

# LEDlight flex 15 8p TUNABLE WHITE 2000

- LED stripes with adjustable color temperature 2700 K to 5700 K
- ideal for realizing Human Centric Lighting (HCL) projects
- excellent color rendering: CRI Ra typ. 94, R9 > 50
- long operating life L90/B10 > 60,000 h at Tc < 80 °C
- current regulation by IC for constant brightness over the entire light line
- with reverse polarity protection 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> !

Note re light sources/EPREL: Our LED reels are not subject to classification according to the currently valid regulations. An LED reel contains interconnected light sources, the number and energy efficiency class of which are listed in the data sheet.

## PHOTOMETRIC DATA



	50410130
Typ. color temperature	2700 K~5700 K
Light color	warm white~daylight
Typ. luminous flux per meter	2024 lm/m
Efficiency	117 lm/W
Built-in light source	C50010130
Number of light sources	56
EEC of built-in light source	F
Typ. color rendering index	94
LED beam angle	120 °
Lifetime L90/B10	>60.000 h

## ELECTRICAL DATA

	50410130
Operating voltage	24 V DC
Typ. operating current	3,6 A
Typ. power	87 W
Typ. power per meter	17,3 W/m

## MECHANICAL DATA

	50410130
Length stripe	5040 mm
Width stripe	8 mm
Height stripe	1,4 mm
Number of LEDs per cut	12
Number of LEDs per metre	133
Number of cuts	56
Length per cut	90 mm
Type of protection	IP 00
Bending radius	20
Länge Anschlusskabel	500 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.

	<b>50410130</b>
<b>Max. operable length<sup>1</sup></b>	8730 mm
<b>Storage temperature</b>	-30° C ~ +80° C
<b>Max. temperature Tc<sup>2</sup></b>	80 ° C

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

BARDolino R mini (199)

BARDolino MIDI Flach (200)

BARDolino MIDI T (200)

BARDolino MIDI Angolo (200)

BARDolino DUO (204)

BARDolino Muro (208)

BARDolino Walllight 2.0 (209)

BARDolino Scala Downlight (210)

GARigano (211)

Pino HP (212)

GARigano flex (214)

BARDolino flach\* (200)    BARDolino hoch (201)    BARDolino Edelstahl (202)    BARDolino T (203)    BARDolino H (206)    BARDolino Angolo\* (207)    GARIano\* (213)    CATania 3030 (216) | 3030 T (218)

CATania Angolo 3030 (215)    CATania 3060 (219)    CATania 3060 DUO (221)    CATania 43125 DUO (222)    CATania 4040 (224)    CATania 4050 (225)    CATania 6075 (226) | 6075 T (227)    CATania 8090 (228)

CATania 30 UP (230)    CATania 30 TB (231)

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

## ENTSORGUNG

Bitte helfen Sie mit, Abfall zu vermeiden. Sollten Sie sich einmal von diesem Artikel trennen wollen, so bedenken Sie bitte, dass viele seiner Komponenten aus wertvollen Rohstoffen bestehen und wiederverwertet werden können. Entsorgen Sie ihn daher nicht in der Mülltonne, sondern führen Sie ihn bitte Ihrer Sammelstelle für Elektrogeräte zu. Vielen Dank für Ihre Mithilfe!

