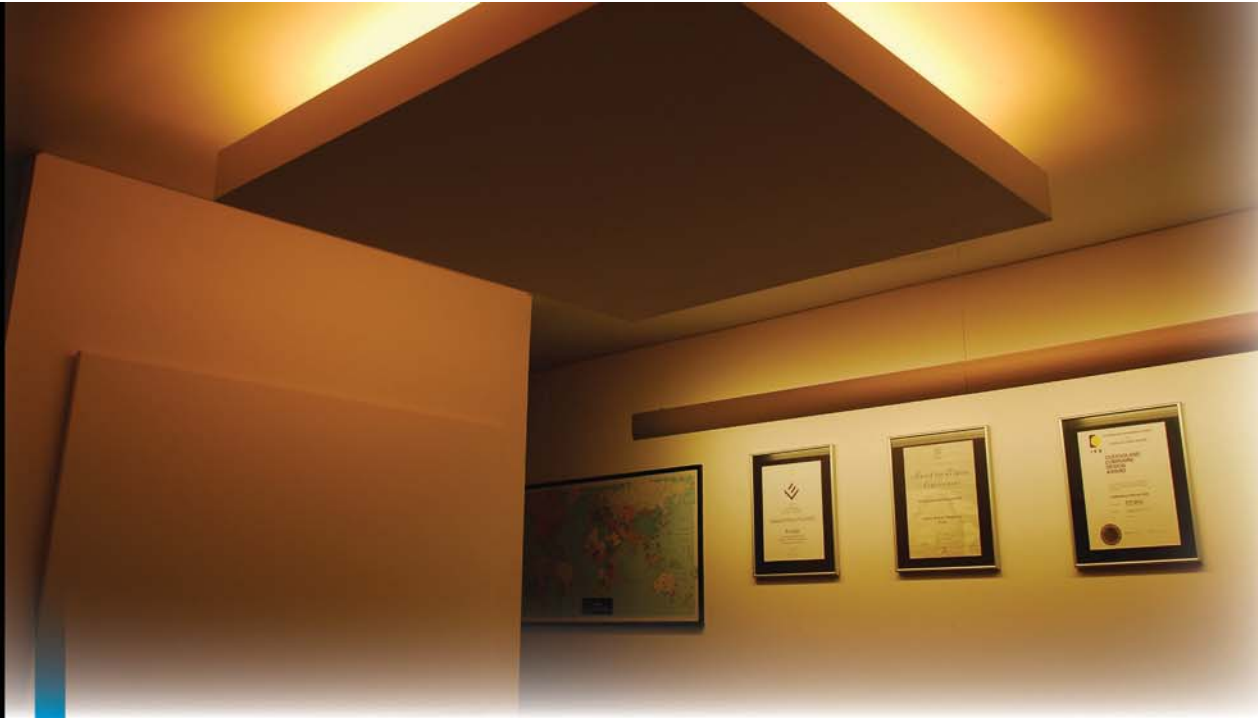


Flexible Strip Lighting Flexible
ideal mood lighting
LED lamp
Flexible Strip Lighting

Xenflex LED

Illumination for tomorrow's world.





Flexible

Xenflex LED Flexible Strip Lighting Led lamps

Xenflex LED Strip is a new sustainable lighting system for the future. Incorporating outstanding energy efficiency and low maintenance benefits via cutting-edge Solid State Lighting technology.



Mounting Clip

Systems are available in lengths from 1.0 meter to 10.0 meters utilizing just one 24VDC power supply. This systematic approach means far fewer mains connection points, therefore reducing installation costs and time significantly. The system is available in three colours, warm white, cool white and blue.

LED technology

Intralux's LED technology enables the end user to achieve equivalent illumination outcomes to previous Xenon based technology however only using a fraction of the comparable power. Environmental and energy savings become very significant in a time when all users need to minimize their respective carbon emissions and maximize the life and maintenance free periods of installations. Excellent optical radiation of illumination from **Xenflex LED** ensures perfect shadow free application in the most demanding interior locations.



Easy Maintenance



Benefits lamp replaceability

Totally replaceable LED lamps are one just one of the significant benefits this innovative product offers. There is much market confusion surrounding the life expectancy of LED light sources, so much so, that replaceability is often overlooked. Each lamp module is a current controlled device ensuring optimal performance and moderate capital costs.

sustainable product

The Light Emitting Diode, commonly known as an LED, is virtually unbreakable and a very moisture-tolerant device. Furthermore the wiring harness is made from a composite PVC and Teflon material enabling very high levels of insulation, ultraviolet and moisture protection. This specially designed and manufactured cable system via large cross sectional copper conductors enables high current to be carried over long distances eliminating the need for many small power supplies along the length of the run.

Energy efficient LED

Dimmability is a standard feature of **Xenflex LED** lighting by incorporating compatible power supplies and control interfaces. Whether it is simple wall mount dimmers or full integration into a lighting control system, the inherent clever design of each lamp module makes the successful control and dimming of the systems a no fuss scenario. High performance polycarbonates through to 316 stainless steel materials flank the components of this industry leading product.

The **Xenflex LED** product is constructed as a simple 'ready to go system' that only requires connection to the power supply and then it is ready to switch on.

Applications

Xenflex LED can be mounted in a variety of ways offering maximum flexibility and creativity. Fasteners along with mounting clips and channel are supplied with fully factory assembled configurations. This strip lighting product offers a wide variety of options for the building designer and end user. The factory fitted flexible mounting channel allows for smooth radius curves whilst keeping the evenness of the shadow free illumination in concert.

Warm White



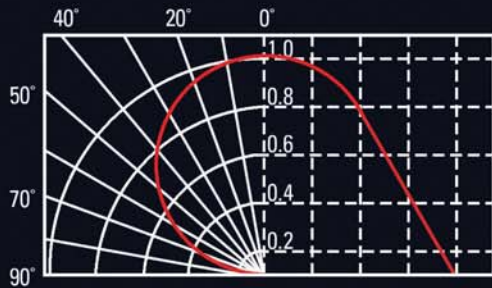
Cool White



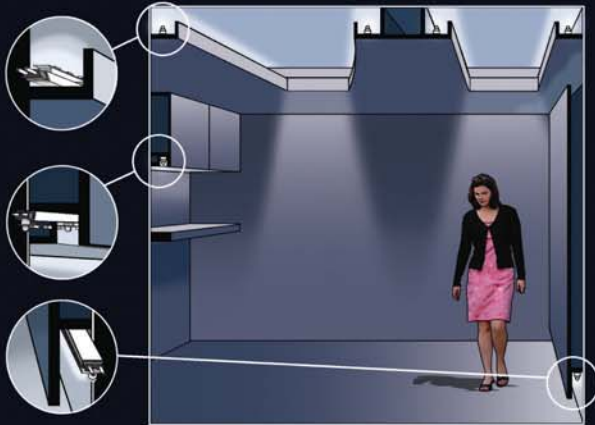
Blue



Characteristics of Radiation

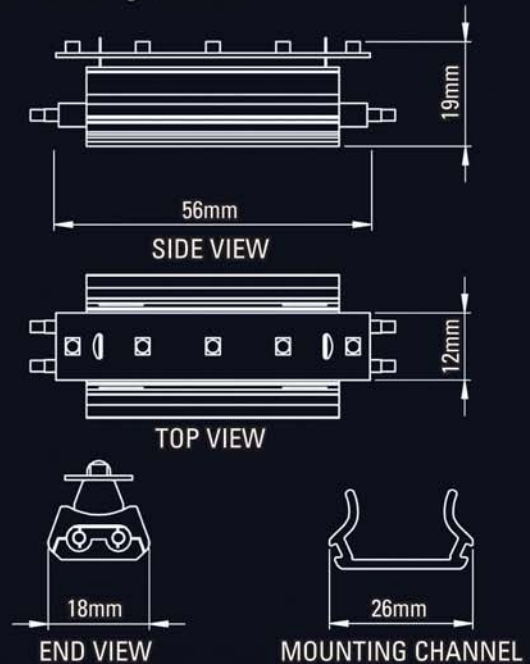


Design Applications



Technical Specifications

Xenflex LED Strip lighting has been designed to be utilized in varying interior applications. It's minimal dimensions and very low heat make this the perfect solution for creating impressive architectural detail lighting. Incorporation into ceiling coves and recesses, wall and under shelf applications, make **Xenflex LED** very appealing as a low energy, low maintenance, high performance light source.



Ordering Xenflex LED

Simply specify the Product Code utilising the following information:

Xenflex LED Length (m) Voltage Lamp Wattage Lamp Colour

XFLED-01-24-05-WW

Power supplies to be specified separately.

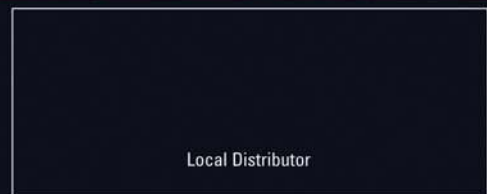
Dimming Xenflex LED

To dim **Xenflex LED**, compatible 1-10VDC dimming equipment can be used in conjunction with a dimming interface. For more information contact your Intralux Distributor. Compatibility of power supplies and dimmers should be considered.

Xenflex LED	XFLED-01-24-05	XFLED-02-24-05	XFLED-03-24-05	XFLED-05-24-05	XFLED-10-24-05
Xenflex LED Modules	15 x 0.5 Watts	31 x 0.5 Watts	47 x 0.5 Watts	79 x 0.5 Watts	158 x 0.5 Watts
Lamp Configuration	15 x 0.5 Watts	31 x 0.5 Watts	47 x 0.5 Watts	79 x 0.5 Watts	158 x 0.5 Watts
Illuminated Length (mm)	950	1950	2950	4980	9950
Connection Cable Tail (mm)	500	500	500	500	500
Operating Voltage	24 Volt DC	24 Volt DC	24 Volt DC	24 Volt DC	24 Volt DC
Module Watts	7.5 Watts	15.5 Watts	23.5 Watts	39.5 Watts	79 Watts
Output (Lm)	330	682	1034	1738	3476
Lamp Type/ Performance	LED PCB/ 22 lm	LED PCB/ 22 lm	LED PCB/ 22 lm	LED PCB/ 22 lm	LED PCB/ 22 lm
Viewing Angle	120°	120°	120°	120°	120°
Lamp Module Life*	50,000	50,000	50,000	50,000	50,000
Lamp Colour**	WW/CW/BLUE	WW/CW/BLUE	WW/CW/BLUE	WW/CW/BLUE	WW/CW/BLUE

* 50,000 hours - 70% luminous output - 25c ta. *30,000 hours - 70% luminous output - 40c ta

** Lamp colour codes: WW = Warm White 2500k, CW = Cool White 4000k, Blue = Blue. Variance +/-10% Diagrams N.T.S. - use dimensions.

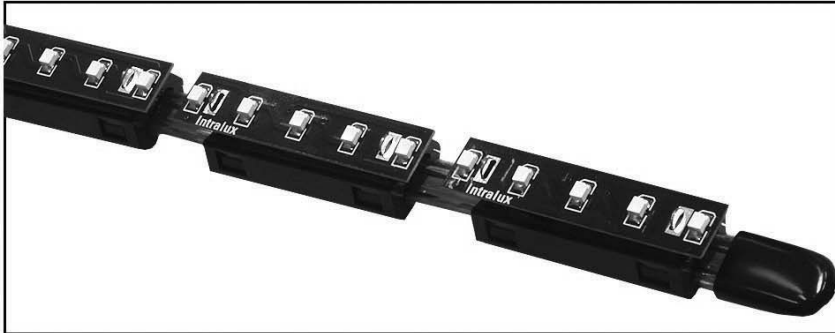


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XENFLEX LED - FLEXIBLE STRIP LIGHTING

DATE	February 2010	CODE	XFLED-TI-1-EU	B
PROJECT		TYPE		



Xenflex LED is a Flexible Strip Lighting system, which features the reliability and performance of new generation solid state, LED light sources. It provides the simplicity of enabling direct connection to any 24VDC power supply. Totally replaceable LED modules are just one of the key benefits this product has to offer.

Lamp Specifications

Lamp Type	5 x LED PCB
Lamp Watts	0.5 Watt total per PCB
Lamp Performance	22 Lumens per PCB
Lamp Module Life*	50,000 Hours
Lamp Colour**	2500k, 5400k, Blue

To dim Xenflex LED, compatible 1-10VDC dimming equipment can be used in conjunction with a dimming interface. For more information contact your Intralux Distributor. Compatibility of power supplies and dimmers should be considered.

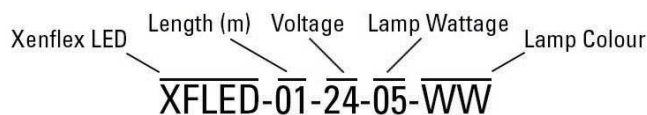
Xenflex LED Modules	XFLED-01-24-05	XFLED-02-24-05	XFLED-03-24-05	XFLED-05-24-05	XFLED-10-24-05
Lamp Configuration	15 x 0.5 Watts	31 x 0.5 Watts	47 x 0.5 Watts	79 x 0.5 Watts	158 x 0.5 Watts
Illuminated Length (mm)	950	1950	2950	4980	9950
Connection Cable Tail	500mm	500mm	500mm	500mm	500mm
Operating Voltage	24 Volt DC	24 Volt DC	24 Volt DC	24 Volt DC	24 Volt DC
Module Watts	7.5 Watts	15.5 Watts	23.5 Watts	39.5 Watts	79 Watts
Output (Lm)	330	682	1034	1738	3476
Lamp Type	LED PCB	LED PCB	LED PCB	LED PCB	LED PCB
Viewing Angle	120°	120°	120°	120°	120°
Lamp Colour**	WW/CW/BLUE	WW/CW/BLUE	WW/CW/BLUE	WW/CW/BLUE	WW/CW/BLUE

*50,000 hours ~ 70% luminous output ~ 25c ta. *30,000 hours ~ 70% luminous output ~ 40c ta.

**Lamp Colour codes: WW= Warm White 2500k, CW= Cool White 5400k, BLUE= Blue. Variance +/-10%

Polycarbonate mounting channel and stainless steel mounting clips are supplied with this product.

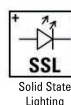
Product Code***



***To specify and order - nominate voltage, run length and lamp colour.

Design Features

Individual LED lamps create the visual appearance of continuous long strips but with individual lamp replacement flexibility.



The renowned Xenflex cable flexibility remains with this new exciting LED family of strip lighting.