



## LED Coving & LED Lighting Strips



### Curved LED Coving (Single-Sided)

Once applied to your walls, allows = **1x LED Light Strip**  
LED Coving - Supplied in lengths of = **2M**  
Website Ref = **COVING-C**



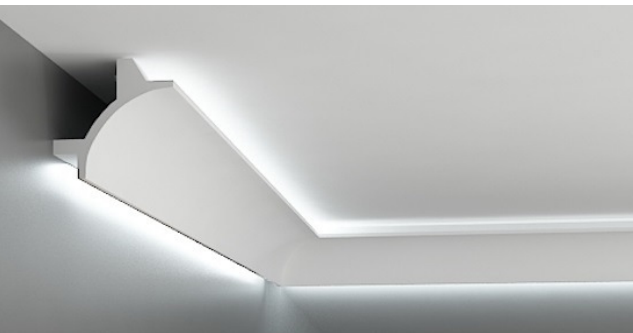
### Square LED Coving (Single-Sided)

Once applied to your walls, allows = **1x LED Light Strip**  
LED Coving - Supplied in lengths of = **2M**  
Website Ref = **COVING-S**



### Curved LED Coving (Twin-Sided)

Once applied to your walls, allows = **2x LED Light Strips**  
LED Coving - Supplied in lengths of = **2M**  
Website Ref = **COVING-T**



### LED Lighting Strips & LED Power Transformer

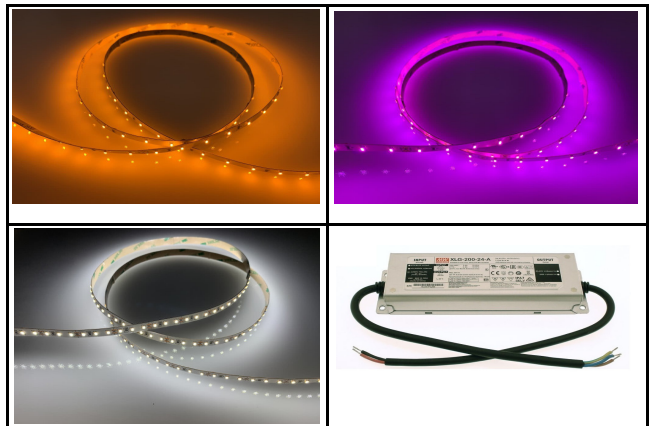




Image 1



Image 2

## Coving - Explanation:

LED Coving is supplied in 3x Formats = Curved (Single) + Square (Single) + Curved (Twin)  
Single meaning = allows 1x LED Strip to be attached - **(as shown in image 1)**  
Twin meaning = allows 2x LED Strips to be attached - **(as shown in image 2)**  
Here are several steps for attaching the coving to your walls.....

### Step 1 - Plan ahead before applying the LED Coving

LED Coving comes in the colour of 'White'

Are you happy with white? - or - plan to paint it before starting? - or - after applying?

Power supply - LED Lighting strips need a power source, plan ahead for the power sockets etc

The following instructions, is assuming you have the coving painted (or not) and the power sockets etc, are fitted

### Step 2 - Levelling your planned area

Let's assume you have a rectangle room and plan to fit LED Coving on all 4x walls  
Now you need to create a perfect level on your walls (below is 2x options),

#### Option 1 - Laser Leveller >>

*The best way to guarantee to gain a perfect level of all coving, is utilising a Laser Leveller*

**Operation 1** - Some 'Laser Levellers' are held to the wall by a magnet

*Magnet meaning, you add a metal plate to the wall then, attach the 'Laser Level'*

*Once applied, turn the laser on for a perfect all round laser beam*

**Operation 2** - Some 'Laser Levellers' are utilised with a telescopic tripod

*Set the telescopic tripod to the desired height*

*Once applied, turn the laser on for a perfect all round laser beam*

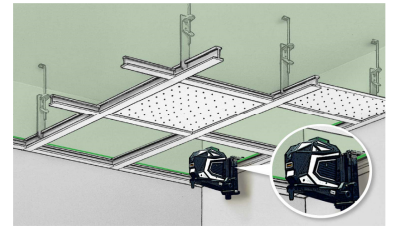
#### Option 2 - Spirit Level >>

*Another way is utilising a 'Spirit Level'*

*If opting for a spirit level, we would recommend utilising the longest version.*

*Start in 1x corner and work your way around the room, marking the levels with a marker*

*After saying that, where possible, a 'Laser Leveller' gives precis levels!*



### Step 3 - Bonding Coving to your walls

Our composite lighting profiles are incredibly easy to install.

Simply apply a gun adhesive to the back of the profile and push onto a clean surface.

As the profile is lightweight, it stays in position until set without support.

Mind you, clean off the squeezed-out adhesive as you apply each section of coving

### Step 4 - Cutting the Coving

If the Coving needs cutting, a chop saw or mitre block is useful.

Once cut, either straight - or - angled, decorators caulk can be used to finish joints

### Step 5 - LED Light Strips



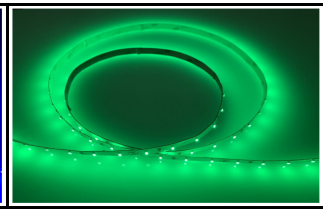
Recommended adhesives

Let's assume at this point, you have the LED Coving secured and painted, ready for LED Lighting Strips

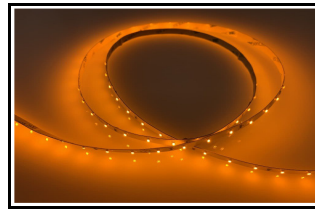
LED Lighting Strips:



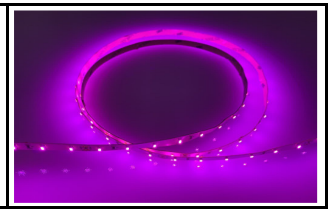
**BLUE - LED Light Strip**  
Website Ref = LED-COLOUR



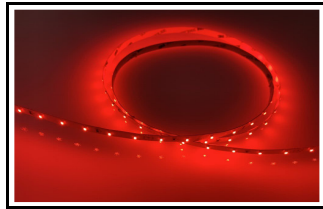
**GREEN - LED Light Strip**  
Website Ref = LED-COLOUR



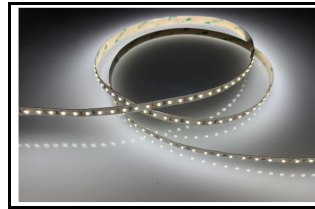
**ORANGE - LED Light Strip**  
Website Ref = LED-COLOUR



**PURPLE - LED Light Strip**  
Website Ref = LED-COLOUR



**RED - LED Light Strip**  
Website Ref = LED-COLOUR



**WHITE - LED Light Strip**  
Website Ref = LED-WHITE

### About the LED Strip

Microtech Flexible LED Strip Light IP65 With High Grade Epistar 3014 LEDs

Waterproof to IP65 rating using waterproof micro coating; almost invisible and highly effective

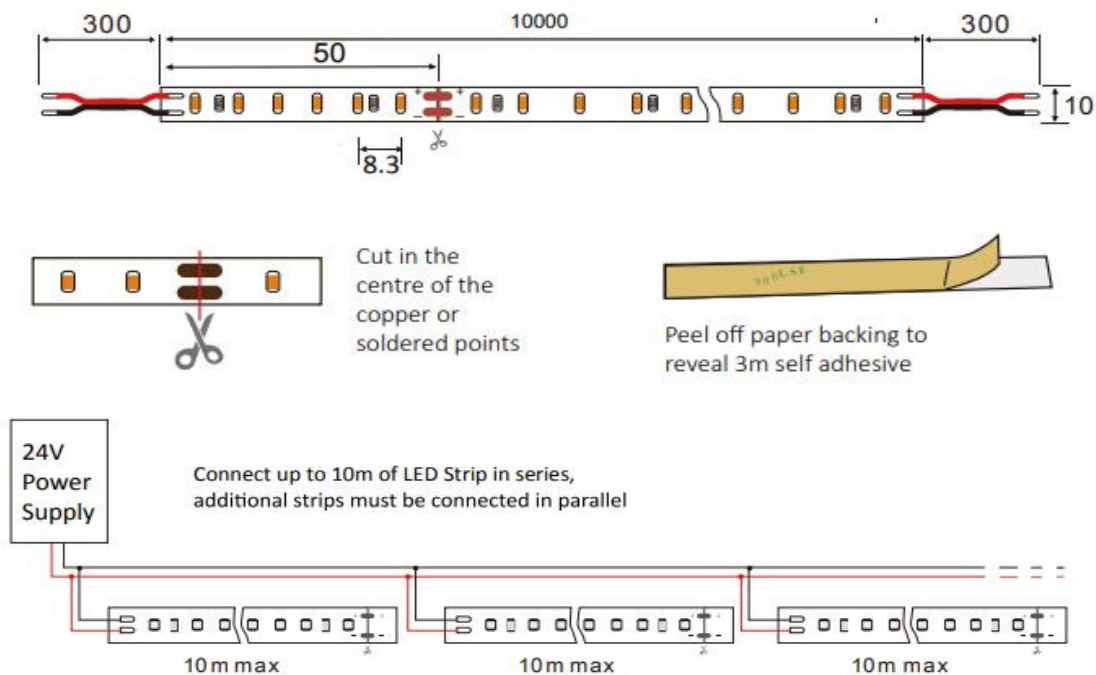
Fitted with '3M' self adhesive backing for a secure fit.

Supplied in several lengths = 1M + 2M + 3M + 4M + 5M + 6M + 7M + 8M + 9M + 10M

Power usage = 5 Watts per metre

We supply LED Strips in 6x colours - Blue + Green + Orange + Purple + Red and White

Below - reveals the simplicity of fitting / cutting/ applying the LED Strips



### Deciding on the desired wanted length?

This is really down to the length of your total order of coving

Let's assume you have added a 'Single LED Coving' to your walls and assume you have 50x Meters fitted

Then, you need to order 50x metres of LED Strips - best to order 5x 10M Lengths

Of course if you have 'Twin Coving' then order 10x 10M Lengths

### Step 6 - LED Power Transformers

Now we must cover the 'Power Transformers'

The 'Golden Rule' is - the LED Strip demands 5 Watts of Power, per 1M length  
 Also' - it is really wise to order a Power Transformer that has 25% of Power not utilised!  
 Why? - If you overpower the transformer it reduces its life-expectancy  
 Why? - Last thing you want is the LED's not working 100% - or - Over Heating



[Here is a table guide](#)

By the way - the lowest transformer that we supply is 60W  
 Table is assuming you are using 1x transformer for all LED Strips, and only 1x power transformer doing it all  
 Table is also assuming you are planning to 'Daisy-Chain' set-up

Transformer	1M requires 5W
60W - Transformer	Powers 12x 1M Lengths
100W Transformer	Powers 12x 1M Lengths
150W - Transformer	Powers 12x 1M Lengths
200W - Transformer	Powers 12x 1M Lengths
240W - Transformer	Powers 12x 1M Lengths
320W - Transformer	Powers 12x 1M Lengths
480W - Transformer	Powers 12x 1M Lengths

Allowing 25% buffer
Powers 9x 1M Lengths
Powers 15x 1M Lengths
Powers 22x 1M Lengths
Powers 30x 1M Lengths
Powers 36x 1M Lengths
Powers 48x 1M Lengths
Powers 72x 1M Lengths



Website Ref = **LED-TRANSFORMER**  
 This, website reference, displays all 7x Power Transformers

OK - So, you want to spread your risk  
 This means you want several transformers.....  
 Let's assume you want 1x Power Transformer per wall i.e. 4x walls = 4x Power Transformers  
 Just calculate which Power Transformer you want by each length of LED strip being used

Finally:  
 If you are adding 'Twin Coving' also take the additional LED Strips into account & POSSIBLE EXTRA Power Transformers

Need more help?  
 Please call us 01244 470904

