



Fibre Optic Lighting Inspirations



www.fibreopticlighting.com

Illuminate your world with Universal Fibre Optics

Universal Fibre Optics have the most complete range of fibre optic lighting products available in the world. With over 20 years experience in manufacturing and supplying fibre optic lighting solutions for all types of applications, we are focussed on quality, using only the best raw materials.

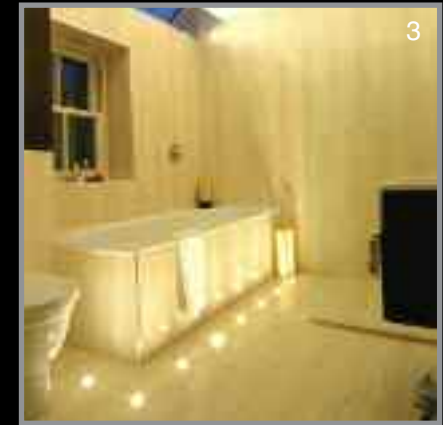
In our experience, fibre optics offer a number of benefits over normal lighting methods. They are more economical and easier to maintain, as only one light source is required to illuminate many points of light. As they only have low UV emissions and do not give off a lot of heat, they are ideal for use in both conservation and domestic situations.

There is no electricity in the fibre optic harness or the end fittings. This makes it suitable for use in wet or humid areas and where there is public access, and the systems allow for colour-changing, twinkle effects and dimming.

The next few pages will show you some of the areas we specialise in, and the projects we have undertaken.

All photographs are of private residences in the UK.

1. External house lighting
2. Round lighting installation with glass crystal fittings
3. Illuminated bath area
4. Staircase lit with fibre optic lighting
5. Domestic shower with colour-change lighting
6. Stair treads being illuminated in a garden
7. Various points of light in a kitchen
8. Star effect lighting in garden paving



Domestic Lighting

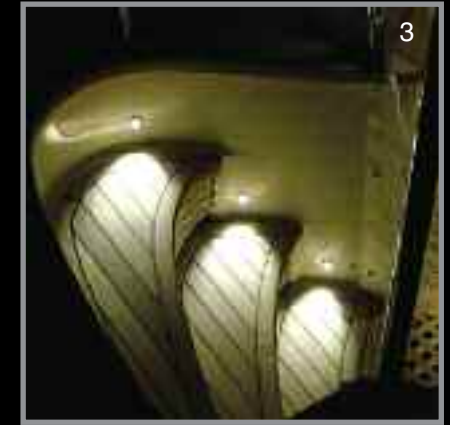
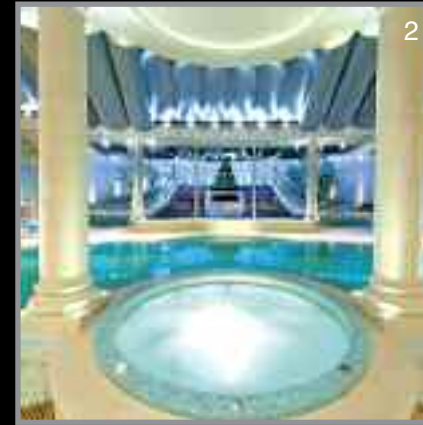
Universal Fibre Optics can offer custom systems to suit a variety of domestic applications from wet area lighting in swimming pools, kitchens and bathrooms, to star effect ceilings in living areas and bedrooms. We can work with end users or their architects/designers.

Scale drawings or a dimensional sketch will help us offer advice, and for major projects we can visit the site.

Also see www.unlimitedlight.com for kits that allow domestic users to install lighting themselves.



1. Star Ceiling above a pool, Hampshire
2. Indoor pool, at a Private Residence, London
3. Lighting the curved staircase of a yacht
4. Example of fibre optics lighting a fountain
5. Pennyhill Park Hotel and Spa, outside pool
6. Gleneagles Spa, Perthshire
7. Pennyhill Park Hotel and Spa, indoor pool
8. Lit name sign of RMS Queen Mary II ocean liner



Wet Area Lighting

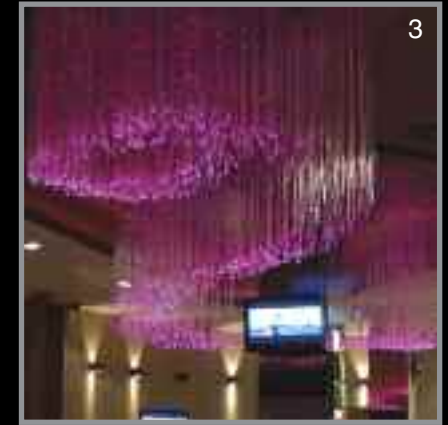
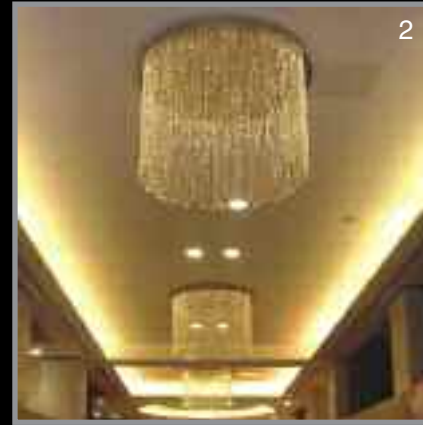
Fibre optics offer the safest method available for lighting wet areas. There is no scalding heat from the end fittings and electricity can be kept away from water and humid areas.

Pools, spa baths, saunas, fountains and garden water features can all benefit from being lit and with fibre optics you can offer another dimension with colour changing light.

Systems can be supplied for inside or outside location of the light source.



1. Blue crystal sphere chandelier
2. Chandeliers lining the ceiling of a shopping centre.
3. The Curry Lounge, Nottingham
4. Masti Club, Wembley
5. The Rendezvous Casino, Leeds
6. Acrylic tubing forming a chandelier in pink
7. Spherical chandelier, 230 Fifth Bar and Restaurant, for which Universal Fibre Optics supplied the fibre and light sources
8. Spiral chandelier



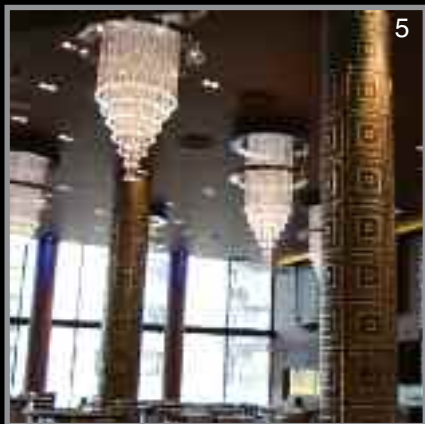
Chandeliers

Universal Fibre Optics have designed, constructed and installed stunning custom chandeliers for many projects around the world.

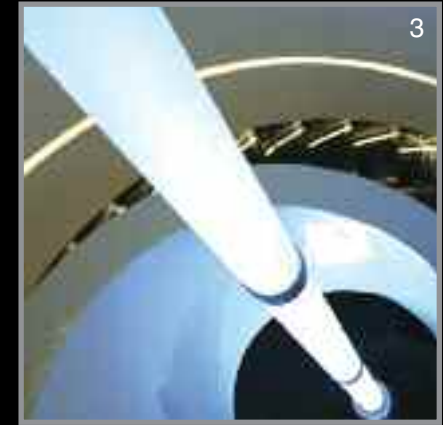
We have facilities to construct the chandelier base from a variety of materials, in almost any shape and size.

Using different lengths and patterns of fibre optic tails, each chandelier is custom designed to your particular requirements.

Please contact us to discuss your particular requirements.



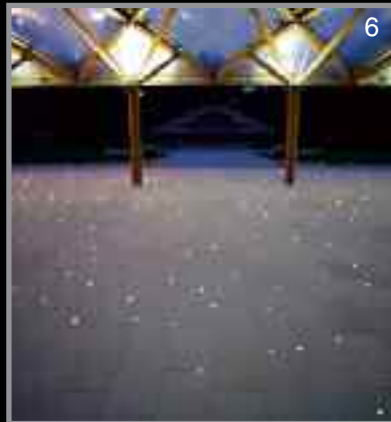
1. Alwick Gardens, Northumberland
2. Marker lines of light on steps, Melrose Town Centre, Scottish Borders
3. Illuminated column, office building, London
4. Kensington Park Gardens, London
5. Statue outside Cork County Courthouse
6. Star field effect in a paved area, Alwick Gardens, Northumberland
7. Exchange Square, Manchester
8. Illuminated handrail, Gateshead Millenium Bridge, Tyne and Wear



Public Realm Lighting

Ideal for indoor or outdoor use due to the ability to deliver light without using incandescent luminaries or LEDs, fibre optics provide the safe, replicable and low maintenance lighting solution to many public realm projects.

Fibre optic lighting is often used to light building features, water features and walkways



- 1. Lit case, Floors Castle, Kelso, Scotland
- 2. Exhibit lit from above. Westminster Abbey
- 3. Bar gantry lighting, Rotunda Museum, Scarborough
- 4. Norwich Castle, Norfolk
- 5. Weston Park Museum, Sheffield
- 6. Backlit display, Rotunda Museum, Scarborough
- 7. Art Gallery of Ontario
- 8. Teapot case, Norwich Castle, Norfolk



Museum and Gallery

Universal Fibre Optics are specialists in conservation lighting for museums and galleries.

With their extremely low heat and UV output, fibre optics will not damage delicate items on display, making this technology ideal for lighting rare books and manuscripts, paintings, textiles and any other item prone to degradation by light.

We work with museums, galleries or display case manufacturers to develop custom made systems to suit each installation.



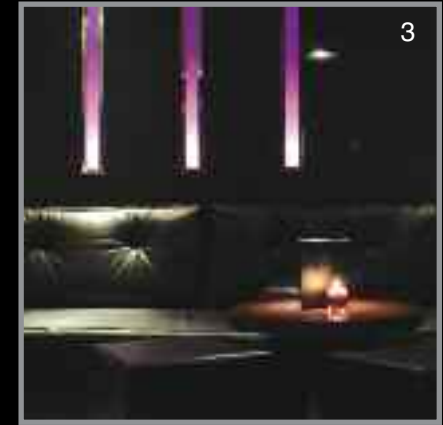
1. Handrail outside the Opal Lounge, Edinburgh



2. Spherical chandeliers, 230 Fifth Bar and Restaurant, New York, for which Universal Fibre Optics provided the fibre elements to light the spheres



3. Illuminated seating area in the Mint Leaf Restaurant, London



4. Seating area in the Opal Lounge, Edinburgh

5. Illuminated glasses above the bar, Montpeliers Bar and Brasserie, Edinburgh

6. Bar lit by fibre optic light panels, Montpeliers, Edinburgh

7. The Curry Lounge, Nottingham

8. Harvey Nichols Restaurant with colour-change walls, London

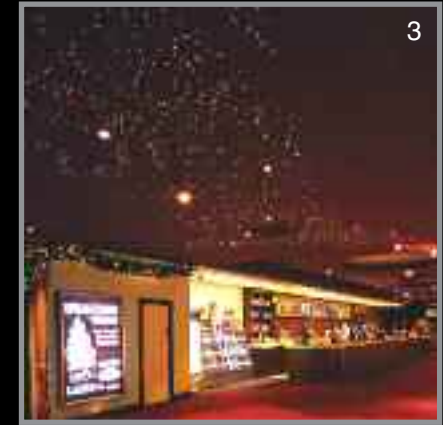
Hospitality

Fibre optics can be used to produce wonderful atmospheric lighting in restaurants and bars. The mood of a restaurant can be altered by a subtle alteration in light colour. Bars and Restaurants can have stunning effects in the evening, which can be toned down for daytime clientele.

Fibre optics can produce exquisite effect lighting and highly controllable display lighting. It is ideal for use as functional lighting in serveries and around bar gantries due to its minuscule heat emission. It can make a focal point of any feature area.



1. Bridlington Forum, North Humberside
2. Star cloth being used on stage
3. Empire Cinema foyer
4. Hospitalworks stage production
5. Golden Palm Casino, Skegness
6. Dominion Cinema, Edinburgh
7. Hawick Tower Mill, Scottish Borders
8. Bridlington Forum's decorative exterior canopy

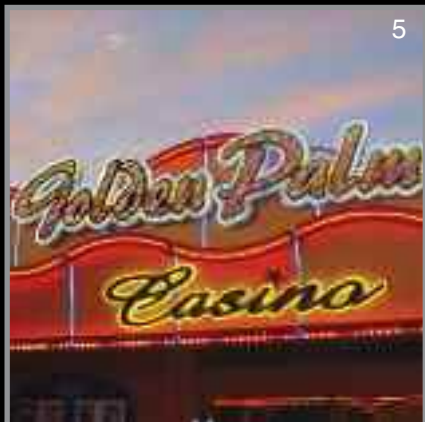


Entertainment and Signage

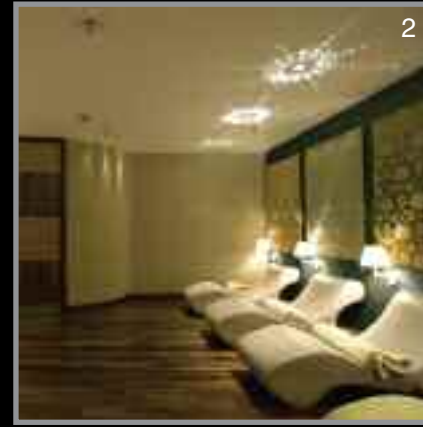
Universal Fibre Optics are a major supplier of fibre optics for stage, film and television. We have worked with a number of companies from Warner Bros. Studios on the Harry Potter films, the BBC and major starcloth manufacturers to individual theatres and theatre companies to supply innovative fibre optic effect lighting.

We supply many stage lighting companies with the complete harnesses of raw fibre, light sources and accessories which are seen everyday in the media and on stage.

We also supply many sign makers with fibre optics for signs such as the Golden Palm Casino example featured within this section. There are many effects available, the lighting is safe outside as well as inside, the maintenance is low, and the reliability is high, so fibre optic lighting can provide an exciting solution to entertainment and signage needs.



1. Harrods Fine Jewellery, London
2. Sheraton Grand Hotel and Spa, Edinburgh
3. Hoar Cross Hall Spa Resort, Staffordshire
4. Partridge Fine Arts, London
5. New Look fashion store, Metro Centre, Gateshead
6. Clarkson's Jewellers, Edinburgh
7. Lit floor and column, Eden Hall, Staffordshire
8. Interwoven polymer side sparkle decorating wall, Eden Hall, Staffordshire

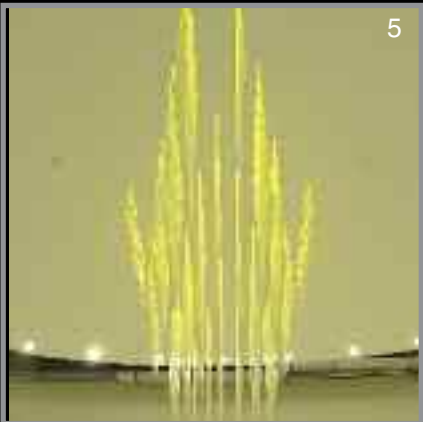


Retail and Leisure

Retail outlets and leisure centres can benefit greatly from the use of fibre optic lighting. Universal Fibre Optics works with major retail groups, shopfitters and interior designers to deliver high quality general and special effect lighting.

Fibre optic lighting can solve many of the common problems encountered with lighting of leisure facilities and shop displays. Heat and UV content of the light is minimal and the lighting can be controlled to give accurate colour rendition, or coloured or twinkling effects.

Ceiling features, wall washes, spotlighting, linear light line effects, illuminated garment rails and in-floor marker lights are all within the remit of fibre optics. If you have an idea, please call us and we will be happy to make it happen.



1. Group of light sources
2. Various end fittings
3. Endlit fibre optic harnesses
4. Side Sparkle PMMA fibre
5. Diagram of working installation
6. Colourwheel (which can be housed within the light source)
7. Universal Fibre Optics' show stand



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What we use

The light source turns electricity into light, which is then fed into the fibre optic harness. The harness is used to transport light from the light source to the end fitting, through which the light generated in the light source, that has travelled through the harness, is output.

There is no electricity or heat in the end fittings or harnesses, making them safe to touch or walk on. They can also be installed in wet or humid areas without the normal dangers of mixing water and light. The light source is the only part of a fibre optic system which contains electricity, and therefore must be housed in a dry environment.

Universal Fibre Optics are the UK's only manufacturer of raw fibre for fibre optic lighting, and a major world manufacturer of complete systems and components. We have over 20 years experience in manufacturing and supplying fibre optic lighting solutions for all types of applications.



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