



EDITION 3

FIBRE OPTIC FX^{LTD}

CONSULTATION, DESIGN, MANUFACTURE AND INSTALLATION OF FIBRE OPTIC & LED LIGHTING



WELCOME TO FIBRE OPTIC FX

Fibre Optic F.X. Ltd supply, design, manufacture and install practical and decorative fibre optic and LED lighting.

Our client base is as diverse as the products we offer and as such we work on many interesting and unique projects for museums, galleries, private homes, public spaces, clubs, pubs, restaurants, retail and corporate companies to name but a few.

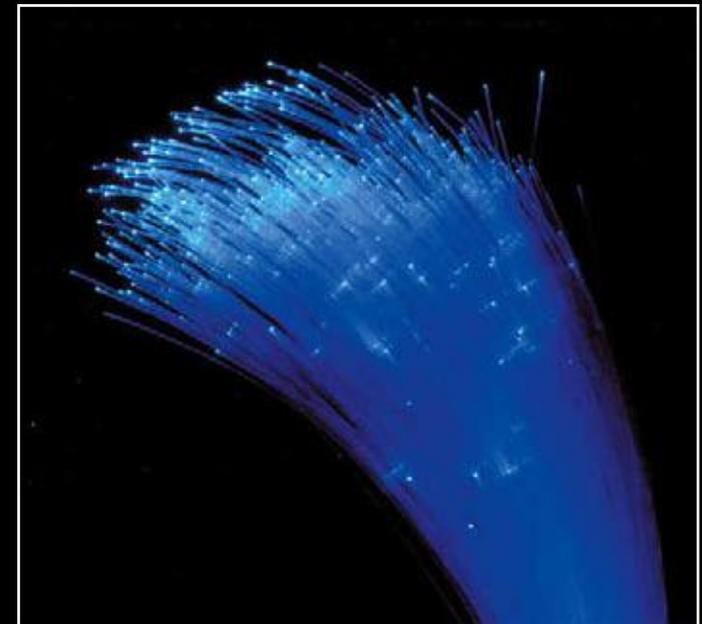
About us

Being at the forefront of technology since 1995 we pride ourselves on our innovative products and fresh attitude to lighting design. Working closely with the client at all times we aim to meet their individual needs and tastes. No job is ever too unusual!

Contact us

Our office and comprehensive showroom is based in Great Harwood near Blackburn in Lancashire with easy access from all major motorway networks.

A map is available at www.fibreopticfx.co.uk. Alternatively we can visit you offering a free lighting design service, site visits and demonstrations – either way we look forward to being of service to you in the near future.



Products

Fibre Optic Lighting

As the company name suggests fibre optic lighting has always played a big part in our range and we specialise in the use of PMMA acrylic fibre although glass alternatives are also available. This specialised form of lighting gives flexibility to a range of applications whether it be for decorative or practical purposes, especially where heat, electricity, ultraviolet rays or energy efficiency are a concern. A full range of accessories to compliment our lighting is also available including end fittings, garden fittings, stair nosings, cloths and carpets.

Led Lighting

Over the past 7 years LED technology has seen some of the most exciting and ground breaking developments to hit the lighting market for decades and we have been there from the beginning. LED's have not just made an impact but totally revolutionised lighting design forever. Great news for us as we have been able to take advantage and utilise this technology to create more elaborate designs than ever before. Our range is ever increasing and is especially chosen to reflect the decorative market place we are in.

Fibre Optic Products

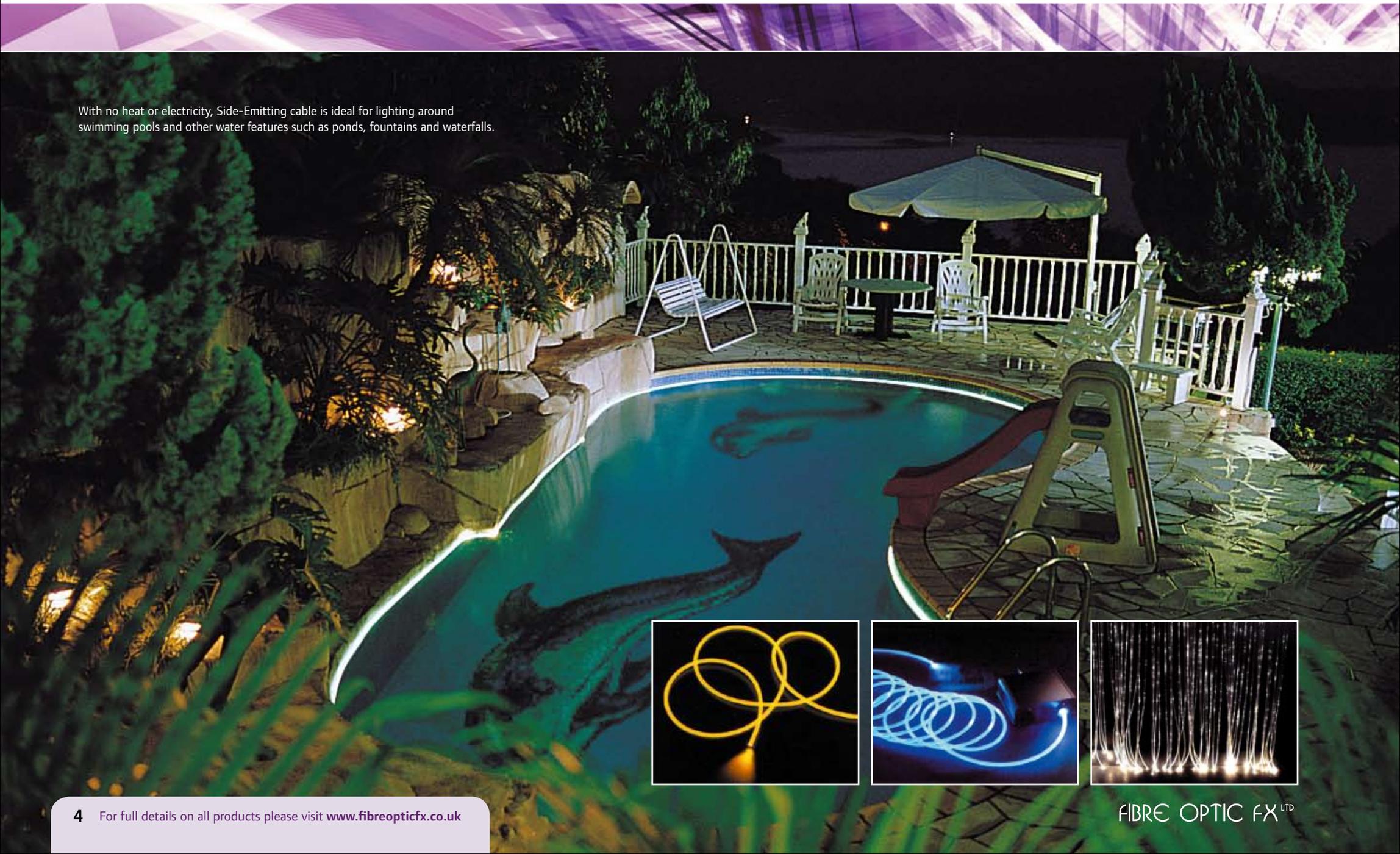
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SIDE EMITTING CABLE

With no heat or electricity, Side-Emitting cable is ideal for lighting around swimming pools and other water features such as ponds, fountains and waterfalls.



SIDE EMITTING CABLE

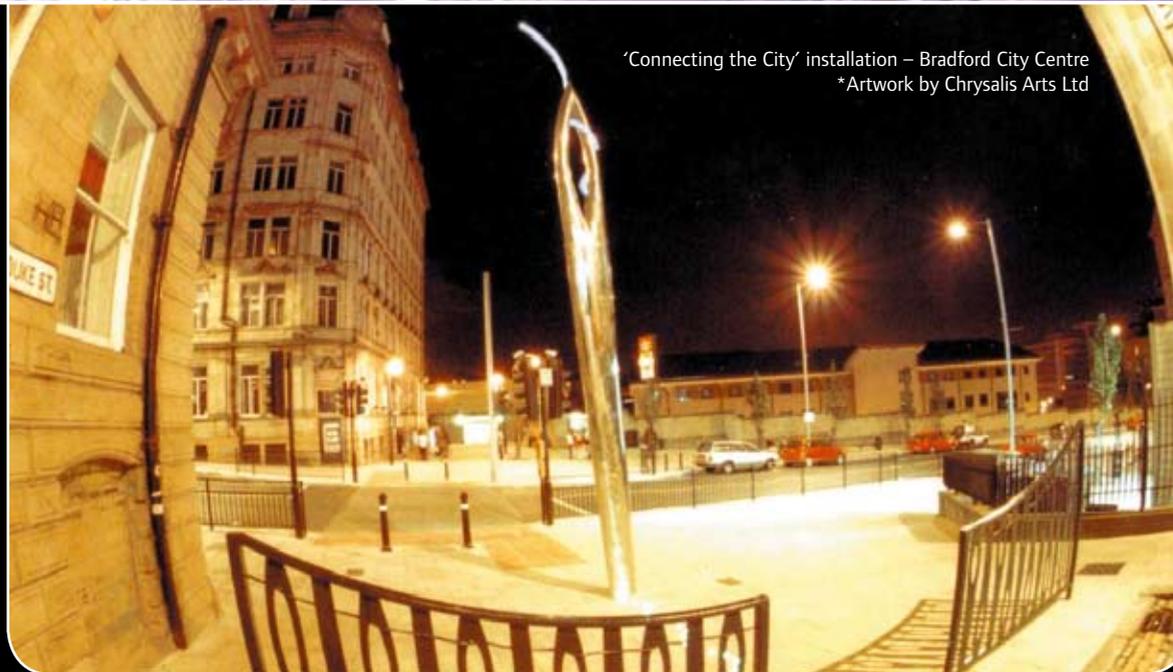
Side-Emitting cable is available in three forms – Multi-Strand, Solid Core and Cracked glass*.

For internal or external applications Side-Emitting cable is a true low maintenance alternative to using neon or chainlight.

Side-Emitting cable is suitable for use in water, ice and extreme weather conditions. It is UV stabilised, algacide and fungicide treated and extremely durable.

With no heat or electricity running through it is totally safe and virtually unbreakable, eliminating typical lighting design restrictions.

*Please note Cracked Glass is for internal use only



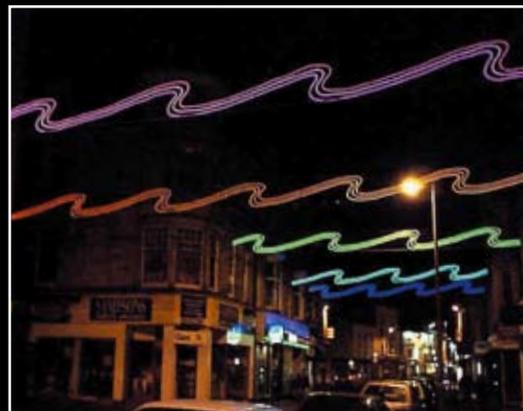
'Connecting the City' installation – Bradford City Centre
*Artwork by Chrysalis Arts Ltd



▲ Duty Free Shop – Manchester Airport



▲ Cracked Glass Chandelier



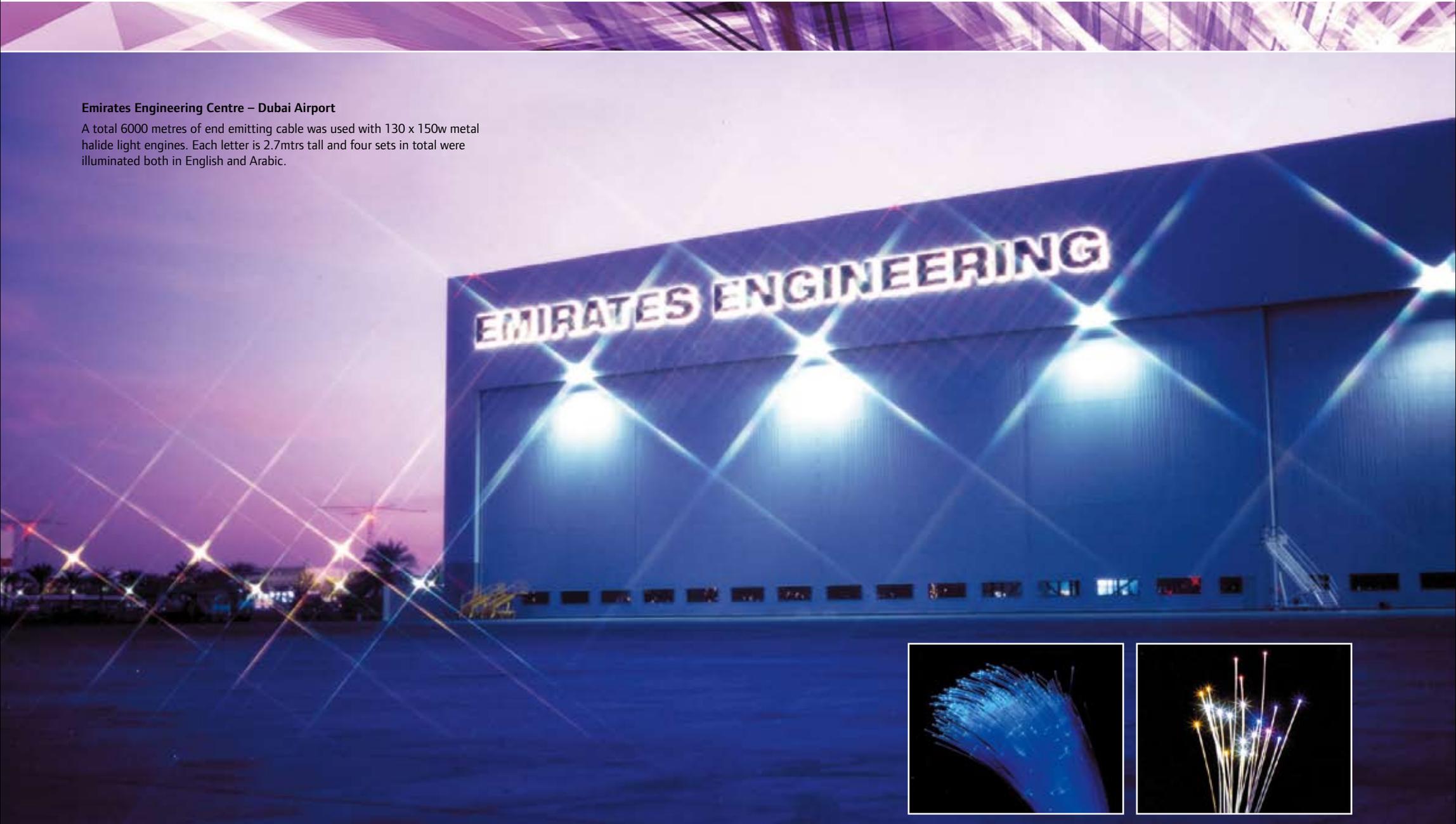
▲ 'Making Waves' installation – Teignmouth, Devon
*Artwork by Ray Smith

CATALOGUE NUMBER	OUTSIDE DIAMETER	TYPE
FX 14S	6mm	Multi-Strand
FX 42S	9.53mm	Multi-Strand
FX 84S	12.7mm	Multi-Strand
FX 126S	15.88mm	Multi-Strand
FX 20S	3.5mm	Solid
FX 40S	6mm	Solid
FX 60S	8.6mm	Solid
FX 100S	14mm	Solid
FX 120S	17.7mm	Solid
FX CG	2.2mm	Cracked Glass

END EMITTING CABLE

Emirates Engineering Centre – Dubai Airport

A total 6000 metres of end emitting cable was used with 130 x 150w metal halide light engines. Each letter is 2.7mtrs tall and four sets in total were illuminated both in English and Arabic.



EMIRATES ENGINEERING

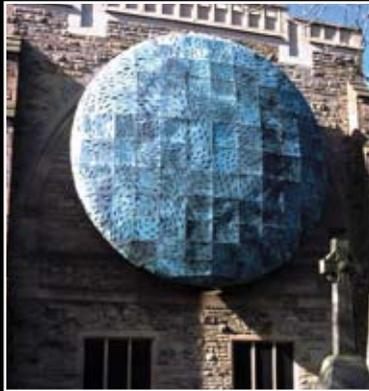


END EMITTING CABLE

End emitting cable is made up of PMMA Acrylic fibres protected by a flexible PVC jacket.

It is ideal for use with star ceilings/cloths/carpets, end fittings and signage.

Single strand unjacketed fibres are also available in various sizes.



▲ Stella McCartney - Paris
A free standing panel 3000mm x 1900mm x 150mm was created for the launch of a new range by designer Stella McCartney.



▲ 'The Healing of the Nations' - Blackburn Cathedral. 8 metre diameter, 7 ton pulsating sculpture.
*Artwork by Mark Jalland



▲ Halifax Museum - Halifax
6 display cases illuminated.



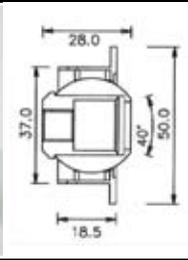
▲ Eclipse - Blackpool Pleasure Beach
Fibre optic tree with a 500 sq. metre star cloth in the background.



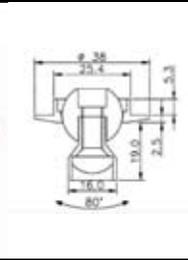
▲ Satan's Hollow Nightclub - Manchester
Pulsating multi coloured crystals set into a sphere.

CATALOGUE NUMBER	CABLE DIAMETER	DESCRIPTION	TYPE
FX 4J	4mm	4 x 0.75mm Fibres	Jacketed
FX 8J	5mm	8 x 0.75mm Fibres	Jacketed
FX 12J	5.2mm	12 x 0.75mm Fibres	Jacketed
FX 25J	8mm	25 x 0.75mm Fibres	Jacketed
FX 50J	9.4mm	50 x 0.75mm Fibres	Jacketed
FX 75J	10.5mm	75 x 0.75mm Fibres	Jacketed
FX 40/7/3J	14mm	40 x 0.75mm, Fibres 7 x 1mm & 3 x 1.5mm	Jacketed
FX 500E	0.50mm	1 x 0.50mm Fibre	Single Strand
FX 750E	0.75mm	1 x 0.75mm Fibre	Single Strand
FX 1000E	1.00mm	1 x 1mm Fibre	Single Strand
FX 1500E	1.50mm	1 x 1.50mm Fibre	Single Strand
FX 2000E	2.00mm	1 x 2mm Fibre	Single Strand
FX 3000E	3.00mm	1 x 3mm Fibre	Single Strand

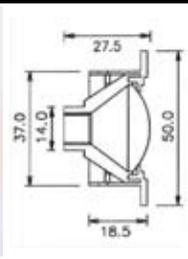
END FITTINGS



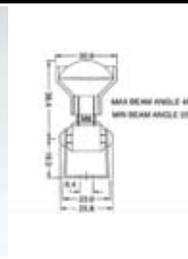
FX33F
 Size of cut out required: 40mm
 Available in Black, White, Chrome and Stainless Steel.



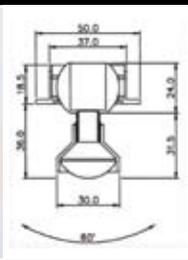
FX37F
 Size of cut out required: 25mm
 Available in Black and White.



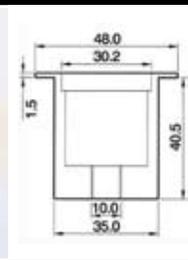
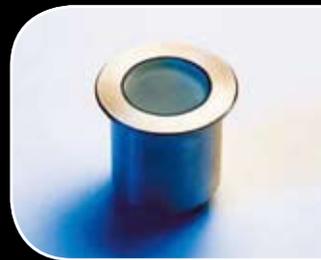
FX34F
 Size of cut out required: 40mm
 Available in Black, White, Chrome and Stainless Steel.



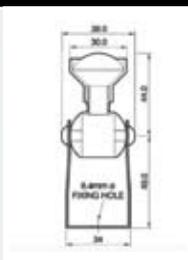
FX38F
 Screwfix
 Available in Black, White, and Stainless Steel.



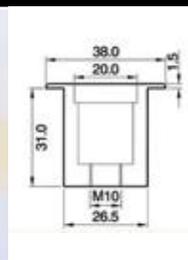
FX35F
 Size of cut out required: 40mm
 Available in Black, White, Chrome and Stainless Steel.



FX39F
 Size of cut out required: 36mm
 Available in Stainless Steel with clear or frosted glass.



FX36F
 Screwfix
 Available in Black, White, and Stainless Steel.

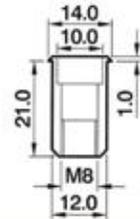


FX40F
 Size of cut out required: 27mm
 Available in Stainless Steel with clear or frosted glass.

END FITTINGS

FX41F

Size of cut out required: 12.5mm
Available in Stainless Steel with clear or frosted glass.



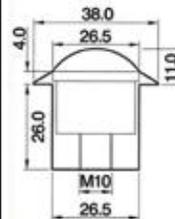
FX45F

Size of cut out required: 62mm
Available in Stainless Steel with clear or frosted glass.



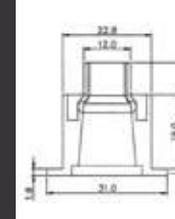
FX42F

Size of cut out required: 27mm
Available in Stainless Steel with clear or frosted glass.



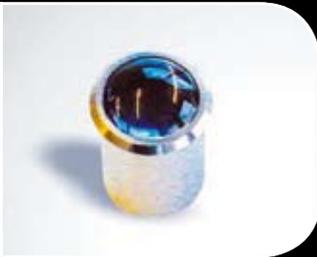
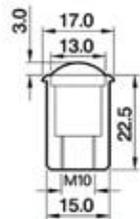
FX46F

Size of cut out required: 25mm
Available in Black, White and Chrome.



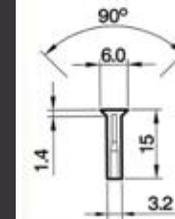
FX43F

Size of cut out required: 16mm
Available in Stainless Steel with clear or frosted glass.



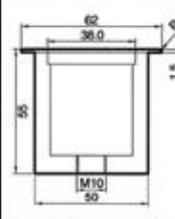
FX47F

Suitable for 1mm polymer fibre.



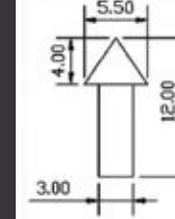
FX44F

Size of cut out required: 51mm
Available in Stainless Steel with clear or frosted glass.



FX48F

Comes complete with washer.
Available to fit 0.75mm, 1mm and 1.5mm polymer fibre.



LIGHT ENGINES



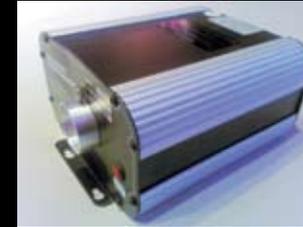
FX3LED 3watt LED Light Engine

- Dimensions: (W)92mm x (L)177mm x (H)63mm. (Allow an additional 100mm on (L) for Fibrehead and loom)
- 3W 12V LED lamp – average life 50,000 hrs.
- Complete with Mains adaptor
- White sparkle wheel fitted as standard. (Other colours available on request).
- 3 speed settings :- Stop, 2, 4, 6 RPM
- ON\OFF switch.
- 1.2mtr lead.
- Complete with Aluminium Fibrehead for fibre termination. Maximum Polymer Fibre quantity :- 200 x 0.75 dia
- Ventilation: Internal fan cooled.
- Ambient operating temperature: -10°C to +35°C
- Case: 1mm sheet steel.
- Paint: Satin silver.
- Weight: 0.6kgs



FX50H 50watt Halogen Light Engine

- Dimensions: (W)90mm x (L)190mm x (H)94mm. (Allow an additional 120mm on (L) for Fibrehead and loom)
- Electronic high frequency transformer to maximise lamp life.
- 50W 12V lamp – average life 4000.
- 4 colour dichroic glass colour wheel fitted as standard which will not degrade over time.
- Hot mirror fitted to reduce UV output.
- Standard model includes a synchronous 2.5 RPM motor. (not possible to synchronise with other units)
- Illuminated mains switch.
- 1.2mtr mains lead.
- Easily accessible lamp compartment.
- Motor stop switch.
- Complete with Aluminium Fibrehead for fibre termination. Maximum Polymer Fibre quantity :- 350 x 0.75 dia
- Ventilation: Internal fan cooled: - Allow 100mm clearance to nearest surface or 100mm between Light Engines.
- Ambient operating temperature: -10°C to +35°C
- Case: 1mm sheet steel.
- Paint: Satin silver.
- Weight: 1.8kgs



FX100H 100watt Halogen Light Engine (Standard)

- Dimensions: (W)200mm x (L)220mm x (H)125mm. (Allow an additional 120mm on (L) for Fibrehead and loom)
- Electronic high frequency transformer to maximise lamp life.
- 100W 12V lamp – average life 1500 hrs.
- Dichroic glass 8 colour wheel fitted as standard. (Other colours available on request).
- Hot mirror fitted to reduce UV output.
- Standard model includes a synchronous 2.5 RPM motor. (not possible to synchronise with other units).
- Illuminated mains switch.
- 1.2mtr mains lead.
- Easily accessible lamp compartment.
- Motor stop switch.
- Complete with Aluminium Fibrehead for fibre termination. Maximum Polymer Fibre quantity :- 350 x 0.75 dia
- Ventilation: Internal fan cooled: - Allow 100mm clearance to nearest surface or 150mm between Light Engines.
- Ambient operating temperature: -10°C to +35°C
- Case: 1mm sheet steel.
- Paint: Satin black and silver.
- Weight: 3kgs



FX100DMX 100watt Halogen Light Engine (DMX)

- Dimensions: (W)200mm x (L)220mm x (H)125mm. (Allow an additional 120mm on (L) for Fibrehead and loom)
- Electronic high frequency transformer to maximise lamp life.
- 100W 12V lamp – average life 1500.
- Complete with Aluminium fibrehead and 3 reducers maximum quantity 1200 x 0.75mm diameter polymer fibres.
- 8 colour dichroic glass colour wheel fitted as standard which will not degrade over time. (other colours available on request).
- Hot mirror fitted to reduce UV output.
- Illuminated mains switch.
- External DMX dip switches
- 1.2 Mtr mains lead.
- Internal auto reset thermal fuse.
- DMX 512 model can be used as a stand alone unit with on board settings for colour, speed and sparkle and can also act as a master unit to synchronise and control up to 40 other units.
- An external DMX512 source can be used to control all units for colour, speed and sparkle.
- Ventilation: Internal fan cooled. Allow 150mm clearance to nearest surface or 200mm between Light Engines.
- Ambient operating temperature: -10°C to +35°C
- Paint: Satin Black and Silver.
- Weight: 3kgs



FX100WP 100 watt Halogen Light Engine (Standard weatherproof)

- Dimensions: (W)200mm x (L)220mm x (H)125mm. (Allow an additional 120mm on (L) for Fibrehead and loom)
- Electronic high frequency transformer to maximise lamp life.
- 100W 12V lamp – average life 1500.
- 8 colour dichroic glass colour wheel fitted as standard which will not degrade over time.
- Hot mirror fitted to reduce UV output.
- Standard model includes a synchronous 2.5 RPM motor. (not possible to synchronise with other units)
- Internal illuminated mains switch.
- 1.2mtr mains lead.
- Easily accessible lamp compartment.
- Motor stop switch.
- Complete with Aluminium Fibrehead for fibre termination. Maximum Polymer Fibre quantity: - 450 x 0.75 dia.
- Ventilation: Internal fan cooled: - Allow 100mm clearance to nearest surface or 150mm between Light Engines.
- Ambient operating temperature: -10°C to +35°C
- Case: 1mm sheet stainless steel.
- Paint: Natural.
- Weight: 3kgs.
- Also available in DMX weatherproof.



FX70MH 70w Metal Halide Light Engine (Standard)

- Dimensions: (W)280mm x (L)280mm x (H)140mm (Allow an additional 120mm on (L) for Fibrehead and loom)
- Electronic control gear incorporating a soft start circuit to maximise lamp life.
- Osram HQI-R150W/NDL lamp – average life 14500 hours.
- Complete with Aluminium fibrehead and 3 reducers maximum quantity 1200 x 0.75mm dia polymer fibres.
- 8 colour dichroic glass colour wheel fitted as standard which will not degrade over time. (other colours available on request).
- Hot mirror fitted to reduce UV output.
- Illuminated mains switch.
- 1.2 Mtr mains lead.
- Internal auto reset thermal fuse.
- Standard model includes a synchronous 2.5 RPM motor (not possible to synchronise with other units).
- Ventilation: Internal fan cooled. Allow 150mm clearance to nearest surface or 200mm between Light Engines.
- Ambient operating temperature: -10°C to +35°C
- Case: 1mm sheet steel.
- Paint finish: Satin Black and Silver.
- Weight: 7kgs

LIGHT ENGINES



FX150MH 150w Metal Halide Light Engine (Standard)

- Dimensions: (W)340mm x (L)270mm x (H)150mm or 385mm. (Allow an additional 120mm on (L) for Fibrehead and loom)
- Electronic control gear incorporating a soft start circuit to maximise lamp life.
- Osram HQI-R150W/NDL lamp – average life 14500 hours.
- Complete with Aluminium fibrehead and 3 reducers maximum quantity 1200 x 0.75mm dia polymer fibres.
- 8 colour dichroic glass colour wheel fitted as standard which will not degrade over time (other colours available on request).
- Hot mirror fitted to reduce UV output.
- Illuminated mains switch.
- 1.2 Mtr mains lead.
- Internal auto reset thermal fuse.
- Standard model includes a synchronous 2.5 RPM motor (not possible to synchronise with other units).
- Ventilation: Internal fan cooled. Allow 150mm clearance to nearest surface or 200mm between Light Engines.
- Ambient operating temperature: -10°C to +35°C
- Case: 1mm sheet steel.
- Paint finish: Satin Black and Silver.
- Weight: 8kgs



FX150DMX 150watt Metal Halide Light Engine (DMX)

- Dimensions: (W)340mm x (L)270mm x (H)150mm. (Allow an additional 120mm on (L) for Fibrehead and loom)
- Electronic control gear incorporating a soft start circuit to maximise lamp life.
- Osram HQI-R150W/NDL lamp – average life 14500 hours.
- Complete with Aluminium fibrehead and 3 reducers maximum quantity 1200 x 0.75mm diameter polymer fibres.
- 8 colour dichroic glass colour wheel fitted as standard which will not degrade over time (other colours available on request).
- Hot mirror fitted to reduce UV output.
- Illuminated mains switch.
- External DMX dip switches.
- 1.2 Mtr mains lead.
- Internal auto reset thermal fuse.
- DMX 512 model can be used as a stand alone unit with on board settings for colour, speed and sparkle and can also act as a master unit to synchronise and control up to 40 other units.
- An external DMX512 source can be used to control all units for colour, speed and sparkle.
- Ventilation: Internal fan cooled. Allow 150mm clearance to nearest surface or 200mm between Light Engines.
- Ambient operating temperature: -10°C to +35°C
- Case: 1mm sheet steel.
- Paint finish: Satin Black and Silver.
- Weight: 9kgs



FX150WP 150watt Metal Halide Light Engine (Standard weatherproof)

- Dimensions: (W)320mm x (L)320mm x (H)170mm. (Allow an additional 120mm on (L) for Fibrehead and loom)
- Electronic control gear incorporating a soft start circuit to maximise lamp life.
- Osram HQI-R150W/NDL lamp – average life 14500 hours.
- Complete with Aluminium fibrehead and 3 reducers maximum quantity 1200 x 0.75mm diameter polymer fibres.
- 8 colour dichroic glass colour wheel fitted as standard which will not degrade over time. (other colours available on request).
- Hot mirror fitted to reduce UV output.
- Internally mounted illuminated mains switch.
- 1.2 Mtr mains lead.
- Internal auto reset thermal fuse.
- Standard model includes a synchronous 2.5 RPM motor (not possible to synchronise with other units).
- Ventilation: Internal fan cooled. Allow 150mm clearance to nearest surface or 200mm between Light Engines.
- Ambient operating temperature: -10°C to +35°C
- Case: 1mm sheet stainless steel.
- Paint finish: Natural.
- Weight: 9kgs
- Also available in DMX weatherproof



FX250MH 250w Metal Halide Light Engine (Standard)

- Dimensions: (W)340mm x (L)270mm x (H)150mm or 385mm. (Allow an additional 120mm on (L) for Fibrehead and loom)
- 250W single ended Metal Halide lamp (accessed from rear of unit) – average life 9000 hrs.
- Complete with Aluminium fibrehead and 3 reducers maximum quantity 1200 x 0.75mm dia polymer fibres.
- 8 colour dichroic glass colour wheel fitted as standard which will not degrade over time (other colours available on request).
- Hot mirror fitted to reduce UV output.
- Illuminated mains switch.
- 1.2 Mtr mains lead.
- Internal auto reset thermal fuse.
- Standard model includes a synchronous 2.5 RPM motor (not possible to synchronise with other units).
- Ventilation: Internal fan cooled. Allow 150mm clearance to nearest surface or 200mm between Light Engines.
- Ambient operating temperature: -10°C to +35°C
- Case: 1mm sheet steel.
- Paint finish: Satin Black and Silver.
- Weight: 13kgs

*Please note this light engine is not suitable for white light only projects.



FX250DMX 250watt Metal Halide Light Engine (DMX)

- Dimensions: (W)340mm x (L)270mm x (H)150mm or 385mm. (Allow an additional 120mm on (L) for Fibrehead and loom)
- 250W single ended Metal Halide lamp (accessed from rear of unit) – average life 9000 hrs.
- Complete with Aluminium fibrehead and 3 reducers maximum quantity 1200 x 0.75mm diameter polymer fibres.
- 8 colour dichroic glass colour wheel fitted as standard which will not degrade over time (other colours available on request).
- Hot mirror fitted to reduce UV output.
- Illuminated mains switch.
- External Dip switches
- 1.2 Mtr mains lead.
- Internal auto reset thermal fuse.
- DMX 512 model can be used as a stand alone unit with on board settings for colour, speed and sparkle and can also act as a master unit to synchronise and control up to 40 other units.
- An external DMX512 source can be used to control all units for colour, speed and sparkle.
- Ventilation: Internal fan cooled. Allow 150mm clearance to nearest surface or 200mm between Light Engines.
- Ambient operating temperature: -10°C to +35°C
- Case: 1mm sheet stainless steel.
- Paint finish: Natural.
- Weight: 13kgs

*Please note this light engine is not suitable for white light only projects.



FX250WP 250watt Metal Halide Light Engine (Standard weatherproof)

- Dimensions: (W)320mm x (L)320mm x (H)120mm. (Allow an additional 120mm on (L) for Fibrehead and loom)
- 250W single ended Metal Halide lamp (accessed from rear of unit) – average life 9000 hrs.
- Complete with Aluminium fibrehead and 3 reducers maximum quantity 1200 x 0.75mm diameter polymer fibres.
- 8 colour dichroic glass colour wheel fitted as standard which will not degrade over time (other colours available on request).
- Hot mirror fitted to reduce UV output.
- Internally mounted illuminated mains switch.
- 1.2 Mtr mains lead.
- Internal auto reset thermal fuse.
- Standard model includes a synchronous 2.5 RPM motor (not possible to synchronise with other units).
- Ventilation: Internal fan cooled. Allow 150mm clearance to nearest surface or 200mm between Light Engines.
- Ambient operating temperature: -10°C to +35°C
- Case: 1mm stainless sheet steel.
- Paint finish: Natural.
- Weight: 10kgs

*Also available in DMX weatherproof
*Please note this light engine is not suitable for white light only projects.

INTERNAL LED STRIPS

The flexible LED strip consists of 24 ultra bright leds (36 in the RGB version) mounted on a 360mm flexible PCB.

The strip has cut and connector points every 45mm along its length allowing for easy trimming and reconnection with no additional soldering required.

Available in a range of static colours or RGB colour changing the strips are ideal for illuminating troughs, coffers, recesses and for back lighting all traditionally lit by far less energy efficient products such as fluorescents or cold cathode. Each strip has a life expectancy of 50,000 hours and comes complete with connectors and mounting feet.

The Black Deco Strip is a low profile (10.5mm x 1.85mm) flexible strip with LEDs potted into a black resin. It comes complete with 3M self adhesive tape for ease of mounting and is available in various colours. Suitable applications can include walkway marking, emergency lighting, wayfinding and low level illumination.

A comprehensive range of power supplies and RGB controllers are also available to suit.



▲ Internal Flex



▲ Internal Flex



▲ Black Deco Strip

COLOUR	STRIP LENGTH	DESCRIPTION	WATTAGE PER STRIP
RGB	360mm	INTERNAL FLEX	2w
WHITE	360mm	INTERNAL FLEX	1.6w
WARM WHITE	360mm	INTERNAL FLEX	1.6w
BLUE	360mm	INTERNAL FLEX	1.6w
GREEN	360mm	INTERNAL FLEX	1.6w
RED	360mm	INTERNAL FLEX	1.4w
ORANGE	360mm	INTERNAL FLEX	1.4w
YELLOW	360mm	INTERNAL FLEX	1.4w
WHITE	5m	BLACK DECO STRIP	18w per 5m
WARM WHITE	5m	BLACK DECO STRIP	18w per 5m
BLUE	5m	BLACK DECO STRIP	18w per 5m
GREEN	5m	BLACK DECO STRIP	18w per 5m
RED	5m	BLACK DECO STRIP	18w per 5m
YELLOW	5m	BLACK DECO STRIP	18w per 5m

EXTERNAL LED STRIPS

The flexible waterproof LED strip comes in two versions.

The silicone ribbon flex which is a very low profile PCB (only 0.6mm thick) set into a silicone sleeve ideal for tight spaces and the silicone chain which is a highly pliable string of super bright leds's potted in silicone to be used when extra flexibility is required.

As with the internal strips these IP68 versions come in a range of static colours or RGB colour changing. Each strip can be trimmed to size, is highly energy efficient and with an average life expectancy of 50,000 hours completely maintenance free.

A comprehensive range of waterproof power supplies and RGB controllers are also available to suit.



▲ Silicone Ribbon Flex



▲ Silicone Chain

COLOUR	STRIP LENGTH	DESCRIPTION	WATTAGE PER STRIP
RGB	5m COIL	SILICONE RIBBON FLEX	36w PER 5M
WHITE	5m COIL	SILICONE RIBBON FLEX	24w PER 5M
WARM WHITE	5m COIL	SILICONE RIBBON FLEX	24w PER 5M
BLUE	5m COIL	SILICONE RIBBON FLEX	24w PER 5M
GREEN	5m COIL	SILICONE RIBBON FLEX	24w PER 5M
RED	5m COIL	SILICONE RIBBON FLEX	24w PER 5M
YELLOW	5m COIL	SILICONE RIBBON FLEX	24w PER 5M
WHITE	2m COIL	SILICONE CHAIN	16w PER 2M
WARM WHITE	2m COIL	SILICONE CHAIN	16w PER 2M
BLUE	2m COIL	SILICONE CHAIN	16w PER 2M
GREEN	2m COIL	SILICONE CHAIN	16w PER 2M
RED	2m COIL	SILICONE CHAIN	16w PER 2M
YELLOW	2m COIL	SILICONE CHAIN	16w PER 2M

LED BLOCK MODULES

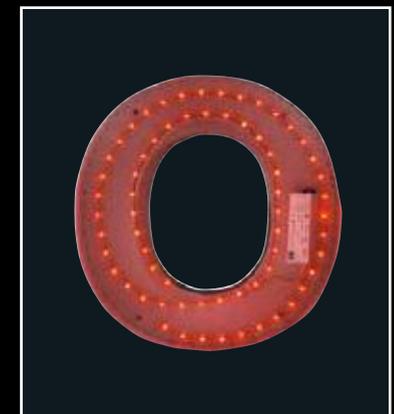
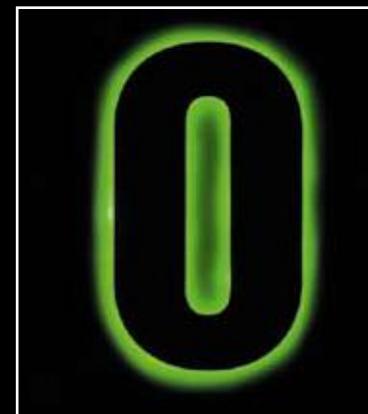
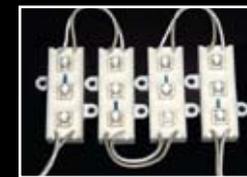
Led blocks may be small but with 3 to 6 ultra bright wide angled leds per block they can achieve high luminous outputs.

Used to illuminate signage they are perfectly suited to giving halo effects to built up letters, channel letters and general signage illumination.

With an IP68 rating they are ideal for either indoor or outdoor applications replacing more conventional forms of lighting such as neon, cold cathode and fluorescents.



COLOUR	LED QUANTITY	DIMENSIONS	WATTAGE PER BLOCK
WHITE	3	L60mm W20mm H10mm	0.48w
BLUE	3	L60mm W20mm H10mm	0.48w
GREEN	3	L60mm W20mm H10mm	0.48w
RED	3	L60mm W20mm H10mm	0.48w
YELLOW	3	L60mm W20mm H10mm	0.48w
WHITE	4	L32mm W32mm H10mm	0.48w
BLUE	4	L32mm W32mm H10mm	0.48w
GREEN	4	L32mm W32mm H10mm	0.48w
RED	4	L32mm W32mm H10mm	0.48w
YELLOW	4	L32mm W32mm H10mm	0.48w
RGB	6	L32mm W32mm H10mm	0.48w
WHITE	6	L32mm W32mm H10mm	0.48w
BLUE	6	L32mm W32mm H10mm	0.48w
GREEN	6	L32mm W32mm H10mm	0.48w
RED	6	L32mm W32mm H10mm	0.48w
YELLOW	6	L32mm W32mm H10mm	0.48w



NEONLED TUBE

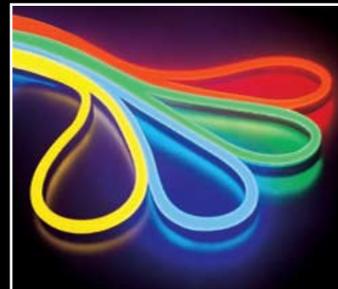
Neonled Tube is an extremely flexible, safe and maintenance free alternative to using neon and cold cathode.

Lines of ultra bright leds are set into a unique flexible opaque resin giving it a consistent linear effect similar to that of neon. Operating at 24v and suitable for indoor or outdoor applications this new products saves up to 70% on the running costs of the traditional gas filled neon.

Neonled Tube conveniently comes on coils therefore can be transported then cut and joined to suite directly on site making installation simple.

A comprehensive range of power supplies and accessories including connectors, channelling and end caps are also available to suit.

Please visit www.fibreopticfx.co.uk to download the full specification sheet on this product.



COLOUR	TUBE LENGTH	DIMENSIONS	WATTAGE PER METRE
WHITE 24V DC	50m COIL	16mm x 23mm	4.85w PER MTR
BLUE 24V DC	50m COIL	16mm x 23mm	4.85w PER MTR
RED 24V DC	50m COIL	16mm x 23mm	4.85w PER MTR
GREEN 24V DC	50m COIL	16mm x 23mm	4.85w PER MTR
YELLOW 24V DC	50m COIL	16mm x 23mm	4.85w PER MTR
ORANGE 24V DC	50m COIL	16mm x 23mm	4.85w PER MTR

240v version also available

LED LAMPS

Using the latest Luxeon technology our range of retro fit led lamps has numerous advantages over conventional lighting including low running costs, low heat, maintenance free running and colour changing facilities.

A range of controllers including infrared and wall mounted are also available specifically for the 5w RGB colour changing led lamp.

Please visit www.fibreopticfx.co.uk to download full specification sheets on all these lamps.



1w Led Lamp



3w Led Lamp



3x 1w Led Lamp



5w Led Lamp



5w RGB Led Lamp & 5w RGB infrared Controller



7w Led Lamp



9w Led Lamp

LAMP WATTAGE	AVAILABLE COLOURS	INPUT VOLTAGE	AVAILABLE BASE
1w	WHITE, WARM WHITE, BLUE, GREEN, RED AND ORANGE	12V AC/DC	MR16 AND GU10
3w	WHITE, WARM WHITE, BLUE, GREEN, RED AND ORANGE	12V AC/DC	MR16 AND GU10
3 x 1w	WHITE, WARM WHITE, BLUE, GREEN, RED AND ORANGE	12V AC/DC	MR16 AND GU10
5w	WHITE, WARM WHITE, BLUE, GREEN, RED AND ORANGE	12V AC/DC	MR16 AND GU10
5w	RGB	12V DC ONLY	MR16 AND GU10
7w	WHITE, WARM WHITE, BLUE, GREEN, RED AND ORANGE	12V AC/DC	MR16 AND GU10
9w	WHITE, WARM WHITE, BLUE, GREEN, RED AND ORANGE	12V DC @ 700ma	FLYING LEAD

REBEL LED RANGE

The Luxeon Rebel produces some of the industries best lumen outputs completely redefining the power LED.

We have taken this state of the art technology and produced a range of high quality fittings all manufactured to IP67 and to suit most applications with an unrivalled output.

Please visit www.fibreopticfx.co.uk for full specification sheets.



Up & Down 3up Spotlight



1 Up Mini Spotlight



Pinlight



3 Up Spotlight



12 Up Floodlight



Rebel Profile

DESCRIPTION	LED QUANTITY	DIMENSIONS	COLOURS AVAILABLE
PINLIGHT	1 x 1w	31mm (dia) x 27mm	White, Warm White, Red, Green & Blue
1 UP MINI SPOT	1 x 1w	37mm (dia) x 45mm	White, Warm White, Red, Green & Blue
3 UP SPOT LIGHT	3 x 3w	73mm (dia) x 75mm	RGB, White, Warm White, Red, Green & Blue
3 UP UPLIGHTER	3 x 3w	73mm (dia) x 60mm	RGB, White, Warm White, Red, Green & Blue
3 UP UPLIGHTER & DOWNLIGHTER	3 x 3w	73mm (dia) x 115mm	RGB, White, Warm White, Red, Green & Blue
12 UP FLOODLIGHT	12 x 3w	150mm (dia) x 102mm	RGB, White, Warm White, Red, Green & Blue
REBEL PROFILE	4 x 3W 5 x 3W 6 x 3W 7 x 3W 14 x 3W	220mm (l) x 30mm (w) x 10mm (h) 320mm (l) x 30mm (w) x 10mm (h) 420mm (l) x 30mm (w) x 10mm (h) 520mm (l) x 30mm (w) x 10mm (h) 1000mm (l) x 30mm (w) x 10mm (h)	RGB, White, Warm White, Red, Green & Blue



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