

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

- Length 500 cm
- LED strips for common applications
- ideal for use in small areas and vehicles
- good colour rendering: CRI Ra typ. 80
- good efficiency: up to 96 lm/W at 4700 K
- long operating life L70 > 36,000 h at Tc < 80 °C
- current regulation by IC for constant brightness over the entire light line with integrated overheating protection
- with TVS surge protection diode
- 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-LS2835HB-60WW-IP65-12V	HL-LS2835HB-60WW-IP00-12V	HL-LS2835HB-60NW-IP65-12V	HL-LS2835HB-60NW-IP00-12V
Typ. colour temperature	3000 K	2700 K	4700 K	4100K
Light colour	Warm White	Warm White	Natural White	Natural White
Typ. luminous flux per meter	1260 lm/m	1260 lm/m	1320 lm/m	1380 lm/m
Efficiency	88 lm/w	88 lm/w	92 lm/w	96 lm/w
Energy efficiency class	A++			
Typ. colour rendering index	80			
LED beam angle	120 °			
Lifetime L70	>36000 h			

ELECTRICAL DATA

	HL-LS2835HB-60WW-IP65-12V	HL-LS2835HB-60WW-IP00-12V	HL-LS2835HB-60NW-IP65-12V	HL-LS2835HB-60NW-IP00-12V
Operating voltage	12V - DC			
Typ. power per meter	14.4 W/m			

MECHANICAL DATA

	HL-LS2835HB-60WW-IP65-12V	HL-LS2835HB-60WW-IP00-12V	HL-LS2835HB-60NW-IP65-12V	HL-LS2835HB-60NW-IP00-12V
Length stripe	5000 mm			
Width stripe	8 mm			
Height stripe	1.4 mm			
Number of LEDs per cut	3			
Number of cuts	50			
Length per cut	50 mm			
Type of protection	IP00 / IP65			

	HL-LS2835HB-60WW-IP65-12V	HL-LS2835HB-60WW-IP00-12V	HL-LS2835HB-60NW-IP65-12V	HL-LS2835HB-60NW-IP00-12V
Cut	One section 50mm 3000K	One section 50mm 2700K	One section 50mm 4700K	One section 50mm 4100K

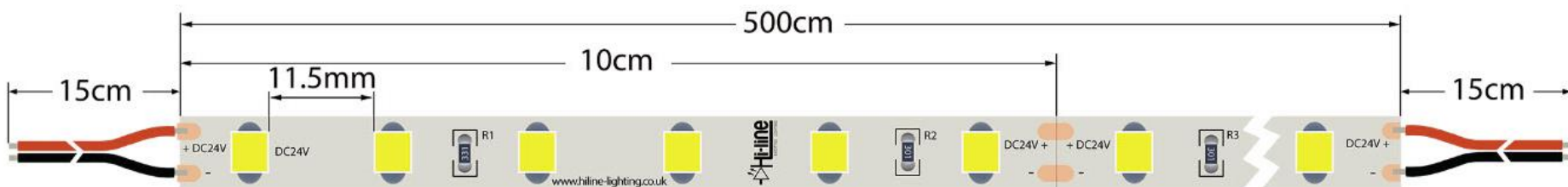
FURTHER DATA

	HL-LS2835HB-60WW-IP65-12V	HL-LS2835HB-60WW-IP00-12V	HL-LS2835HB-60NW-IP65-12V	HL-LS2835HB-60NW-IP00-12V
Max. operable length¹	10000 mm			
Storage temperature	-30° C ~ +80° C			
Max. temperature Tc²	80° C			

¹The 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 length and its cross section. At "www.hiline-lighting.co.uk" you will find an overview for orientation and calculation for volt drop.

²Tc=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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