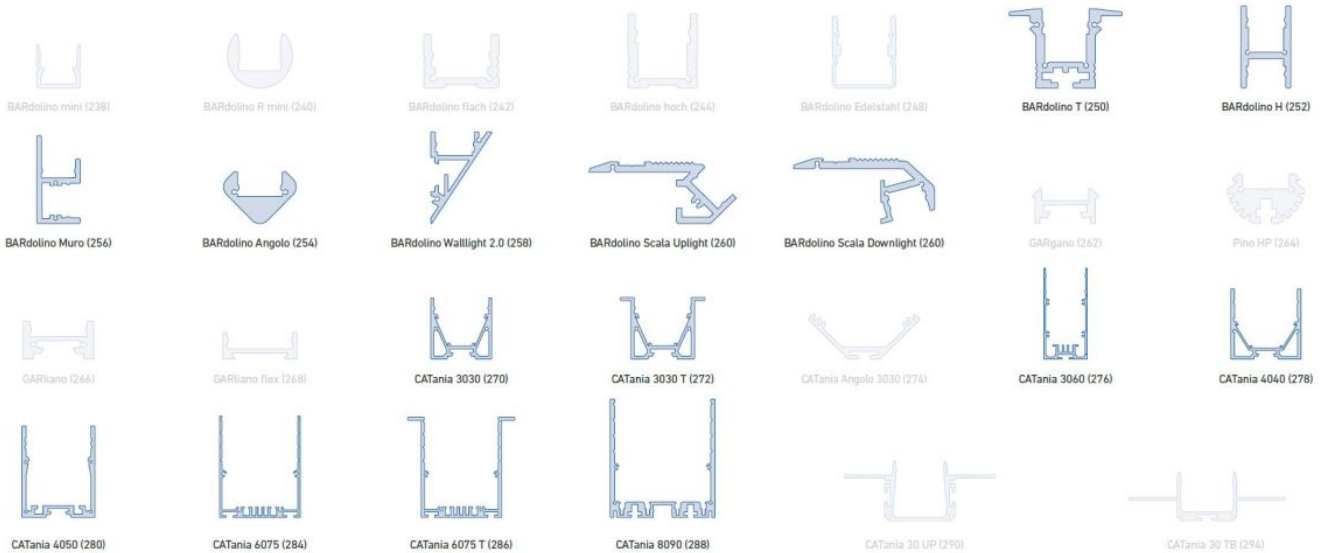
¹The value given applies to the application of the rated voltage at the first module section. When using a supply line, the maximum operable length changes depending on the supply line length and its cross section. At www.barthelme.de you will find an overview table for orientation.

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

TECHNICAL DRAWING



USE IN PROFILES



@ max. Ta = 25 °C im Betrieb und Montagesituation Aufbau [Einbau bei CATania Unterputz- und Trockenbauprofil] 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 S. 352 | Please note: insufficient cooling will damage the LED strips! Processing notes for LEDlight flex see p. 352