



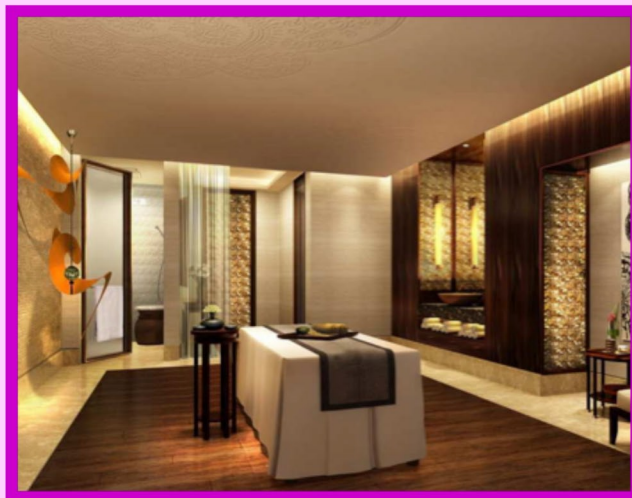
Top Tips: LED Strip Lighting

Ordering LED Strip can be a daunting task, with the large selection of products, outputs and all the various component parts required to ensure you create that 'show stopping' look for your venue. This guide has been put together to try and make the ordering process less of a challenge. However, we are here to help you navigate products to produce only the best lighting effects to meet your requirements.

LED Strip - all you need to know

Often referred to as ribbon or tape, LED strip is one of the most adaptable forms of lighting available. The strip is commonly a self-adhesive tape with LED chips mounted on the front face, with the circuitry contained between the adhesive and the protective cover.

The main benefits to using LED tape are its size and flexibility (between 6mm-12mm in width) meaning the tape can easily be hidden in locations that were previously inaccessible and corners can be managed with accessories, so there appears to be no breaks in the light.



Create amazing lighting effects!

LED strip is available in a wide variety of colours and intensities of light. It is also compatible with dimming and colour changing systems; this enables rooms that have multiple uses to be able to have the "wow" factor and then swap back to practical lighting when needed. This is an extra selling point for many venues, as it means the installation pays for itself very quickly.

Powering and Mounting LED strip

All LED strip requires a power supply or transformer if using low voltage tape. The power supplies are sized in watts, to match the length of the tape being installed and they are typically available in both dimmable and non-dimmable versions.

In addition, LED strip can be used with lighting controls and with some products they can be controlled via an App on any smart device.

When it comes to mounting LED Strip, we usually recommend an aluminium or PVC profile, as they provide a more robust and neater finish to the overall design. There are a wide range of mounting options available, but we will work with you to ensure all the right accessories are fully specified and quoted.





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Colour Options

There are a wide array of colour options available in LED strip, meaning there's lots of choice to get the best colour for the area being lit. Here are some of the more common types:

White Lighting - ranges from 2400k (very warm white) to 6000k (very cool white) and are typically available as standard set colours. However, 'tuneable white' is also available, offering switching between the 2 colour temperatures, allowing for full flexibility in the space.

RGB – Red Green Blue (RGB) chips can be combined to create a huge variety of colours - from super vibrant to pastel shades - and can create fantastic effects, allowing areas to have dynamic lighting.

RGBW – combines the above 2 options and allows for the ultimate colour combinations, giving full flexibility and creativity in lighting options.

Wattage – all LED strip is measured in watts per metre, so consumption can be measured for energy saving calculations (if changing from linear light sources) and also to ensure the right power supply is used.

You can read more about colour temperature by visiting the Information Guides section of our website:
www.thelightsolution.co.uk



TOP

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of using
LED Strip

Easy to
install

Energy
Efficient

Flexible
Lighting
Solution

Creative &
Dynamic
Designs

BENEFITS

To help us understand your lighting project, here's a list of questions to help us provide you with a quotation or, if you are an account holder, we can carry out a site visit.

- 1 Will the strip be used indoor or outdoor?
- 2 Is it to provide light or create an effect?
- 3 What kind of light do you require – white, tuneable white, coloured or specialist?
- 4 Where will the strip be mounted? (It would be great if you could provide a photo of the room/space)
- 5 What is the measurement of the area?
- 6 What is the distance from the end of the strip to the location of the power supply?

**Please contact us, using the details below,
to discuss any aspect of your lighting requirements.**



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