

RGBW LED TAPE

Installation Guide



Stock code	Voltage	Power consumption	LEDs / metre	Luminous flux (Lumens per metre)
156.740UK	12Vdc	19.2W/m	60	600lm/m
156.741UK	12Vdc	9.6W/m	30	400lm/m

Common Specifications	
Beam angle	140°
LED type	SMD5050 RGBW
Light intensity per LED (millicandelas)	9000mcd
Reel length	5m
IP rating	IP65
Cross-section	12.5 x 3mm
Weight	237g

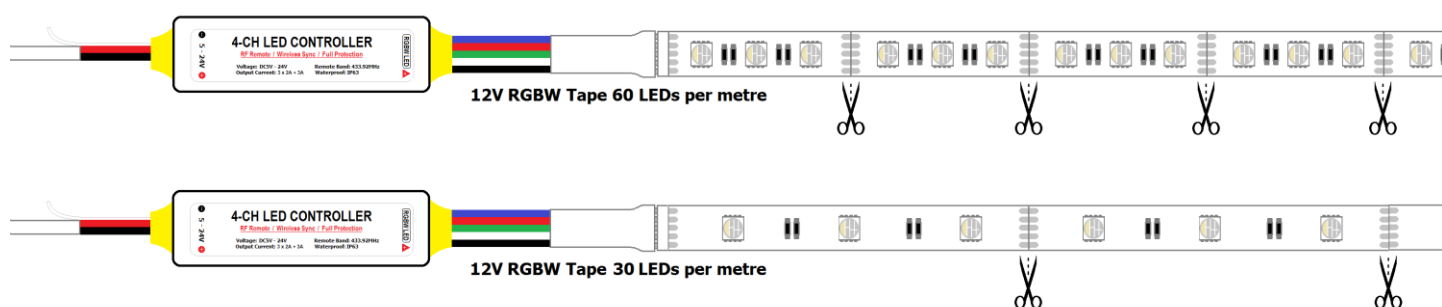
Recommended RGBW Controllers	
156.738UK	In-line RF RGBW LED Tape Master Controller
156.739UK	In-line RF RGBW LED Tape Slave Sync Controller

Caution: Please read this guide carefully before installing Lyyt LED tape
 Damage caused by incorrect application is not covered by the warranty

Lyyt RGBW LED tape is supplied on 5m reels and offers full colour mixing, including pastel colour shades. Installation should be carried out by competent electrical installers, observing the relevant electrical safety procedures.

Lyyt RGBW LED tape has a self-adhesive backing to allow it to be easily attached to a clean, non-porous surface.

Where less than 5m of tape is needed, there are solder points as shown below, where the tape may be cut to size. These cut points are at 5cm or 10cm intervals, depending upon the version, as shown below. In order to re-connect to another length of tape after cutting, strip away the epoxy coating at the solder points and solder a wire from V+, R, G, B and W to like points on the next length of tape. Some accessories are supplied with the tape reel for this purpose. In order to retain weather-proofing, it is advised to seal the cuts and joints with silicone glue.



Each 5m reel of RGBW LED tape is fitted with a 5-pin connector for power input from an RGBW controller. Ensure that the V+, R, G, B and W pins are connected the correct way round.

It is imperative that the power supply and controller should have higher than the rated capacity in Amps (A) for the current required to power the length(s) of LED tape installed. Please see the table below for reference.

Tape length	5m	10m	15m	20m	25m	30m	35m	40m
RGBW 12V tape 60 LED/m	8A	16A	24A	32A	40A	48A	56A	64A
RGBW 12V tape 30 LED/m	4A	8A	12A	16A	20A	24A	28A	32A

Please visit www.avsl.com to select from our range of 12Vdc power supplies and RGBW controllers that are suitable for powering Lyyt RGBW LED tapes.



Disposal: The "Crossed Wheelie Bin" symbol on the product means that the product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

*Errors and omissions excepted.
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