

IP00 LED Strip Light 500cm – 14.4W/m – powered by SMD2835

- Length 500 cm
- LED strips for common applications
- ideal for use in living areas
- Excellent colour rendering: CRI Ra typ. 90
- good efficiency: up to 118 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-LS2835HA-3K60WW-IP00-24V	HL-LS2835HA-60EWW-IP00-24V	HL-LS2835HA-60WW-IP00-24V	HL-LS2835HA-60NW-IP00-24V	HL-LS2835HA-60CW-IP00-24V
Typ. colour temperature	3000 K	2300 K	2700 K	4000K	6000K
Light colour	Warm White	Extra Warm White	Warm White	Cool White	Cool White
Typ. luminous flux per meter	1320-1440 lm/m	1320-1440 lm/m	1320-1440 lm/m	1320-1440 lm/m	1320-1440 lm/m
Efficiency	92 - 100 lm/w	92 - 100 lm/w	92 - 100 lm/w	92 - 100 lm/w	92 - 100 im/w
Energy efficiency class	A++				
Typ. colour rendering index	90				
LED beam angle	120 °				
Lifetime L70	>36000 h				

ELECTRICAL DATA

	HL-LS2835HA-3K60WW- IP00-24V	HL-LS2835HA-60EWW- IP00-24V	HL-LS2835HA-60WW- IP00-24V	HL-LS2835HA-60NW- IP00-24V	HL-LS2835HA-60CW- IP00-24V
Operating voltage	24V - DC				
Typ. power per meter	14.4 W/m				

MECHANICAL DATA

	HL-LS2835HA-3K60WW- IP00-24V	HL-LS2835HA-60EWW- IP00-24V	HL-LS2835HA-60WW- IP00-24V	HL-LS2835HA-60NW- IP00-24V	HL-LS2835HA-60CW- IP00-24V
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 00				

	HL-LS2835HA-3K60WW- IP00-24V	HL-LS2835HA-60EWW- IP00-24V	HL-LS2835HA-60WW- IP00-24V	HL-LS2835HA-60NW- IP00-24V	HL-LS2835HA-60CW- IP00-24V
Cut	One section 100mm 3000K	One section 100mm 2300K	One section 100mm 2700K	One section 100mm 4000K	One section 100mm 6000K

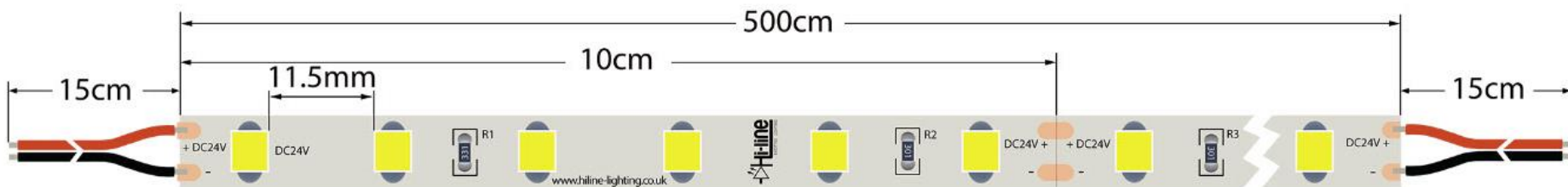
FURTHER DATA

	HL-LS2835HA-3K60WW-IP00-24V	HL-LS2835HA-60EWW-IP00-24V	HL-LS2835HA-60WW-IP00-24V	HL-LS2835HA-60NW-IP00-24V	HL-LS2835HA-60CW-IP00-24V
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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