



FEATURES

- High CRI, up to Ra98
- Full emission spectrum
- Power supply unit & connectors included

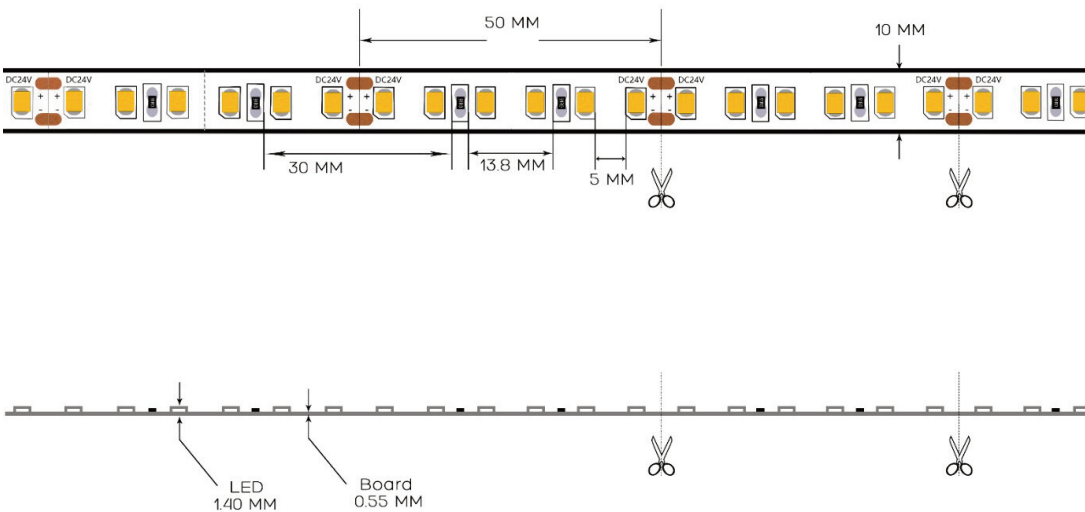
BENEFITS

- Illuminates objects' true colours
- Close to sunlight
- Quick & easy plug & play DIY installation

Marl Part Number	880-5600K-24VDC
Typical Light Output	1300lm
Voltage Input	24Vdc
Power	15W per metre
Beam Angle	120°
IP Rating	20
Dimensions	5 metre strip in reel
Weight	800g
Life Expectancy	36,000 hours
Colour	Cool White
Cleaning	Gently wipe surface with a soft, no-abrasive cloth. Do not use detergent.
Warranty	1 year
Operating Temperature	-20°C to +50°C

DIMENSIONAL DRAWING

Dimensions in mm (typical). Not to scale.



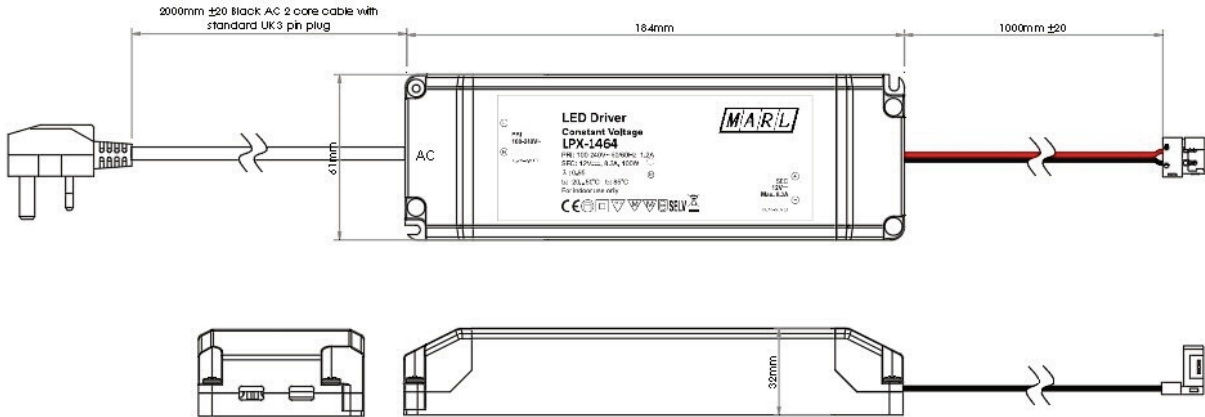
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INCLUDED DRIVER

Dimensions in mm (typical). Not to scale.



DESIGN CONSIDERATIONS

Electro-Static Discharge (ESD)

Build up of electro-static discharge occurs in many situations involving people moving and handling products. The range of possible situations is very diverse but voltage levels as high as several thousand volts can and do arise in many individual situations. When an operator charged up to these levels handles a static sensitive device, there is a very probable likelihood that the device will be irreversibly damaged. It is essential that precautions are taken at all stages during manufacture and assembly of these products. Although LEDs were never considered to be static sensitive devices, changes in manufacturing technology and materials used to produce higher intensity products over a large range of the wavelength spectrum have changed this. Marl has an

approved system of ESD control from goods in, through production and into final packing and despatch. Marl recommend all users of LED based products follow the guidelines of BS 100015.

Voltage, Current and Temperature

The forward voltage / current value of an LED is dependent upon the ambient temperature of the environment in which it is operated. Therefore, care must be taken to operate the LED at the correct voltage / current values, depending upon the ambient temperature.

Marl should be contacted if the device is to be operated outside the temperature range specified. Marl accept no

liability for any product that is operated outside the stated voltage or temperature range.

Heat Management

Heatsinking is not necessary if product is used in standard indoor environments where ambient temperatures do not exceed 50°C. Our testing at Ta = 25°C shows LED solder point temperatures stabilising at 68°C. Maximum allowed LED solder point temperature is 105°C.

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