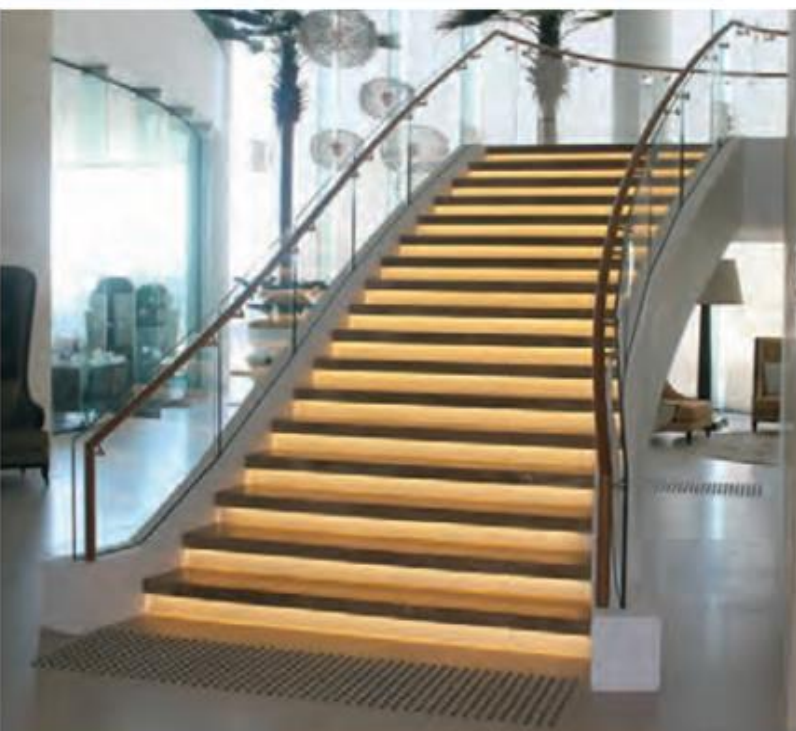


TEC=LED

LED Strip Lighting



Flat Flex LED represents a versatile, energy saving and aesthetically successful lighting option in a myriad of applications for the professional commercial lighting specifier. Replacing cold cathode as a light source for indirect lighting, flat flex LED's miserly dimensions allows it to be installed in the smallest of openings and yet still provide a range of tonal values to suit all ambiances.



All custom made LED Strip lighting supplied on 3mm flat bar

ARCHITECTURAL RANGE

COLOUR TEMPERATURE

One of the key reasons why LED is rapidly being universally adopted as a light source is the range of colour temperatures available. From bright retail display and subtle foyer luminescence to unobtrusive coffer and bulkhead glow, LEDs offer a choice of many hues.

Standard: 2700K, 3000K, 4000K

On application: 2200K - 9000K

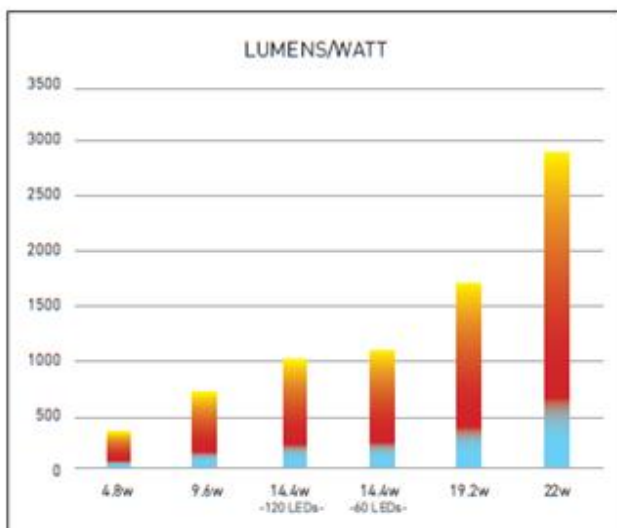
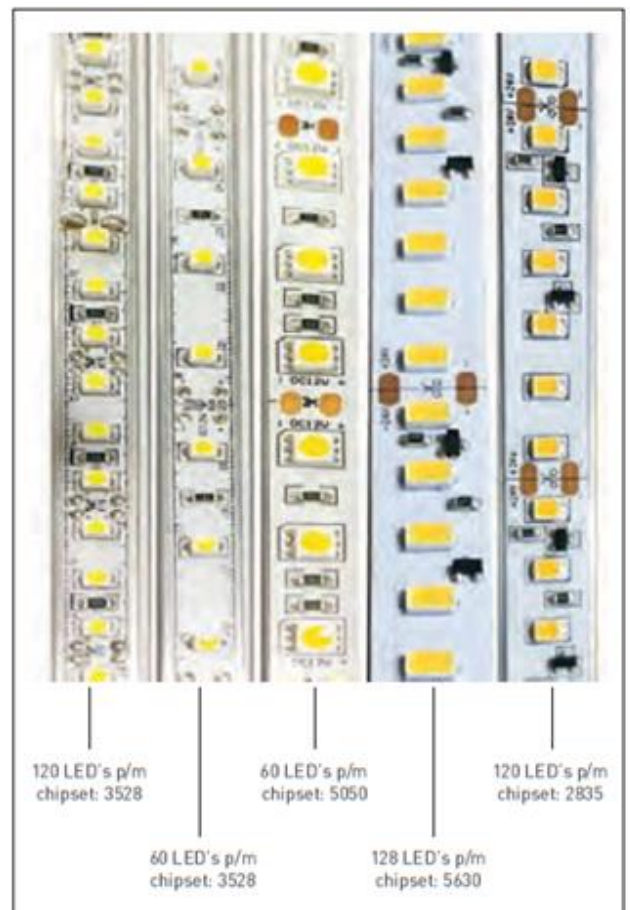
LED TYPES

LED strip lighting is available in numerous options, offering a wide variety of solutions for lighting.

Pitch: LED's per metre range from 60 to 128 and directly affects the lumen output of the strip

Lumens per metre: Range from 360 to the uber 2900

CRI: Most strip lighting boast a CRI of greater than 90



| SPECIFICATIONS - ARCHITECTURAL RANGE | | | | | | |
|--------------------------------------|---------------------|--------------|---------------|-----|---------|------------------|
| Chipset | Pitch (LED's perm.) | Watts per m. | Lumens per m. | CRI | Voltage | Lumen efficiency |
| 3528 | 60 | 4.8 | 360 | >90 | 12 | 75 |
| 3528 | 120 | 9.6 | 720 | >90 | 12 | 75 |
| 5050 | 60 | 14.4 | 1000 | >90 | 12 | 70 |
| 3528 | 120 | 14.4 | 1100 | >90 | 12 | 80 |
| 2835 | 120 | 19.2 | 1700 | >90 | 24 | 90 |
| 5630 | 128 | 22 | 2900 | >80 | 24 | 150 |



INSTALLATION

Being flexible, 6mm thick and no more than 12mm wide, flat flex LED can be installed with minimal disruption and simple planning.

Mounted on flat aluminium bar

For added stability, all flat flex LED strips are fixed (with self-adhesive backing) to flat aluminium bars of suitable length. The bars have the effect of stabilising the temperature of the LEDs, thus prolonging their lifespan. Waterproof option available.



Mounted in diffuser channels

TECLEL supplies a wide range of extruded aluminium channels with a selection of diffuser options for applications where a diffused light is required or where it is preferred that the bare LEDs are not visible. Standard channels may be surface or recessed mounted or suspended. For the full range, see our LED Aluminium Profile catalogue

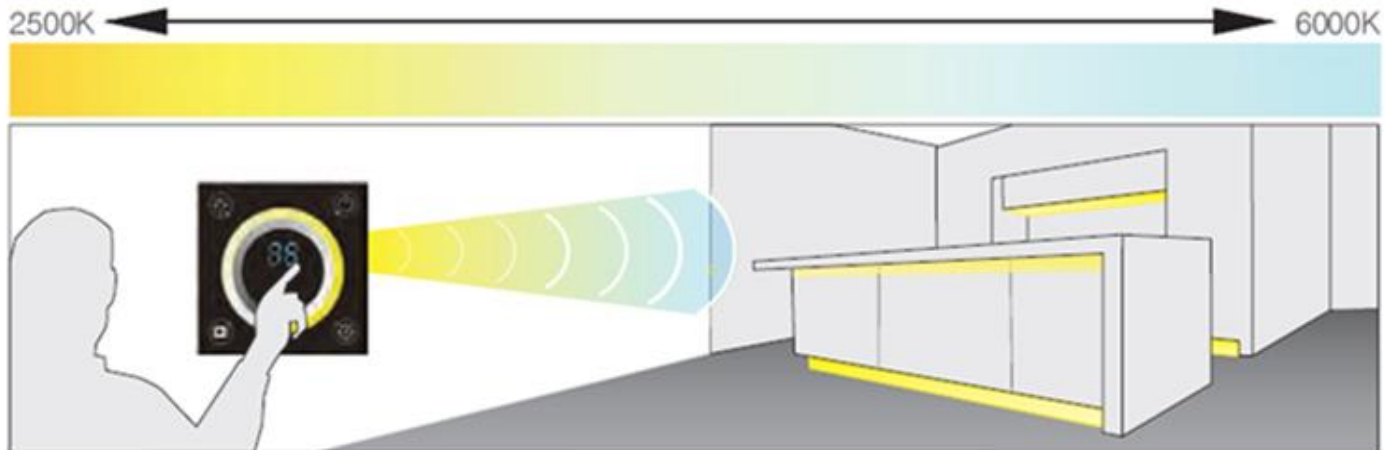


SPECIALTY RANGE

Our Specialty Range of LED strip lighting includes:

Changeable Colour Temp (CCT)

By utilising 2 chips in one LED, colour temperature may be varied from 2500K to 6000K and any increments inbetween. With a simple turn of a dial on a wall mounted or remote touch pad controller, you can adjust the colour temperature (in Kelvin) to suit your particular mood



RGB



TEC-Led's RGB strip lighting allows for colourful and impactful effects across the RGB colour spectrum. Colour hue is changed via a controller, allowing you to generate over 16,000,000 colours.

RGB+W / RGB+WW



With the addition of a white or warm white chip to the RGB spectrum, softer, pastel colours can be generated to suit a particular mood.



| SPECIFICATIONS - SPECIALTY RANGE | | | | | | | |
|----------------------------------|------------|---------|-------|--------------|--------------|-----|---------|
| Range | Width (mm) | Chipset | Pitch | Watts per m. | Colour Temp. | CRI | Voltage |
| CCT | 12 | 3528 | 120 | 19.2 | 2500K-6500K | >90 | 12/24 |
| RGB | 12 | 5050 | 60 | 14.4 | N/A | >90 | 12 |
| RGB+W/RGB+WW | 12 | 5050 | 60 | 19.2 | N/A | >90 | 24 |

TEC=LED

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