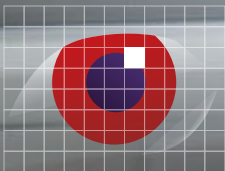




Conservation Lighting



ABSOLUTE ACTION
DESIGNERS OF FINE FIBRE OPTIC LIGHTING

Jobs List +

Listed clients and specific completed jobs within the conservation sector



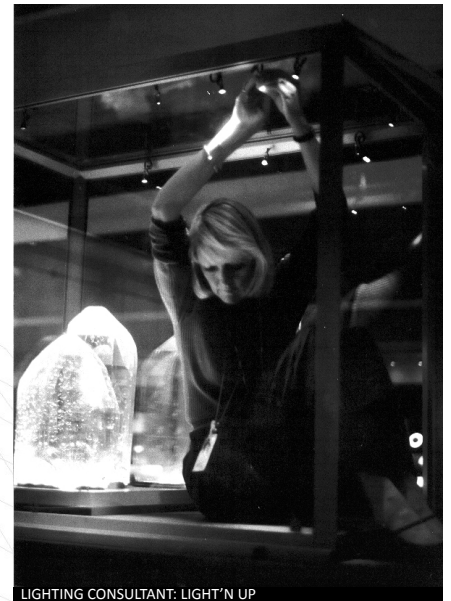
| | | |
|---|--|---|
| The Hope Diamond and Famous Gem Collection | The Imperial War Museum | The Dinosaur Gallery |
| The Dresden Green Diamond Exhibit | The Domesday Book, Public Records Office | The Ecology Gallery |
| The Fancy Pearl Exhibit | The Bodleian Library, Oxford | (all at Natural History Museum, London) |
| The Coloured Diamond Exhibit | Perren Gem and Gold Collection (Royal Ontario Museum) | Mappa Mundi, Hereford Cathedral |
| (all at NMNH Smithsonian, Washington DC) | The Black Prince's Achievements (Canterbury Cathedral) | Museum of East Asian Art, Bristol |
| The Court Dress Collection | The Haworth Museum | Minerals Gallery, Taiwan Science Museum |
| Exhibition of Princess Diana's Dresses | The National Museum of Wales | The Museum of the Moving Image |
| Children at Court Clothing Exhibit (all at Kensington Palace) | Pilkingtons Glass Museum | RAF Museum, Hendon |
| The George Washington Museum, Mount Vernon | Pearl Museum, National Bank of Dubai | Sharjah Museum of Natural History |
| Lee Chapel Museum and Gallery, Lexington | The Bank of England Museum | Museum of Islamic Art, Qatar |
| Rhami Koc Museum, Istanbul | The Wallace Collection | Victoria and Albert Museum |
| The Ashmolean Museum | Roald Dahl Museum | Somerset House Collections |
| | The Public Records Office | |
| | The Vault Gem Exhibition | |

Here at **Absolute Action** we are committed to the highest quality design, manufacture and installation of **Advanced Fibre Optic Lighting Systems** for all manner of diverse and challenging applications.

With over **25 years of specialisation** in this exacting field Emma Dawson-Tarr, along with our team, has undertaken an unparalleled record of **outstanding installations around the world**. Many have been published as exemplary and honoured with awards.

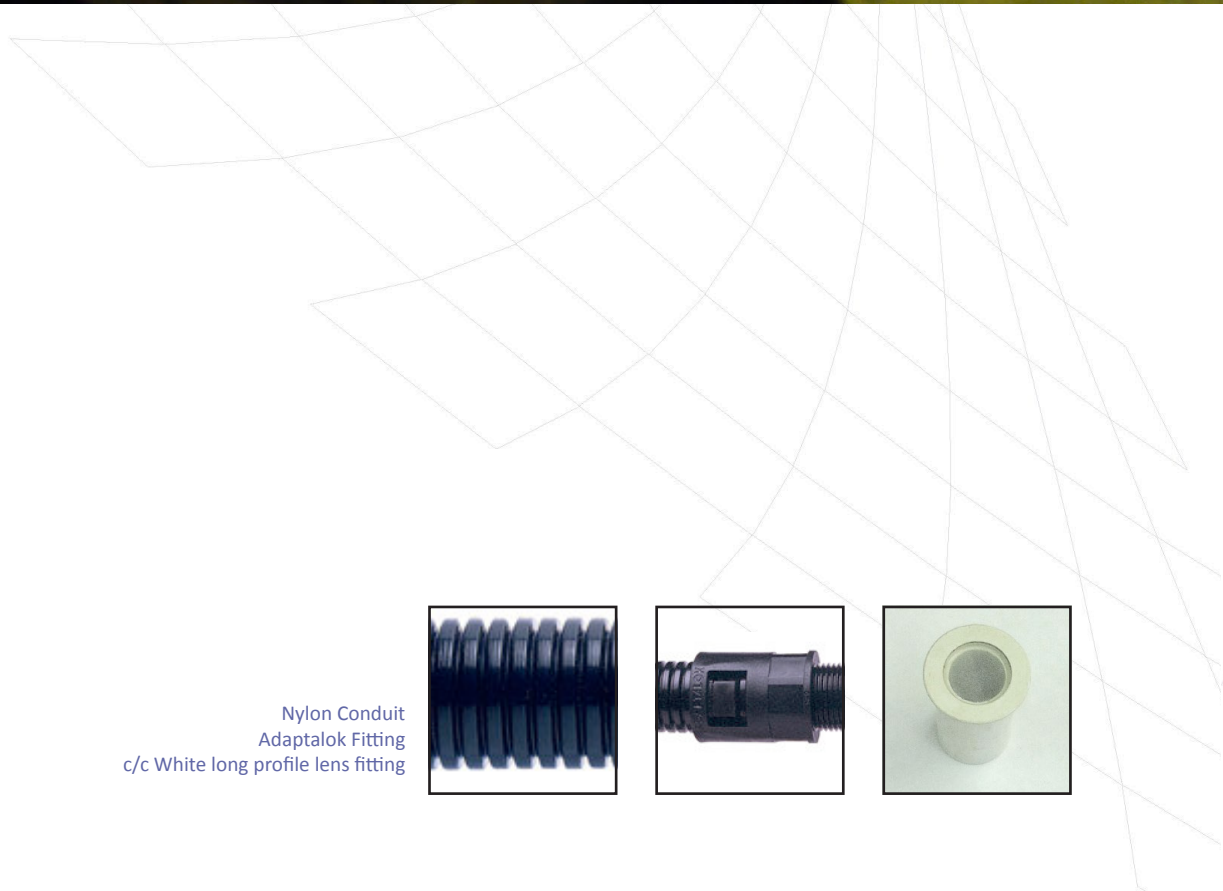
Her signature is a relentless pursuit of perfection to deliver **bespoke and elegant results** which frequently surpass even the client's most exacting expectations.

We are proud to bring you fibre optic lighting systems of **unique performance**, absolute durability and proper sustainability. Our rapid-response design facility offers total flexibility in approach, while **decades of hands-on experience** bring the skill and confidence to ensure success in the most demanding contracts – anywhere, every time.

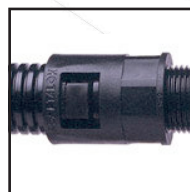


LIGHTING CONSULTANT: LIGHT'N UP





Nylon Conduit
Adaptalok Fitting
c/c White long profile lens fitting





FUNDAMENTAL

Fibre Optic lighting has long been established as the illuminating technology of preference where the artefacts being displayed have specific conservation needs.

This is the same from the largest international museums to the most personal private collection where the display environment has to be controlled with particular care and where critical security issues may prevail.

At Absolute Action, we work closely with curators and conservators to deliver the best balance between the conflicting interests of display and preservation, whilst at the same time respecting the practical need for future flexibility and user-friendliness.

Our range of fibre optic lightings systems for the illumination of all kinds of delicate exhibits is the result of years of evolution and development to suit changing fashions, emerging technologies and conservation considerations – and in so doing both to delight the viewing public, and to fulfil the individual requirements of our discerning clients.



LIGHTING CONSULTANT: LIGHT'N UP



LIGHTING DESIGNERS: DHA DESIGN

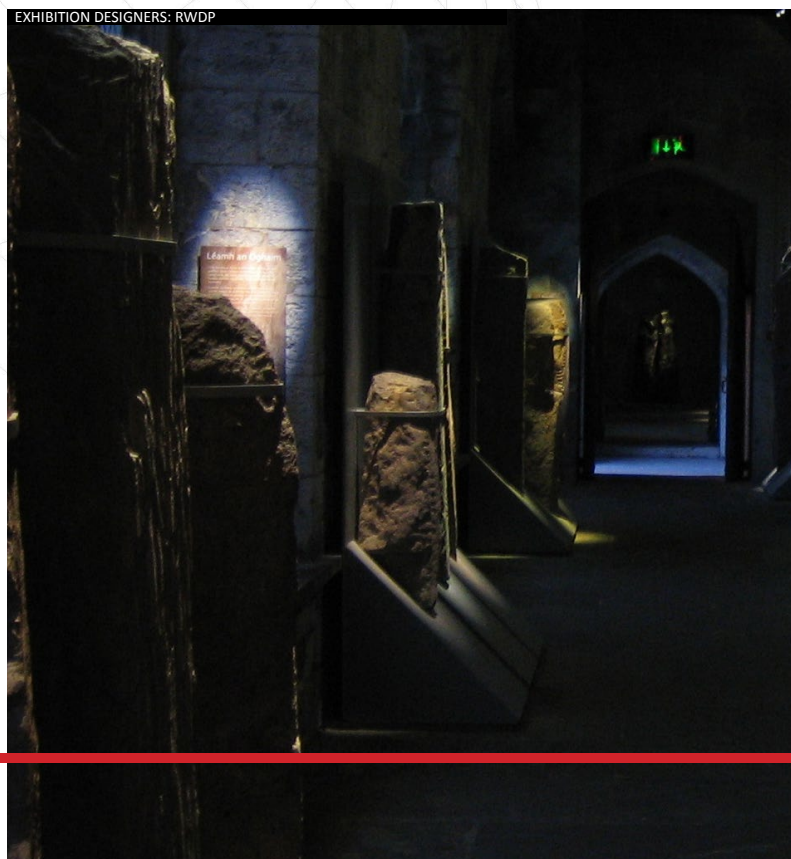
A PERFECT PARTNERSHIP

For the illumination of all kinds of ancient or sensitive artefacts there is no technology to match the unique advantages of fibre optic lighting, these being manifold:

- No ultra violet emissions at all – no fading or degradation
- No infra red emissions – no temperature fluctuations in the display environment.
- No heat at output – light heads are cool for quick and easy manual handling to perfect adjustment and focusing
- No maintenance at output – light heads can be located in hermetically sealed cases and never again need access
- Discreet outputs – minimal interruption to viewing
- Range of lamp type sources available – for excellent colour rendering and longevity
- Display flexibility from single source – to suit all shapes, sizes and sensitivities of artefact
- Low energy consumption – one system can power up to 50 light heads



LIGHTING DESIGNERS: IDEAS



EXHIBITION DESIGNERS: RWDP

- Extensive choice available from range of existing bracketry, plus the facility for custom-design, enables compliance with the most rigorous aesthetics
- Minimal and easy maintenance – accessible long-life lamp at source
- Permanence of carefully focused lighting – years of use from perfected work
- Optimum durability – a guaranteed return on the initial investment
- Future Flexibility – the provision from the outset of additional light heads into the original systems (remaining capped off until needed) means that additions to or re-arrangements of a collection can be readily accommodated.



LIGHTING: CANNON-BROOKES LIGHTING DESIGN



LIGHTING DESIGNERS: DAVID CLINARD





LIGHTING CONSULTANT: LIGHT'N UP

VARIETY AND FOCUS

sensitivity, from the most resilient – substantial rocks or faceted gemstones – to the most delicate – tiny insects or fragile fabric drapes.

Fibre optics provide a unique facility to use inter-changeable optical lenses to generate varying beam sizes and intensities to suit the precise display requirements every artefact, whether side by side, near or far.

Light from fibre heads can be projected through these lenses over large distances, or softly diffused from proximate locations, thus being suitable for all types of environments and spaces – from minute alcovas to vast vaulted caverns.

Light heads located at high level to avoid viewer shadowing never need to be accessed again for maintenance. The illuminating footprint delivered in a tightly collimated beam across great voids lands directly onto the displayed exhibit, eliminating glare and distracting spill.

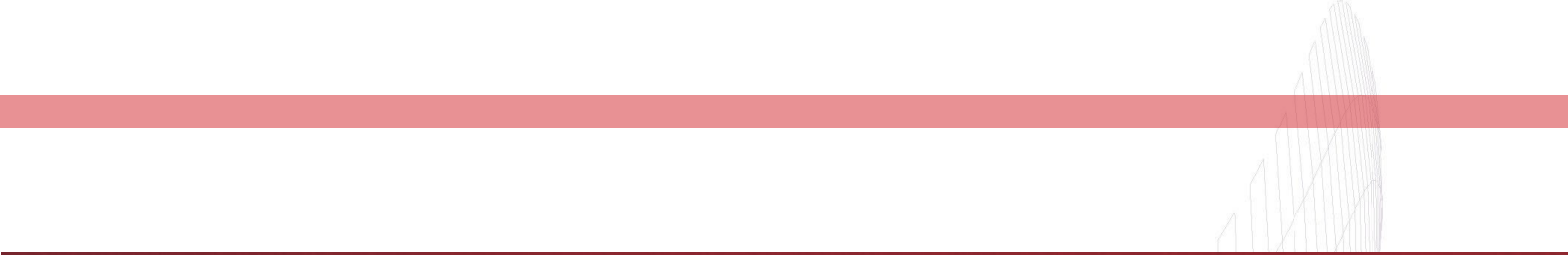
Other heads can be located in permanent hermetically sealed conservation cabinets, with remote maintenance never breaching the critically controlled interior environment.

One lighting system provides all the optical variety that is needed, from just one lamp.



Mini Track
45° Angled Mirror Fitting





EXHIBITION DESIGNER: JASPER JACOBS ASSOCIATES



DESIGN VISUALISATION

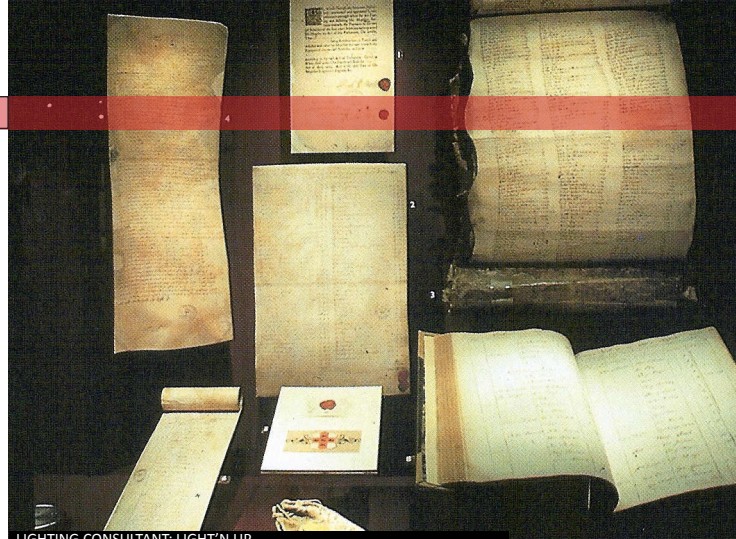
Over the years and all over the world, we have developed an extremely broad range of fixtures for the illumination of all manner of exhibits.

Some of these may simply be ceiling mounted, like miniaturised traditional lighting fixtures. Others are styled to be concealed around cornices and mouldings.

Some have their own discrete trunking, bespoke extrusions that can be simply fixed against a cabinet frame. These extrusions can be used actually as part of the vitrine's construction.

Slender crooks, flexi-heads, interconnecting extendable and articulated components, and mirrored devices add to the general mix of lensed applications, all providing for tremendous scope and flexibility in form and function.

For no other sector do we offer such a wide range of standard interchangeable components as well as bespoke solutions, and the process of evolution is continuous. All provide for optimum flexibility and control over the finished lighting effect to deliver the best possible balance between excellence in display and care in conservation.



LIGHTING CONSULTANT: LIGHT'N UP



LIGHTING CONSULTANT: LIGHT'N UP



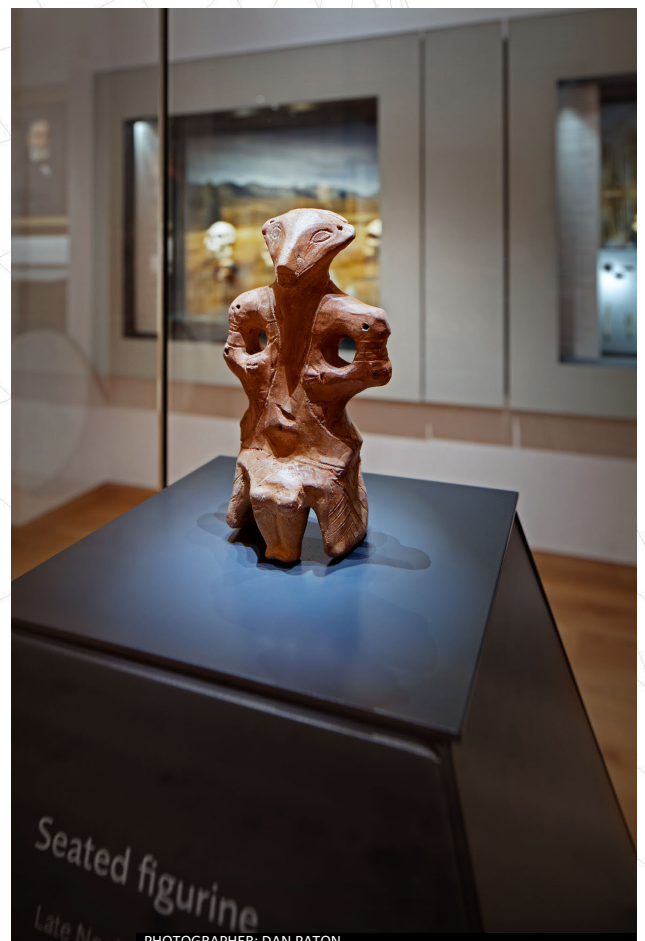
CRITICAL INTENSITIES

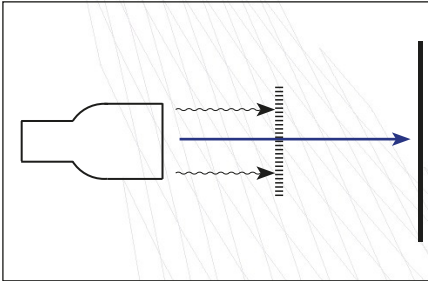
For no other application is intensity more critical than when dealing with the conservation requirements of frequently delicate historic artefacts – many of which are rendered even more sensitive by age and prior degradation under earlier, uncontrolled, conditions of display. Crucial care over future lighting and stabilised environmental conditions may be critical, and a decisive determinant to an exhibit's continuing availability for public view.

Lamps may be dimmed at source. With fibre optic lighting systems, this can be done mechanically, thereby sustaining critical balances in colour temperature to optimise viewing discrimination.

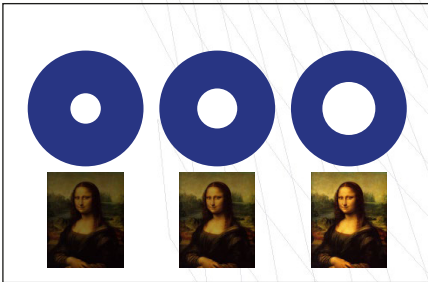
At output, each head can be made independently less intense via the application of a comprehensive range of optical filtration and diffusion options. Thus even the most faded document can be safely displayed in proper conditions of preservation.

Interactive conditions of illumination are an ideal solution which is readily achievable for situations where patterns of viewing attendance may be irregular.





1. Filter



2. Light Level



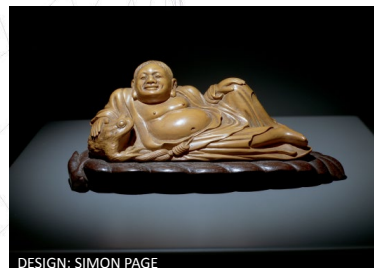
LIGHTING: CANNON-BROOKES LIGHTING & DESIGN



LIGHTING CONSULTANT: LIGHT'N UP



PHOTOGRAPHER: DAN PATON



DESIGN: SIMON PAGE





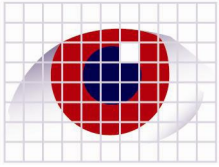
RELIABILITY AND DURABILITY

Being entirely passive and resistant, glass fibre optic lighting systems are exceptionally durable. With so few consumable components, their reliability is also assured.

Handled with care, they can be re-used time and time again, and are thus as valuable a tool for perfection in the presentation of temporary as well as permanent exhibitions.

For private individuals their simple user-friendliness and assured durability make them the natural partner of investment to complement that most special collection of artefacts or personal memorabilia.

The care and expertise that is vested initially in the process of professional focusing will endure in perfect rendition for as long as the presentation of the display itself.



Our passion is the creative application of fibre optic lighting technologies and their elegant integration into the built environment. We nourish ideas and work with our clients to develop and optimise them.

We work closely with designers and associated specialist trades to ensure the highest standards of bespoke design and workmanship and careful site integration. Installations in even the most awkward environments are thereby executed efficiently, on time, and to the highest degree of client satisfaction.

We encourage you to take advantage of our unique technical expertise and unsurpassed experience to realise breathtaking and original results with total confidence, time after time.