

High Density RGB LED Strip powered by SMD4040 – 28.8W 120 LED P/M

- Length 500 cm (5 metre)
- FCP – 3oz copper
- LED strips for common applications
- Ideal for use in living areas
- Vivid colours
- Good efficiency of 83 lm/w
- 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-LS4040-120RGB-IP00-24V	HL-LS4040-120RGB-IP00-12V
Typ. colour temperature	N/A	N/A
Light colour	R,G,B	R,G,B
Typ. luminous flux per meter	2400 lm/m	2400 lm/m
Efficiency	83 lm/w	83 lm/w
Energy efficiency class	A++	
Typ. colour rendering index	N/A	
LED beam angle	120 °	
Lifetime L70	>36000 h	

ELECTRICAL DATA

	HL-LS4040-120RGB-IP00-24V	HL-LS4040-120RGB-IP00-12V
Operating voltage	24V – DC	12V - DC
Typ. power per meter	28.8 W/m	

MECHANICAL DATA

	HL-LS4040-120RGB-IP00-24V	HL-LS4040-120RGB-IP00-12V
Length stripe	5000 mm	
Width stripe	8 mm	
Height stripe	1.4 mm	
Number of LEDs per cut	6	
Number of cuts	100	
Length per cut	50 mm	
Type of protection	IP 00	

	HL-LS4040-120RGB-IP00-24V	HL-LS4040-120RGB-IP00-12V
Cut	One section 50mm	One section 50mm

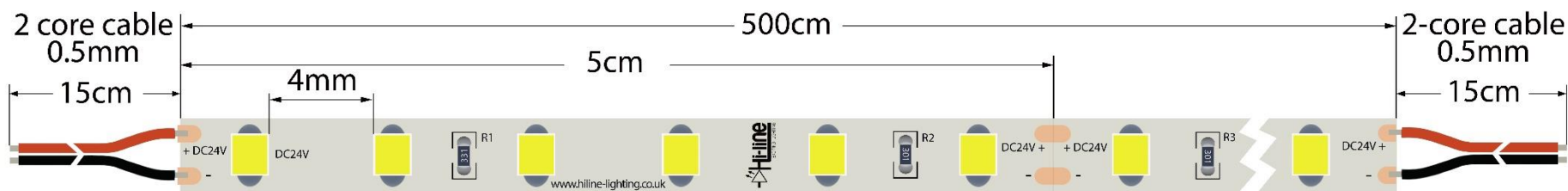
FURTHER DATA

	HL-LS4040-120RGB-IP00-24V	HL-LS4040-120RGB-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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