

# IP00 RGBW LED Strip 4in1 chip-SMD5050-2oz FCP-12mm-5m roll

- Length: 500 cm per roll, Quad Epistar LED chips
- LED strips for mood lighting and common applications
- when colour and white light is required in one location from one LED strip
- good colour rendering: CRI Ra typ. 80
- good efficiency: up to 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](https://www.hiline-lighting.co.uk/gb/index.php?controller=attachment&id_attachment=114) !

## PHOTOMETRIC DATA

	HL-24VRGBWW12-IP00	HL-24VRGBNW12-IP00	HL-24VRGBCW12-IP00
Typ. colour temperature	RGB + 2700 K	RGB + 4000 K	RGB + 6000 K
Light colour	Warm White	Natural White	Cool White
Typ. luminous flux per meter	1200 lm/m	1200 lm/m	1200 lm/m
Efficiency	83 lm/w	83 lm/w	83 lm/w
Energy efficiency class	A++		
Typ. colour rendering index	80		
LED beam angle	120 °		
Lifetime L70	>36000 h		

## ELECTRICAL DATA

	HL-24VRGBWW12-IP00	HL-24VRGBNW12-IP00	HL-24VRGBCW12-IP00
<b>Operating voltage</b>	24 V DC		
<b>Typ. power per meter</b>	14.4 W/m		

## MECHANICAL DATA

	HL-24VRGBWW12-IP00	HL-24VRGBNW12-IP00	HL-24VRGBCW12-IP00
<b>Length stripe</b>	5000 mm		
<b>Width stripe</b>	12 mm (2oz FCP)		
<b>Height stripe</b>	1.4 mm		
<b>Number of LEDs per cut</b>	6		
<b>Number of cuts</b>	50		
<b>Length per cut</b>	100 mm		
<b>Type of protection</b>	IP 00		

	HL-24VRGBWW12-IP00	HL-24VRGBNW12-IP00	HL-24VRGBCW12-IP00
<b>Cut</b>	Cut Length 100 mm RGB+2700K	Cut Length 100 mm RGB+4000K	Cut Length 100 mm RGB+6000K

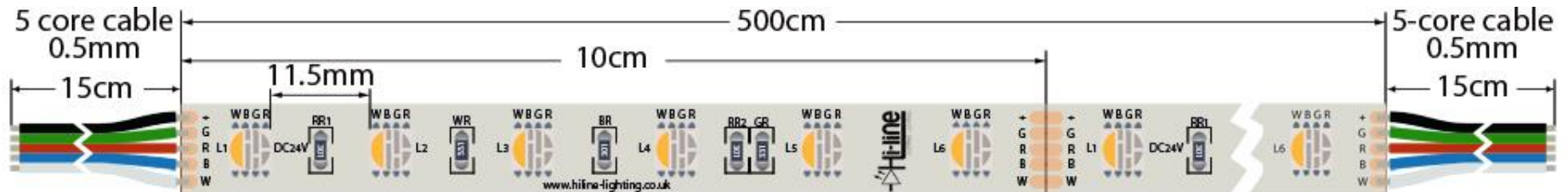
## FURTHER DATA

	HL-24VRGBWW12-IP00	HL-24VRGBNW12-IP00	HL-24VRGBCW12-IP00
<b>Max. operable length<sup>1</sup></b>		10000 mm	
<b>Storage temperature</b>		-30° C ~ +80° C	
<b>Max. temperature Tc<sup>2</sup></b>		80° C	

<sup>1</sup> The 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's length and its cross section. At [www.hiline-lighting.co.uk](http://www.hiline-lighting.co.uk) you will find orientation and calculations for voltage drop.

<sup>2</sup> Tc= Case temperature at Tc point. This should be measured in the 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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