

IP68 LED Strip Light 500cm – 14.4W/m – powered SMD5050

- Length 500 cm
- LED strips for common applications
- ideal for use outdoors, saunas and steam rooms
- good colour rendering: CRI Ra typ. 80
- good efficiency: up to 83 lm/W at 4000 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-24VRGBNW-IP68-PU
Typ. colour temperature	RGB + 4000 K
Light colour	Natural White
Typ. luminous flux per meter	1200 lm/m
Efficiency	83 lm/w
Energy efficiency class	A++
Typ. colour rendering index	80
LED beam angle	120 °
Lifetime L70	>36000 h

ELECTRICAL DATA

	HL-24VRGBNW-IP68-PU
Operating voltage	24V – DC
Typ. power per meter	14.4 W/m

MECHANICAL DATA

	HL-24VRGBNW-IP68-PU
Length stripe	5000 mm
Width stripe	12 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 68

	HL-24VRGBNW-IP68-PU
Cut	One section 100mm

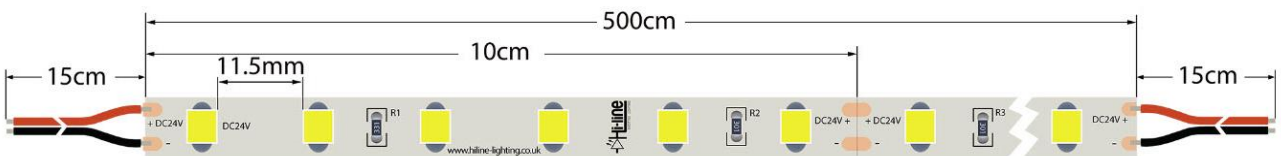
FURTHER DATA

	HL-24VRGBNW-IP68-PU
Max. operable length ¹	10000 mm
Storage temperature	-30° C ~ +80° C
Max. temperature Tc ²	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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