

Bendable IP65 LED Strip 500cm - 14.4W/m – powered by SMD2835

- Length: 500 cm (per roll)
- Foldable and bendable LED strip splashproof series
- NPU Nano Technology to IP65
- ideal for use in coves
- good color rendering: CRI Ra typ. 80
- good efficiency: up to 100 lm/W at 6000 K
- long operating life L70 > 36,000 h at Tc < 80 °C
- with high-quality 3M double adhesive tape



Please observe the installation and safety instructions at https://www.hiline-lighting.co.uk/gb/index.php?controller=attachment&id_attachment=114 !

PHOTOMETRIC DATA

	HL-BLS2835HB-60WW-NPU-24V	HL-BLS2835HB-60NW-NPU-24V	HL-BLS2835HB-60CW-NPU-24V
Typ. colour temperature	2700 K	4000 K	6000 K
Light colour	Warm White	Warm White	Cool White
Typ. luminous flux per meter	1320 lm/m	1380 lm/m	1440 lm/m
Efficiency	92 lm/w	96 lm/w	100 lm/w
Energy efficiency class		A++	
Typ. colour rendering index		80	
LED beam angle		120 °	
Lifetime L70		>36000 h	

ELECTRICAL DATA

	HL-BLS2835HB-60WW-NPU-24V	HL-BLS2835HB-60NW-NPU-24V	HL-BLS2835HB-60CW-NPU-24V
Operating voltage	24 V DC		
Typ. power per meter	14.4 W/m		

MECHANICAL DATA

	HL-BLS2835HB-60WW-NPU-24V	HL-BLS2835HB-60NW-NPU-24V	HL-BLS2835HB-60CW-NPU-24V
Length stripe	5000 mm		
Width stripe	8 mm		
Height stripe	1.4 mm		
Number of LEDs per cut	6		
Number of cuts	50		
Length per cut	100 mm		
Type of protection	IP 65		

	HL-BLS2835HB-60WW-NPU-24V	HL-BLS2835HB-60NW-NPU-24V	HL-BLS2835HB-60CW-NPU-24V
Cut	Cut Length 100 mm, 2700K	Cut Length 100 mm, 4000K	Cut Length 100 mm, 6000K

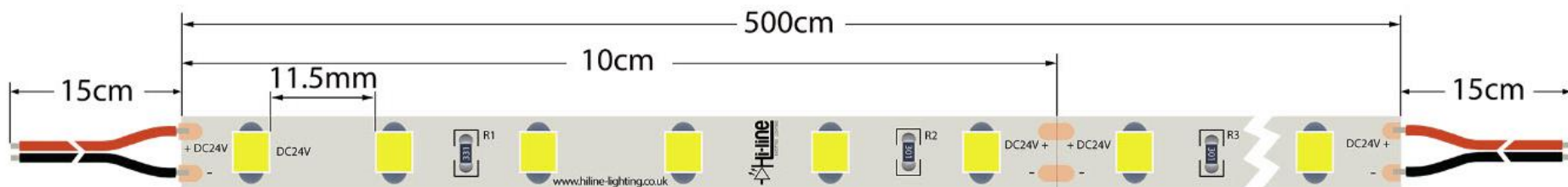
FURTHER DATA

	HL-BLS2835HB-60WW-NPU-24V	HL-BLS2835HB-60NW-NPU-24V	HL-BLS2835HB-60CW-NPU-24V
Max. operable length¹	10000 mm		
Storage temperature	-30° C ~ +80° C		
Max. temperature Tc²	80° C		

1. The value given applies to the application of rated voltage at the first module section. When using a supply line, the maximum operable length changes depending on the supply line's length and its cross section. At www.hiline-lighting.co.uk you will find an orientation and calculations for voltage drop.

2. Tc=Case temperature at Tc point. This should be measured in a thermally stable state.

TECHNICAL DRAWING



Certificates and Standards CE & RoHS

LVD Directive 2014/35/EU
EMC Directive 2004/108/EC
RoHS Directive 2011/65/EU
RTTE Directive 99/5/EC

The following harmonized standards were applied:

EN60598-1:2008+A11:2009, EN60598-2-20:2010+AC:2010
EN55015:2013, EN61547:2009, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010
EN1122:2001, EPA3050B, EPA3052, EPA3540C, EPA3060A
IEC62321:2013

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