flairlight
Innovative lighting design
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10620.00 High Intensity Flexible LED Strip

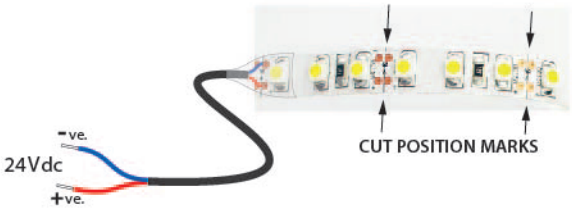
TECHNICAL DATA

Voltage:	24Vdc
Electrical Protection:	Class III (S.E.L.V)
Power:	14.4W/m
Output:	1500Lm/m
CCT:	2800-3000°K (Warm White)
CRI:	90 Ra
Beam Angle:	120°
No. of LEDs:	140/m
Dimmable:	Using dimmable LED Driver
Ingress Protection:	IP65 (Protected against spraying water)
F Mark:	Suitable for mounting on normally flammable surfaces.
Dimensions:	W: 10mm x H: 3mm
Strip Length:	Cut to order in 38mm (1½") increments
Fixing Method:	Self-Adhesive (3M VHB adhesive backing) Can be fixed either directly onto the surface or in aluminium extrusion (Standard - Item No: 10630.10, Low Profile - Item No: 10634.10, Corner Angle - Item No: 10638.10) with either transparent (Item No: 10639.00) or white frosted diffuser (Item No: 10635.00)
LED Driver	
Output Voltage:	24Vdc Constant Voltage
Power Rating:	Dependant upon the length and number of the led strip/s (14.4W per metre).

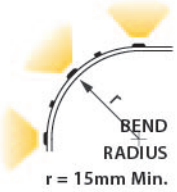
INSTALLATION

Isolate the electrical supply before undertaking any electrical work.

Installation must comply with the current wiring and building regulations.



1) The LED Strip can be mounted either directly onto the surface or in an aluminium extrusion … The extrusion can either be held by spring clips, or drilled and screwed directly onto the surface. All screws in the extrusion must be countersink.



2) Check the LED Strip is the correct length for its intended location … The LED Strip can be cut at 38mm (1½") intervals, the cut positions are marked on the strip … **Do not cut the LED Strip in any other position.**

3) Ensure the surface where the LED Strip is to be mounted onto is **completely free of dust and grease.**
(If necessary to improve adhesion apply a very thin bead of clear adhesive [*Sikaflex EBT+*] under the LED Strip)

4) Remove a short length of the protective backing from one end of the LED Strip … **Do not touch the adhesive** Push the LED Strip down into place, peel off more of the backing and work along the led strip.

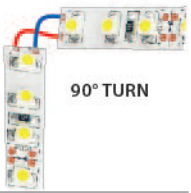
5) Connect the LED Strip to the LED Drivers output (see notes) …… **Ensure correct polarity** … **Red** +ve, **Blue** -ve.

Notes:

i. Keep the cable from the LED Driver to the LED Strip as short as possible, this will minimise the voltage drop along the cable which would reduce the LED Strips intensity.

ii. With long runs of LED Strip the intensity along the strip will decrease (due to voltage drop along the strip) to reduce this effect, power the strip from both ends (i.e. connect both ends of the LED Strip to the LED Driver)

iii. If the LED Driver has sufficient power rating then several LED Strips can be connected (in parallel) to the output.



If you have any queries regarding installation contact Flairlight on 01372 888 455

Do not disposed of these products with normal waste, use an authorised electrical disposal/recycling facility.

Retain this leaflet for future reference

Document Issue: D