

12Vdc/24Vdc Single Colour LED Tape

User Manual



Item Ref.	Description	Luminous Flux	Light Intensity per LED milicandelas
156.704UK	12V LED Tape 5m - UV 60/m	540lm/m	5000mcd
156.705UK	12V LED Tape 5m - Red	60lm/m	600mcd
156.711UK	12V LED Tape 5m - Blue	30lm/m	500mcd
156.712UK	12V LED Tape 5m - Natural Wht	720lm/m	3996mcd
156.714UK	12V LED Tape 5m - Amber	45lm/m	600mcd
156.715UK	12V LED Tape 5m - Cool White	720lm/m	3996mcd
156.716UK	12V LED Tape 5m - Warm White	720lm/m	3996mcd
156.755UK	24V LED Tape 5m - Red	60lm/m	600mcd
156.761UK	24V LED Tape 5m - Blue	30lm/m	500mcd
156.764UK	24V LED Tape 5m - Amber	45lm/m	600mcd
156.766UK	24V LED Tape 5m - Warm White	720lm/m	3996mcd

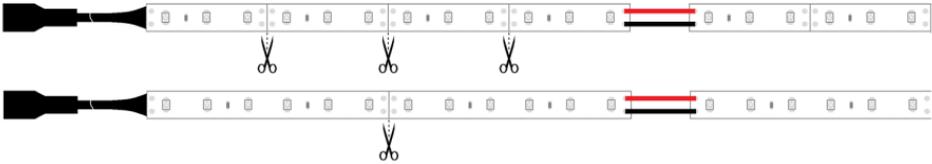
Common Specifications

Number of LEDs	60/m
Beam angle	140°
Cut intervals	5cm
Reel length	5m
LED type	Epistar™ SMD3528
LED spacing	16mm
IP rating	IP65
Power consumption / metre	4.8W
Cross-section	10.5 x 2.55mm
Weight	210g

Lyyt single colour LED tape is supplied on 5m reels in either 12Vdc or 24Vdc voltages. Installation should be carried out by competent electrical installers, observing the relevant electrical safety procedures.

This 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 will be at 5cm intervals for 12V tape and 10cm intervals for 24V tape. To re-connect to another length of tape after cutting, strip away the epoxy coating at the solder points and solder a wire from “+” to “+” and a wire from “-” to “-” as shown below. 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 single colour LED tape is fitted with a 2.1mm DC jack socket for power input for easy connection to a power supply. This connector may be removed and stripped for bare wire connection if a 2.1mm jack is not fitted to the power supply.

If the power supply has enough capacity to power more than one reel, another reel can be connected to the end of the first reel via the 2.1mm DC jack plug.



It is imperative that the power supply 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
Current for 12V tape	2A	4A	6A	8A	10A	12A	14A	16A
Current for 24V tape	1A	2A	3A	4A	5A	6A	7A	8A

Please visit www.avsl.com to select from our range of 12Vdc and 24Vdc power supplies that are suitable for powering Lyyt LED tapes.



This 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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