

Flexible Strip Lighting
ideal mood lighting
xenon lamp
Flexible Strip Lighting

Xenon Strip Lighting
Illumination for tomorrow's world.





Flexible Strip Lighting

Xenon
lamps

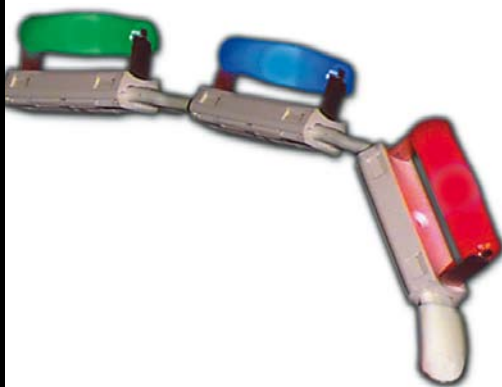
Xenflex is an exciting Flexible Strip Lighting system which features the reliability and performance of the Xenon Lamp. Our exclusive Flow Sealed lamps have no metal end caps allowing true omnidirectional light output, very even distribution of light and ultra reliable, 20,000 hour* lamp life.

Xenflex provides the ideal mood lighting solution with a colour temperature of approximately 2500K** and its ability to be coupled with standard incandescent lamp dimming controllers. Warm and subtle lighting effects are easily achieved and produce magnificent results in dining areas, foyers and lobby's.

low voltage

Xenflex runs on 24 Volt power so it remains quite safe for installation in kitchens, bathrooms, display cabinets and other dry locations.

Its diminutive dimensions and infinitely variable lamp spacing provides the ultimate in design flexibility for applications that are limited only by your imagination.



Coloured filters

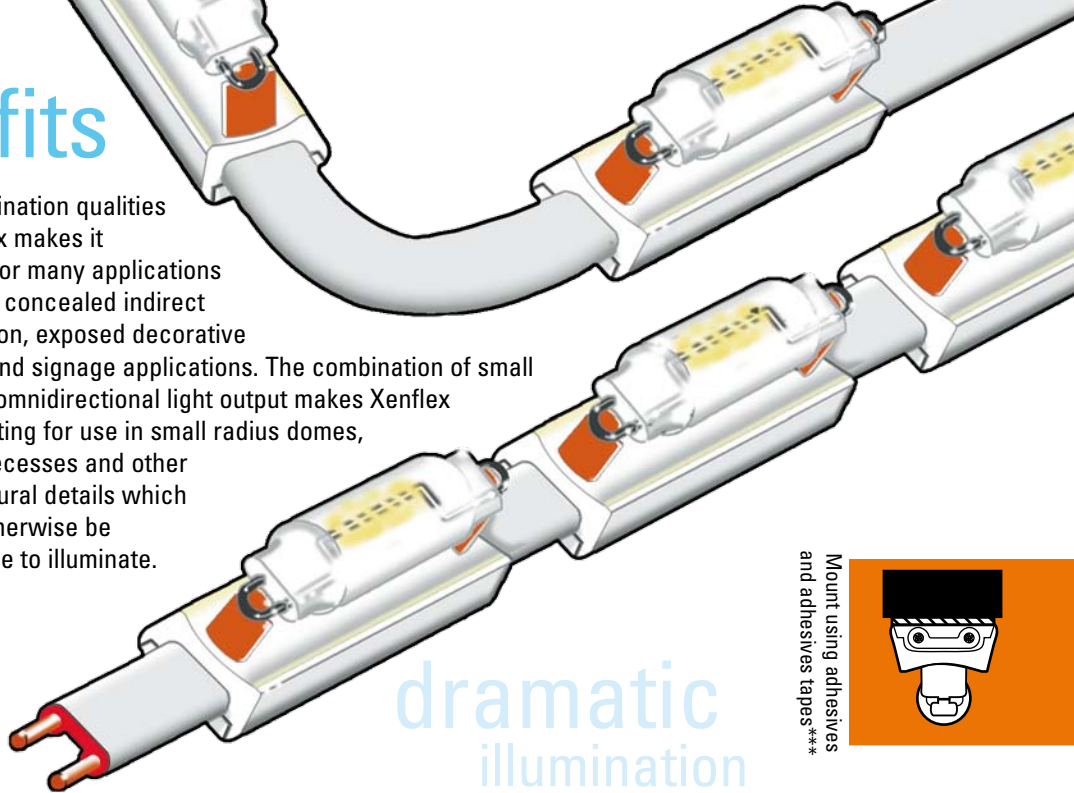
Application of the unique, optional Xenflex coloured filters makes creating a dramatic seamless band of coloured light easy. Xenflex coloured filters are the cost effective solution to creating neon-like effects, without the costs of custom made neon.

Imagine changing the colour of an installation easily and effectively? Xenflex filters are available in red, blue or yellow. Installation requires you to simply slide the filter over the xenon lamps.



Benefits

The illumination qualities of Xenflex makes it suitable for many applications including concealed indirect illumination, exposed decorative lighting and signage applications. The combination of small size and omnidirectional light output makes Xenflex ideal lighting for use in small radius domes, curved recesses and other architectural details which would otherwise be impossible to illuminate.



dramatic illumination

Xenflex systems allow infinitely variable lamp spacing giving the designer the ability to achieve a variety of lighting results ranging from a very intense levels of illumination for dramatic effects through to a subtle glow for added atmosphere.

For total control over illumination levels, dimming equipment can be added, allowing for variation to suit any occasion.

ultra reliable

The Xenflex system encompasses a range of components and includes lamps, lampholders, cable and mounting channel. Transformers and dimming controllers are standard as used by all 24 volt systems.

Xenflex Luminaires are sold in both kit format for on-site customisation and pre-assembled formats - ready to go.

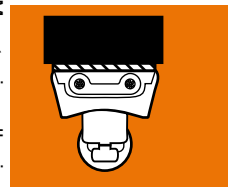
rapid installation

Installing Xenflex

Xenflex can be mounted in a variety of ways offering maximum flexibility. Fasteners are supplied with lamp kits and assembled Xenflex configurations.

The range of design options which Xenflex Flexible Strip Lighting provides makes Xenflex an extremely versatile lighting tool for the modern day interior designer.

Mount using adhesives and adhesives tapes***



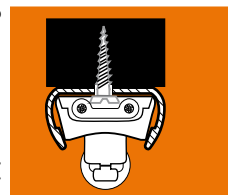
Screw mount through lamp holder.



Screw mount through cable



Screw mount straight sections through extrusion.



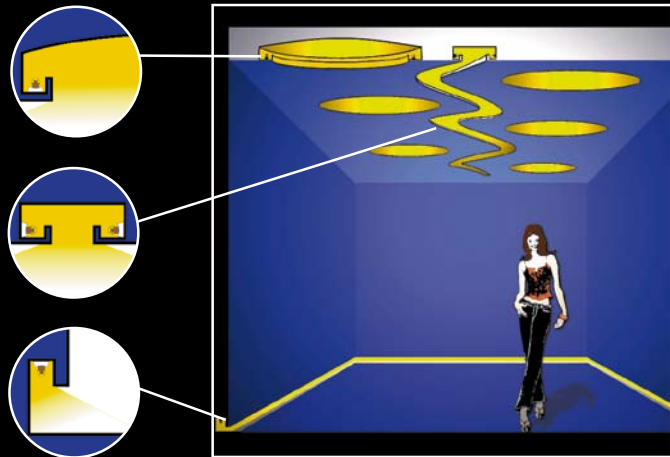
Design Applications

Xenflex is an incredibly compact fitting that can be discreetly positioned into Domes, Ceiling Recesses or even Floor Lighting.

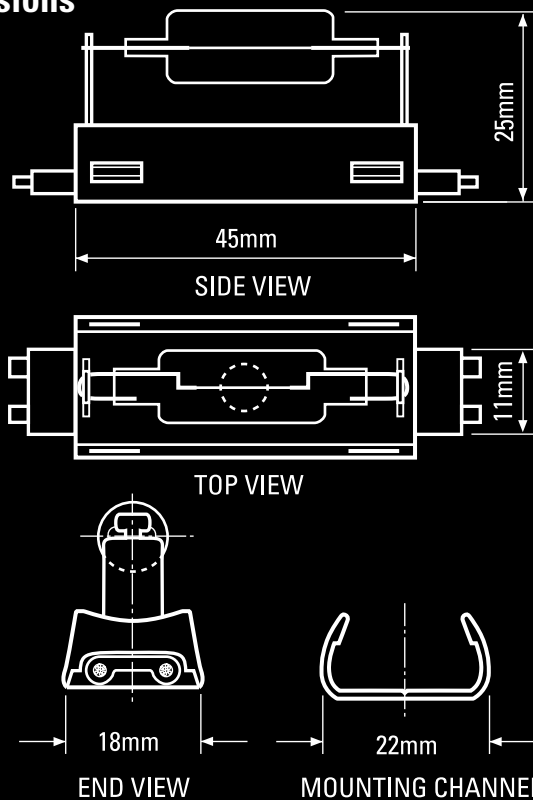
Domes - Place Xenflex inside the rim at the base of the recess

Ceiling Recesses - Place Xenflex against the back of the upright for maximum flexibility in curved sections.

Floor Lighting - For optimum light distribution, attach Xenflex to the top of the recess facing downwards.



Dimensions



* Manufacturers claim

** Manufacturers claim (depending on supply voltage)

*** Contact your local manufacturer for a suitable adhesive tape.

Light Distribution

To optimise the use of Xenflex lighting systems in indirect illumination applications, it is important to consider the distance of the light source from the point of reflection.

The point of uniform intensity illumination will vary in proportion to the proximity of the lamp spacing. When building recesses to accommodate Xenflex, the distance to the reflecting surface is measured from the lamp centres. For Example: With a lamp spacing of 100mm, the point of uniform illumination begins at 65mm (Figure 1).

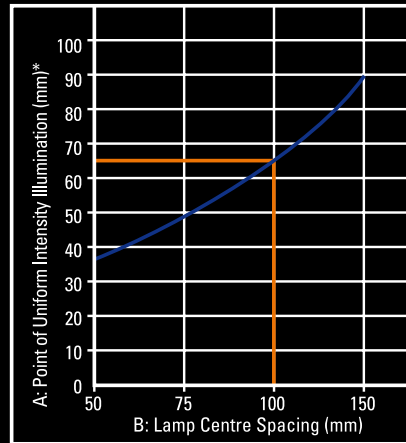
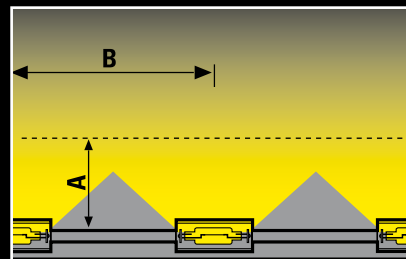


Figure 1



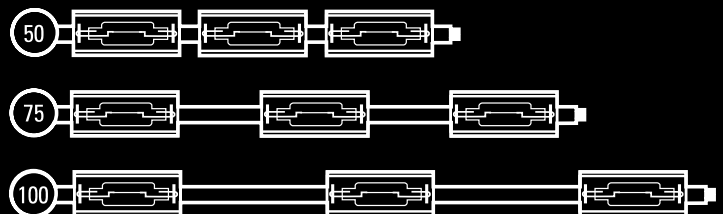
A. Point from which Uniform Intensity Illumination begins †

B. Lamp centre spacing

† Surface finish will alter the results shown.

Lamp Spacings

The lamp spacing of Xenflex systems is infinitely variable. Ultra close lamp spacing of 50mm centres provides high intensity light output. Moderate lamp spacing of 75mm to 100mm is suitable for standard applications.



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