

High Efficiency LED Strip – 14.4W/m – powered by SMD2835 160lm/w

- Standard Length: 5m per roll
- Energy Saving LED strips for high brightness applications
- Ideal for use in living/work spaces that require high brightness
- Good color rendering: CRI Ra typ. >80
- Excellent efficiency: 160 lm/w @ 2300 Lm/m
- Long operating life L70 > 36,000 h at Tc < 80 °C
- 24 Volts constant voltage DC input
- With high-quality 3M double adhesive tape



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

PHOTOMETRIC DATA

	HL-LS2835HEB-96WW-IP00-24V	HL-LS2835HEB-3K96WW-IP00-24V	HL-LS2835HEB-96NW-IP00-24V	HL-LS2835HEB-96CW-IP00-24V
Typ. colour temperature (CCT)	2700 K	3000 K	4000 K	6000 K
Light colour	Warm White	Warm White	Natural White	Cool White
Typ. luminous flux per meter	2276 lm/m	2286 lm/m	2296 lm/m	2304 lm/m
Efficiency	158 lm/w	159 lm/w	160 lm/w	160 lm/w
Energy efficiency class	A++			
Typ. colour rendering index	80			
LED beam angle	120 °			
Lifetime L70	>36000 h			

ELECTRICAL DATA

	HL-LS2835HEB-3K96WW-IP00-24V	HL-LS2835HEB-96WW-IP00-24V	HL-LS2835HEB-96NW-IP00-24V	HL-LS2835HEB-96CW-IP00-24V
Operating voltage	24V - DC			
Typ. power consumption per meter	14.4 W/m			

MECHANICAL DATA

	HL-LS2835HEB-3K96WW-IP00-24V	HL-LS2835HEB-96WW-IP00-24V	HL-LS2835HEB-96NW-IP00-24V	HL-LS2835HEB-96CW-IP00-24V
Length of strip (per roll)	5000 mm			
Width of strip	10 mm			
Height of strip	1.4 mm			
Number of LEDs per cut	8			
Number of cuts	N/A			
Length per cut	85 mm			
IP Rating	IP 00			

	HL-LS2835HEB-3K96WW-IP00-24V	HL-LS2835HEB-96WW-IP00-24V	HL-LS2835HEB-96NW-IP00-24V	HL-LS2835HEB-96CW-IP00-24V
Cut point	One section 85mm 3000 k	One section 85mm 2700 K	One section 85mm 4000 K	One section 85mm 6000 K

FURTHER DATA

	HL-LS2835HEB-3K96WW-IP00-24V	HL-LS2835HEB-96WW-IP00-24V	HL-LS2835HEB-96NW-IP00-24V	HL-LS2835HEB-96CW-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

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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