

LED STRIP BASIC Tunable White

- easy installation due to double-sided adhesive tape on the rear
- can be cut at marked points
- wide color range selectable
- ideal for realization of HCL projects



PHOTOMETRIC DATA

24 VDC	19.2 W/m	PITCH 7	120°	400 cm max
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	51541330
Typ. colour temperature ±15%	2700 K~6000 K
Typ. luminous flux per meter	1385 lm/m
Efficiency	72 lm/W
Item number light source(s)	LQ51541330
Anzahl der Lichtquelle(n)	100
EEC of installed light source(s)	G
Typ. color rendering index	>90
LED beam angle	120 °
Lifetime L70	30000 h

ELECTRICAL DATA

	51541330
Operating voltage	24 V DC
Typ. operating current	4 A
Typ. power	96 W
Typ. power per meter	19.2 W/m

MECHANICAL DATA

	51541330
Length stripe	5000 mm
Width stripe	10 mm
Height stripe	2 mm
Number of LEDs per cut	14
Number of LEDs per metre	140
Number of cuts	100
Length per cut	50 mm
Type of protection	IP 00
Bending radius	30 mm
Length connector cable	150 mm

FURTHER DATA

	51541330
Max. operable length ¹	4000 mm

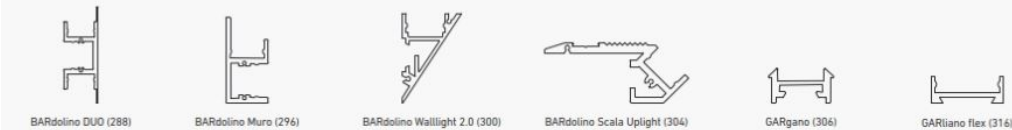
¹The value given applies to the application of the rated voltage at the first module section. When using a supply line, the maximum operable length changes depending on the supply line length and its cross section.

The LED strip can be operated up to 5 m, but a visible loss of brightness is possible.

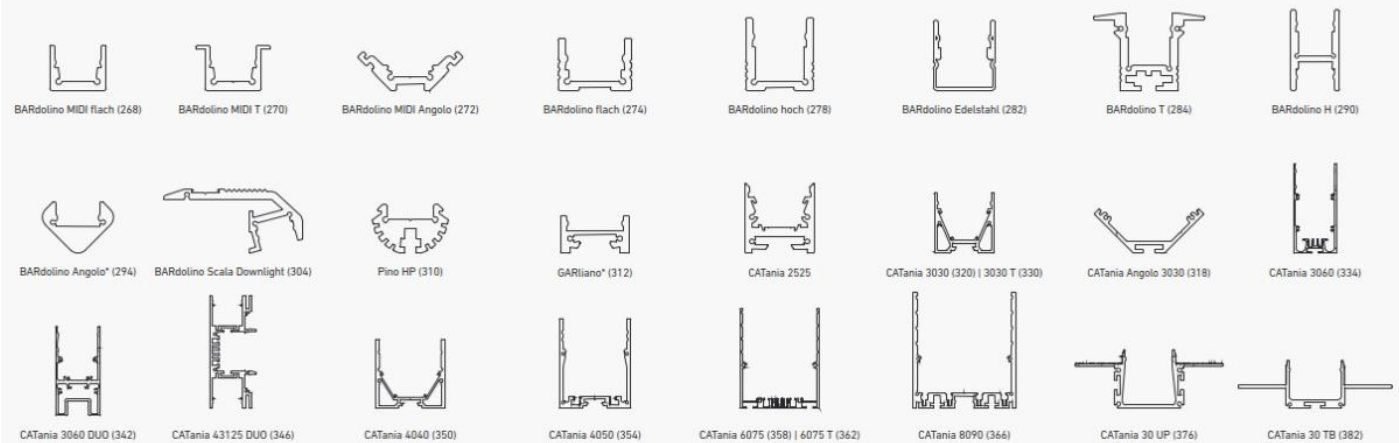
TECHNICAL DRAWING



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 adhesion of our LEDlight flex strips to the profiles we offer and their different surfaces has been tested and can be ensured if the processing instructions are followed. If there are adhesion problems between LED strips and aluminum profiles, we recommend pre-treatment with the adhesion promoter "3M™ Tape Primer 94".

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.

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!

