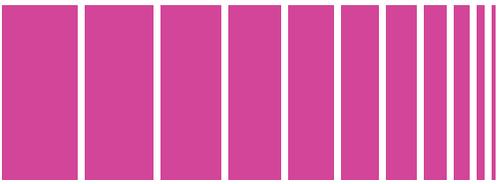


OEM & Distributor Brochure



UFO Sensory Lighting

Sensory lighting systems to stimulate and captivate



Safe fibre optic systems for the sensory market

Are you an OEM or distributor interested in imaginative sensory fiber optic products?

UFO manufacture and supply a wide range of sensory lighting products, either from our existing product range, or to your own custom design or idea.

All of our products are designed and built in-house, mostly from our own UFO components, so you can be sure you're buying a safety-tested, certified UK-manufactured product with the highest quality standards.

What makes UFO different from other suppliers?

- We manufacture all our own products in our UK factory.
- We can offer short lead times on bulk purchases.
- We offer a full rebranding service to suit your needs.
- We hold stock of all our products and can offer quick delivery on most items.
- We can hold stock on a call-off basis if required.
- We can create custom designs and products at competitive prices.

Most of our sensory lighting products are fully certified and safety tested, so purchasing from us means you can be sure you are purchasing a quality UK manufactured product.



World Class Systems

Sensory lighting products you can trust

“Among the several kinds of beauty, the eye takes most delight in colours”

- Joseph Addison





Side sparkle fibre optics for gentle sensory stimulation

UFO safety-certified fibre optic products are highly popular in sensory learning and play environments for people of all ages.

We manufacture a range of certified fibre harnesses which can be supplied in clear or multi-colored UV reactive sheathing.

The PVC we use in these harnesses is certified phthalate free, and the harnesses themselves have CPSIA and EN71 toy certifications, so you can be confident you are purchasing a high quality product made in the UK to the highest British safety standards.

All UFO harnesses are fitted with a standard 30mm common end, for connection to a fibre optic illuminator.

- ✓ **Choice** - colour changing or UV reactive options.
- ✓ **Function** - a range of lengths and bundle sizes available.
- ✓ **Quality** - certified safe for use in sensory environments.



	3 strand side sparkle fibre specification	6 strand side sparkle fibre specification
Outer diameter	2.6mm	3.2mm
Core	3 x 0.75mm chipped fibres	6 x 0.75mm chipped fibres
Outer sheathing	Phthalate free PVC, clear or UV reactive	Phthalate free PVC, clear or UV reactive
Max tails per harness	350	150
Max run length	10m, depending on light source output	10m, depending on light source output
Certifications	The PVC used in these products is phthalate free and has CPSIA and EN71 toy certifications	



Supersafe Sidesparkle

Certified safe PMMA fibre harnesses for sensory use

No. tails and sizes	Price	3 Strand clear harness order code	Price	3 Strand UV harness order code	Price	6 Strand clear harness order code	Price
100 tails at 1m		SEN-100-1-CL		SEN-100-1-UV		SEN6-100-1-CL	
100 tails at 2m		SEN-100-2-CL		SEN-100-2-UV		SEN6-100-2-CL	
100 tails at 3m		SEN-100-3-CL		SEN-100-3-UV		SEN6-100-3-CL	
100 tails at 3.5m		SEN-100-35-CL		SEN-100-35-UV			
150 tails at 1m		SEN-150-1-CL		SEN-150-1-UV		SEN6-150-1-CL	
150 tails at 2m		SEN-150-2-CL		SEN-150-2-UV		SEN6-150-2-CL	
150 tails at 3m		SEN-150-3-CL		SEN-150-3-UV		SEN6-150-3-CL	
200 tails at 1m		SEN-200-1-CL		SEN-200-1-UV			
200 tails at 2m		SEN-200-2-CL		SEN-200-2-UV			
200 tails at 3m		SEN-200-3-CL		SEN-200-3-UV			



Larger diameter fibre for greater stimulation

UFO Stariflex is a jumbo-sized fibre cable which is even easier for people of all ages and abilities to hold and play with.

UFO Opulence fibre optic harnesses have an extra 'knotty' dimension with colourful bumps which stir the sense of touch as well as colour in sensory rooms and other learning environments. The distributions of light points means they're also great for making lines, and the creative use of space.

The PVC we use in these harnesses is certified phthalate free, and the harnesses themselves have CPSIA and EN71 toy certifications, so you can be confident you are purchasing a high quality product made in the UK to the highest British safety standards.

- ✓ **Choice** - colour changing or UV reactive options.
- ✓ **Function** - a range of lengths and bundle sizes available.
- ✓ **Quality** - certified safe for use in sensory environments.



	Stariflex fibre specification	Opulence fibre specification
Outer diameter	7mm	8.3mm
Core	12 x 1mm chipped fibres	5 x 0.75mm chipped fibres
Outer sheathing	Phthalate free PVC	Phthalate free PVC
Max tails per harness	40	20
Max run length	8m, depending on light source output	5m, depending on light source output
Certifications	The PVC used in these products is phthalate free and has CPSIA and EN71 toy certifications.	

- Available in either standard clear or multi-coloured UV reactive sheathing.

Stariflex, shown above, features a smooth finished outer sheathing, whilst Opulence, right, has a textured, knotted effect outer sheathing which can add an exploratory touch sensation to the sensory experience.

Opulence & Stariflex

Certified safe PMMA fibre harnesses for sensory use

No. tails and sizes	Opulence clear harness order code	Price	Opulence UV harness order code	Price
8 tails at 1m	OPU-8-1-CL		OPU-8-1-UV	
8 tails at 2m	OPU-8-2-CL		OPU-8-2-UV	
12 tails at 1m	OPU-12-1-CL		OPU-12-1-UV	
12 tails at 2m	OPU-12-2-CL		OPU-12-2-UV	
15 tails at 1m	OPU-15-1-CL		OPU-15-1-UV	
15 tails at 2m	OPU-15-2-CL		OPU-15-2-UV	
18 tails at 1m	OPU-18-1-CL		OPU-18-1-UV	
18 tails at 2m	OPU-18-2-CL		OPU-18-2-UV	
20 tails at 2m	OPU-20-2-CL		OPU-20-2-UV	

No. tails and sizes	Stariflex clear harness order code	Price	Stariflex UV harness order code	Price
12 tails at 1m	STF-12-1-CL		STF-12-1-UV	
12 tails at 2m	STF-12-2-CL		STF-12-2-UV	
15 tails at 1m	STF-15-1-CL		STF-15-1-UV	
15 tails at 2m	STF-15-2-CL		STF-15-2-UV	
20 tails at 1m	STF-20-1-CL		STF-20-1-UV	
20 tails at 2m	STF-20-2-CL		STF-20-2-UV	

Twinkle, twinkle...

Create a starry night in your bedroom, bathroom or any room in the house by using one of our fibre optic Star Ceiling kits.

Consisting of mixed diameter fibre for a 'near + far' effect, each fibre optic star kit comes with small polycarbonate fittings for a neat finish in the ceiling or chosen material. Unlike other systems on the market, these fittings allow for the fibre to pass all the way through, maintaining the preferred intense star effect achieved when the fibre end is exposed while covering up any ragged edges from the drill hole. Alternatively drill 1mm holes in the ceiling and just use the fibres on their own for an intense point of light.

These fibre optic star ceiling kits are typically installed in:

- ✓ **Ceilings** - access above ceiling is required to drill holes.
- ✓ **Drapes** - pierce material and apply silicone to back to seal.
- ✓ **Tiling** - fibre tails can be installed in grout between tiles.

Code	No. of fibre tails	Fibre tail lengths	Light source options	Price (inc. MicroLED 100T)	Price (inc. MicroLED 100TC)	Price (inc. MicroLED 1000)	Price (inc. MicroLED 4000)	Price (Harness only)
SS112	112 (0.75 & 1mm)	From 1.25m to 2.0m						
SS112+1	112 (0.75 & 1mm)	From 2.25m to 3.0m	MicroLED 100T					
MS168	168 (0.75 & 1mm)	From 2.0m to 3.0m	MicroLED 100TC					
LS224	224 (0.75 & 1mm)	From 1.0m to 4.5m	MicroLED 1000					
XLS336	336(0.75 & 1mm)	From 2m to 7.5m	MicroLED 4000					



Image shown includes MicroLED 4000 with remote control.



UFO Mushroom lens as supplied in our star ceiling kits.

■ See page 24 for specifications of available light sources.

Star Effect Ceilings

Bringing the night sky indoors



Sparkling fibre optic cascade

The new Sensory Wall Cascade from UFO offers a unique sensory experience which will captivate the mind and provide a soothing effect for many children and adults.

Unlike similar products, the UFO Sensory Wall Cascade has an inbuilt remote control LED light source with full colour change. This avoids the need for bulky and hot external units. We have also incorporated a unique cantilever mounting bracket, allowing for secure fixing and much more freedom in the positioning of the Cascade. Our Cascade system can easily be installed on walls, or above doors, and swung out ready for use. No other system offers so much flexibility.

Completely safe to touch and play with, the Cascade is available in 2 tube lengths; 1 metre and 1.2 metres. Both options include 2 metres of PMMA side sparkle fibre to provide the cascade effect.

The PMMA fibre used in this product has CPSIA and EN71 toy certifications. This means you can be sure you are buying a safe, rigorously tested product.



Cantilever mounting bracket



Built-in light source



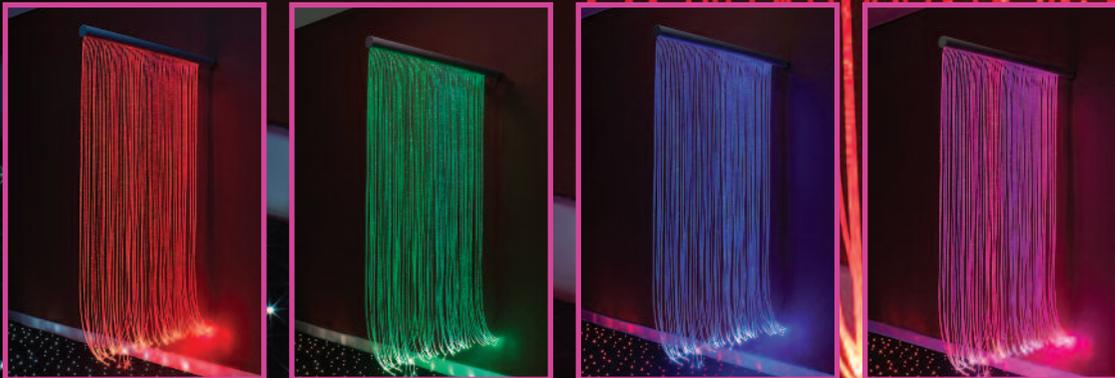
Remote control

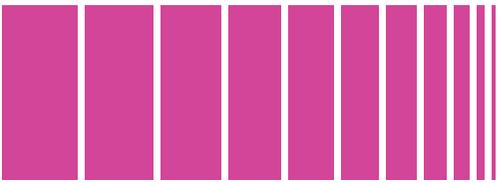
Ordering code	Number of fibre tails	Tube lengths	Fibre tail length	Light source	Price
SWC10	90 tails of 2.2mm side sparkle	1 metre (inc. light source)	2 metres	Integral LED with remote controlled colour change	
SWC12	108 tails of 2.2mm side sparkle	1.2 metres (inc. light source)			

■ See page 14 for fibre specification.

Sensory Wall Cascade

Featuring remote control and adjustable mounting





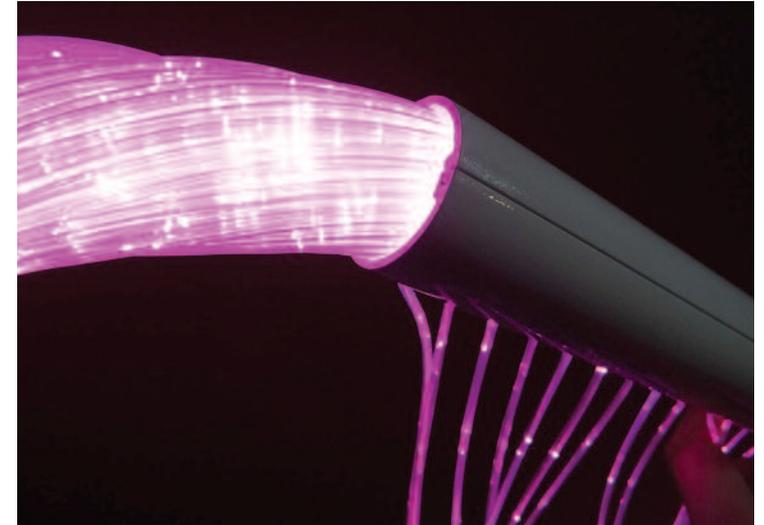
Shimmering curtain of light

The Sensory Wall Tube from UFO is a shimmering curtain of light that will awaken the visual and tactile senses.

Children of all ages will enjoy playing with the long, cascading tails of sensory side sparkle fibre that are safe to touch, stand under and walk through.

The aluminium tube that the fibre extrudes from is finished in bright white as standard, and can be fixed to a wall or above a door. Once the fixture is connected to a light source the tails will either continuously cycle through the available colours, or can be left to shine in one static colour.

The PMMA fibre that is used in this product is CPSIA and EN71 toy certified. This means you can be sure you are purchasing a product that has been rigorously tested and is completely safe to use.

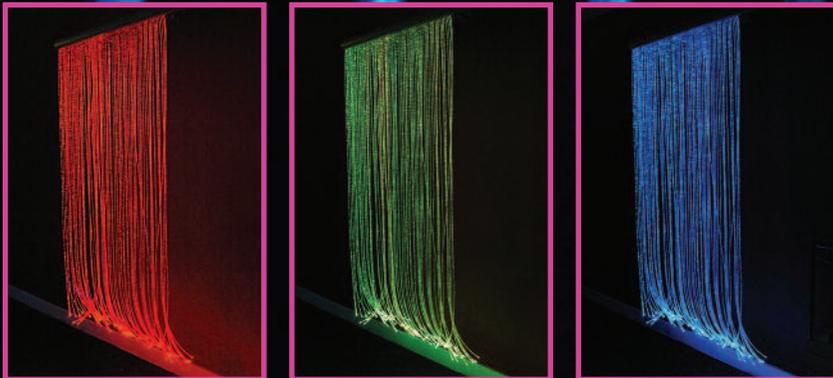
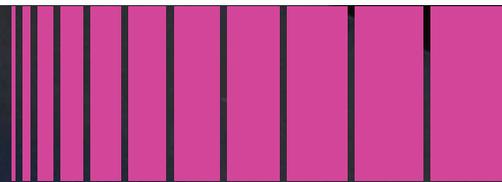


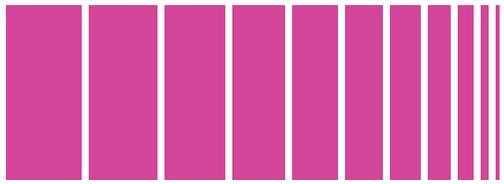
Ordering code	Tube details	No. of tails & length	Price
SWTO1020	32mm diameter / 1 metre long	66 fibre tails at 2 metres	
SWTO1520	32mm diameter / 1.5 metres long	99 fibre tails at 2 metres	

Fibre specification	
Outer diameter	2.6mm
Core construction	3 x 0.75mm chipped fibres
Core material	Polymethyl methacrylate resin
Cladding material	Fluorinated PMMA
Outer sheathing	Phthalate free PVC

Sensory Wall Tube

A shimmering curtain of light





Bright & colourful tactile matting

The Ultraviolet Rainbow Mat from UFO.

A tough, durable multi-coloured play mat which produces an amazingly bright glowing effect when used with a UV light. Even under everyday white light the colours radiate much more intensely than competing products.

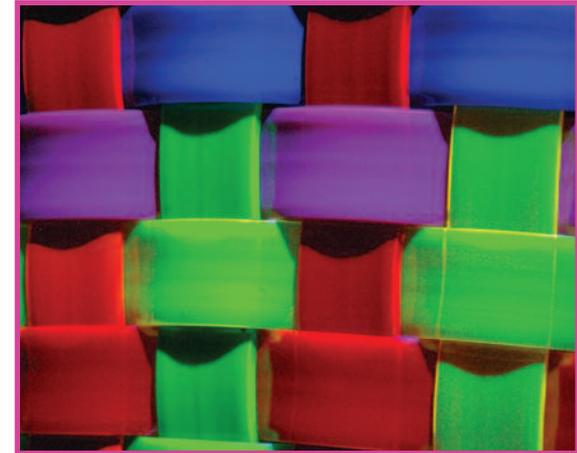
Woven from stretchy PVC, the mat stimulates the visual senses whilst also providing a great tactile experience. Bound edges ensure a smooth, safe finish which is strong enough to withstand the most rough-and-tumble play.

Available in 4 standard sizes, the Rainbow Mat can also be applied to a window to produce a bright stained glass effect.

The PVC used in this product is phthalate free.

Mat dimensions	Smooth mat	Price	Textured mat	Price
300mm x 300mm	UVM3		UVM3-T	
500mm x 500mm	UVM5		UVM5-T	
1 metre x 1 metre	UVM10		UVM10-T	
1.5 metre x 1.5 metre	UVM15		UVM15-T	

- Also available in custom sizes. Contact us for details and pricing.



Vibrant colours come to life under UV light.

Please note this product requires a UV lamp which must be purchased separately.

Ultraviolet Playmat

Fun stimulation for both visual and tactile senses





A splash of brilliant colour

The new Ultraviolet Waterfall from UFO.

A wall mounted waterfall which produces an amazingly bright glowing effect when used with a UV light. Even under everyday white light the colours radiate much more intensely than competing products.

Created from strips of stretchy PVC, the mat stimulates the visual senses whilst also providing a great tactile experience.

We have also incorporated a unique cantilever mounting bracket, allowing for secure fixing and much more freedom in the positioning of the waterfall. As the images opposite show, our waterfall system can easily be installed on walls, or above doors, and swung out ready for use. No other system offers so much flexibility.

The PVC used in this product is phthalate free and has CPSIA and EN71 toy certifications. This means you can be sure you are buying a safe, rigorously tested product.



Cantilever mounting bracket

Ordering code	Number of PVC strips	Tube length	PVC strip length	Price
UVW10	30, each at approx. 20mm wide	1 metre	2 metres	
UVW12	37, each at approx. 20mm wide	1.2 metres		

■ Please note this item requires a UV light which must be purchased separately.

Ultraviolet Waterfall

Fun stimulation for both visual and tactile senses





Sparkling backdrops for exploration

Engage and delight with one of our sensory star carpets, which bring sparkling star effects that are accessible to all.

Our star carpets are manufactured from high quality Vorwerk carpet with PMMA optical fibre woven into the pile.

Safe for children and adults alike, these carpets contain no heat or electricity and can be used as a safe, sparkling play mat.

They can be used on top of existing flooring or can be attached to a wall to create a shimmering, colour changing star scene.

The carpets are hard wearing and durable, but are not suitable for heavy traffic areas or in areas where heavy items may be pushed over them.

As well as the carpet sizes detailed below, we can make custom shapes and sizes. Please ask for details.



Vorwerk carpet is the original, proven carpet for using with fibre optics, and is hard wearing and easy to clean and maintain.

Carpet size	Length of fibre optic tail	Ordering code (black)	Price (black)	Ordering Code (white)	Price (white)	Ordering code (blue)	Price (blue)	Ordering code (pink)	Price (pink)
1m x 1m	1.5 metres from corner of carpet. Fitted with standard 30mm common end.	STC1010-B		STC1010-W		STC1010-BL		STC1010-P	
1.25m x 1.25m		STC1212-B		STC1212-W		STC1212-BL		STC1212-P	
1.5m x 1.5m		STC1015-B		STC1015-W		STC1015-BL		STC1015-P	
2m x 1m		STC2010-B		STC2010-W		STC2010-BL		STC2010-P	
2m x 2m		STC2020-B		STC2020-W		STC2020-BL		STC2020-P	
3m x 3m		STC3030-B		STC3030-W		STC3030-BL		STC3030-P	

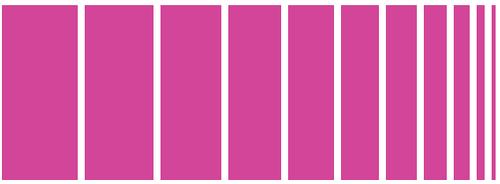
Star Carpets

Sparkling backdrops for play & exploration



White carpet shown under UV Waterfall.





No ceiling access? No problem...

Our star ceiling rings allow you to install a star effect ceiling even when there is no access above the ceiling.

Available in midnight blue, the rings consist of a 1223mm diameter aluminium ring covered in a serge material. Fibre optic star points shine through the material creating a sparkling starry night effect.

Typically installed above a child's bed, or on the ceiling of a playroom, the Star Rings offer an amazingly easy to install sensory lighting experience for children of all ages.

Ordering code	Colour	Ring diameter	Included light source	Price
SCR-B-ML1000	Midnight blue	1223mm diameter	UFO MicroLED 1000	
SCR-B-ML4000	Midnight blue	1223mm diameter	UFO MicroLED 4000 remote control light source	
SCR-B-CLED	Midnight blue	1223mm diameter	LED light source with continuous colour change	
SCR-B-SOLO	Midnight blue	1223mm diameter	No light source supplied	

■ See pages 24 & 25 for light source specifications.



Star Ceiling Rings

Easily create a starry effect ceiling





Bright, radiant colours to stimulate the senses

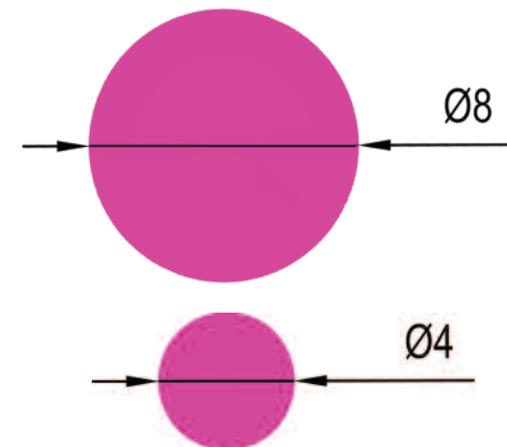
Manufactured from phthalate-free flexible PVC, UFO's reactive tube and solid core cable emits an extremely bright glowing effect that will awaken the senses when used under ultraviolet light.

Even when used under an everyday white light the colours radiate much more intensely than competing products.

Whether being used in indoor multisensory environments, suspended from a ceiling or hung on a wall, the uses for the colourful reactive materials are endless. The UV tube and solid UV cable is extremely resilient and safe to touch and play with, and complies with the EN71 and CPSIA toy certifications.

We stock a wide range of colours - orange, blue, purple, green, pink, red, yellow and clear, each of which can be supplied as full reels.

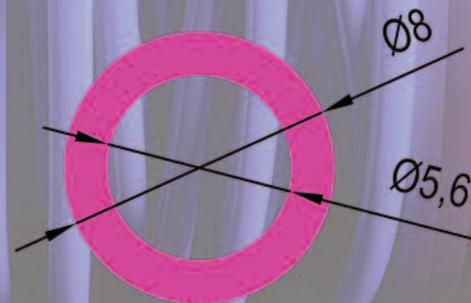
Specification	UV solid cable		UV solid cable	
Outer diameter	4mm		8mm	
Material	Phthalate free PVC		Phthalate free PVC	
Small reel	250m length		250m length	
Small reel dimensions	300mm diameter x 210mm wide		300mm diameter x 210mm wide	
Large reel	500m length		500m length	
Large reel dimensions	400mm diameter x 200mm wide		400mm diameter x 200mm wide	
Ordering codes	UFO-4UVSS+COLOUR	UFO-4UVSL+COLOUR	UFO-8UVSS+COLOUR	UFO-8UVSL+COLOUR
Prices				



UV Tube & UV Cable

A range of UV reactive tube and solid cable

Specification	UV tubing	
Outer diameter	8mm	
Wall thickness	1.2mm	
Material	Phthalate free PVC	
Small reel	100m length	
Small reel dimensions	300mm diameter x 210mm wide	
Large reel	240m length	
Large reel dimensions	400mm diameter x 200mm wide	
Ordering codes	UFO-8UVTS+COLOUR	UFO-8UVTL+COLOUR
Prices		



LED Light Sources

The MicroLED range of decorative light sources

Easy to operate with decorative effects

Manufactured from tough ABS plastic, these LED light sources offer a range of manually controlled lighting effects - colour change, twinkle effects or a mixture of the two are only a quick button push away.

All are fitted with an industry standard fibre port, so can be used with our sensory lighting systems, or can be retro-fitted to existing products as a light source upgrade.

	MicroLED 1000	MicroLED 100T	MicroLED 100TC
LED type	RGBW	White light	White light
Effects	Colour change	Twinkle wheel	Colour changing twinkle wheel
Fibre type	Glass / PMMA	Glass / PMMA	Glass / PMMA
Supply voltage	100-240V AC, 50/60 Hz., 0.58A	100-240V AC, 50/60 Hz., 0.58A	100-240V AC, 50/60 Hz., 0.58A
PSU output	12V DC 2A, 24W maximum	12V DC 1.5A, 18W maximum	12V DC 1.5A, 18W maximum
LED power	2-5W in colour cycle mode	3W	3W
Lumen output (lm)	R: 30.6 G: 67.2 B: 8.2 W: 80	80	80
LED life	50,000 hours in ambient 25°C	50,000 hours in ambient 25°C	50,000 hours in ambient 25°C
Port connector	30mm diameter	30mm diameter	30mm diameter
Material / colour	ABS / white	ABS / white	ABS / white
Dimensions	132mm(L) x 98mm(W) x 67mm(H)	137mm(L) x 114mm(W) x 73mm(H)	137mm(L) x 114mm(W) x 73mm(H)
Ordering codes	SEN-MICROLED-1000-W	SEN-MICROLED-100T-W	SEN-MICROLED-100TC-W
Price			



■ MicroLED 1000



■ MicroLED 100T



■ MicroLED 100TC

Easy remote control and dual output

Remote control and manual colour change options feature on these LED light sources. The MicroLED 2000 and 3000 also offer the option of powering 2 independent light features from one dual output light source.

All are fitted with an industry standard fibre port, so can be used with our sensory lighting systems, or can be retro-fitted to existing products as a light source upgrade.

	MicroLED 2000	MicroLED 3000	MicroLED 4000
LED type	RGBW	RGBW	RGBW
Effects	Colour change	Remote colour effects	Remote colour effects
Fibre type	Glass / PMMA	Glass / PMMA	Glass / PMMA
Supply voltage	100-240V AC, 50/60 Hz., 0.58A	100-240V AC, 50/60 Hz., 0.58A	100-240V AC, 50/60 Hz., 0.58A
PSU output	12V DC 2A, 24W maximum	12V DC 2A, 24W maximum	12V DC 2A, 24W maximum
LED power	2-5W each in colour cycle mode	2-5W each in colour cycle mode	2-5W in colour cycle mode
Lumen output (lm)	R: 30.6 G: 67.2 B: 8.2 W: 80	R: 30.6 G: 67.2 B: 8.2 W: 80	R: 30.6 G: 67.2 B: 8.2 W: 80
LED life	50,000 hours in ambient 25°C	50,000 hours in ambient 25°C	50,000 hours in ambient 25°C
Port connector	Dual 30mm diameter	Dual 30mm diameter	30mm diameter
Material / colour	Aluminium / grey	Aluminium / grey	ABS / white
Dimensions	140mm(L) x 106mm(W) x 68mm(H)	140mm(L) x 106mm(W) x 68mm(H)	137mm(L) x 114mm(W) x 73mm(H)
Ordering codes	SEN-MICROLED-2000	SEN-MICROLED-3000	SEN-MICROLED-4000-W
Price			



■ MicroLED 2000



■ MicroLED 3000



■ MicroLED 4000

LED Light Sources

High output LED models with DMX & remote control

DMX & remote in a small, powerful package

See for yourself how powerful effects can be incorporated into such a small package. Featuring full remote control or DMX controlled colour change, the Cube really does it all.

The Cube is fitted with an industry standard fibre port, so can be used with our sensory lighting systems, or can be retro-fitted to existing products as a light source upgrade.

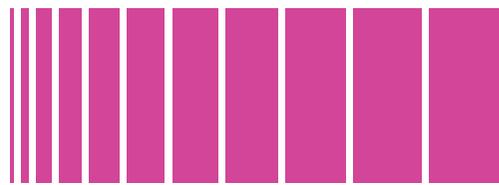
	Cube	Cube-R
LED type	RGBW	RGBW
Effects	Colour change with DMX	Colour change with DMX and RF remote
Fibre type	Glass / PMMA	Glass / PMMA
Supply voltage	100-240V AC, 50/60 Hz.	100-240V AC, 50/60 Hz.
PSU output	24V DC 2A	24V DC 2A
LED power	35W	35W
Lumen output (lm)	R: 700 G: 1160 B: 315 W: 1435	R: 700 G: 1160 B: 315 W: 1435
LED life	50,000 hours in ambient 25°C	50,000 hours in ambient 25°C
Port connector	30mm diameter	30mm diameter
Material / colour	Aluminium / grey	Aluminium / grey
Dimensions	110mm(L) x 110mm(W) x 95mm(H)	110mm(L) x 110mm(W) x 95mm(H)
Ordering codes	SEN-CUBE	SEN-CUBE-R
Price		



■ UFO Cube



■ UFO Cube-R



Sensory Colour Pad

Sensory remote control system for our MicroLED light sources

Quick colour changes at your fingertips

Our interactive colour pad, manufactured from hard wearing ABS allows the colour of light to be chosen by simply pressing the appropriate brightly coloured button on the front of the unit.

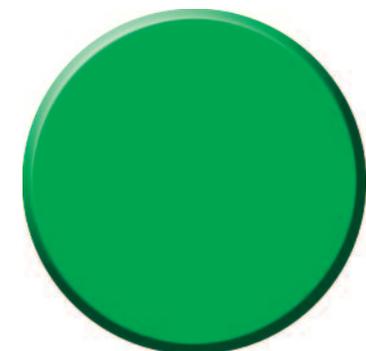
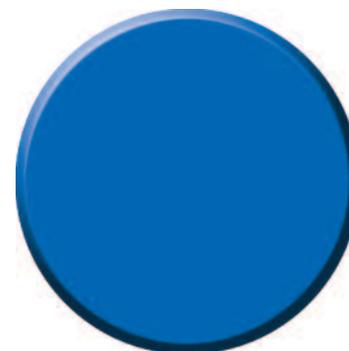
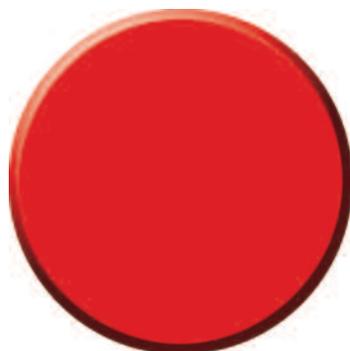
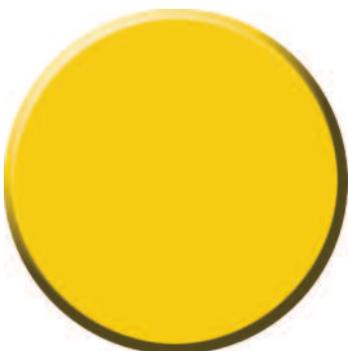
The colour pad is available in white, and is supplied with either a MicroLED 3000 or MicroLED 4000 light source.

Powered by rechargeable batteries which will give between 8 and 12 hours on continual use, the colour pad is supplied with a 5V DC power supply unit which is used to charge the unit up. Recharge time is approximately 2 hours.

The colour pad which has a range of up to 30 metres, works on the 433MHz frequency and is approved for use in the UK, Europe and the USA.



Ordering code	Colour	Light source	Price
COLPAD-W-3000	White	MicroLED 3000	
COLPAD-W-4000	White	MicroLED 4000	





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