

CONSERVATION LIGHTING/HOME AND BUSINESS

Let There Be Light

*W*e take light for granted, but it's essential to our everyday living, second only in importance to food, clothing and shelter. Despite the importance of light, lighting is often the last item to be included in construction planning. Thanks to revolutions in science, fibre optic lighting technology now offers a solution to get excited about. This safe, effective, and relatively inexpensive lighting technology is a must have for all new construction projects.

Good lighting betters all design. It improves productivity, safety, and now sustainability. When a home or office is equipped with good lighting, its effects are often so subtle the lighting itself goes unnoticed. But walk into an office or home fitted with poor lighting and it's instantly recognizable. Bad lighting is hot; it's throws glares on computer and TV screens, and it bleaches hot spots into fine furniture, not to mention it keeps the electric bill sky high.

As an architect, engineer, facility manager, general contractor or homeowner you should be aware of the new advances in fibre optic lighting. Fibre optic lights are the very best conductors of light known today. They are energy efficient and offer substantial savings on installation, maintenance and operations.



Fibre optic lighting protects artwork and spotlights objects or areas in your home such as your home theatre

Like LED lighting, you can use fibre optic lighting as flexible, high-level direction lighting like spotlights to highlight your task or accent an architectural feature. Or, you can use fibre optic lighting as ambient lighting both indoor and outdoor.

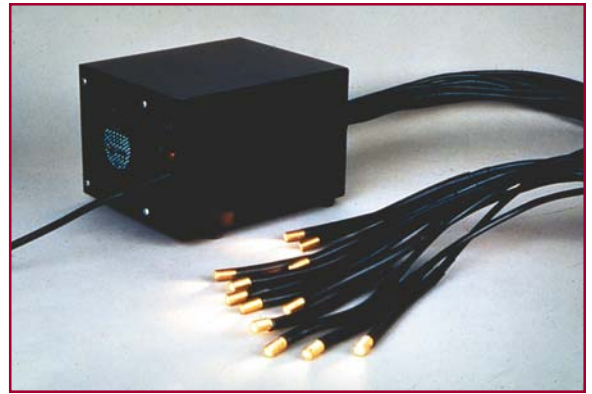
Also like it's LED cousin, fiber optic lighting can be flush mounted, concealed in structures or retrofitted into many chandeliers, wall sconces, or table and floor lamps. But unlike its LED cousin, color rendition is nearly perfect and organic materials like leather, wood, and paper are protected from the harmful infrared light used in conventional lighting.

Although it sounds high tech and complicated, fibre optic lighting is easy to install and maintain, requiring the simple replacement of a 6,000 hour halide lamp. Although the fibre optic glass strands contained in light guides are highly flexible, they are also strong. Unless rolled over with a truck, it's unlikely the fibre optic strands of glass will break, as



Retrofitting to resemble gas lights with fibre optics

they aren't sensitive to motion. This is why fibre optic lighting solutions are perfect for outdoor displays. They are essentially theft or vandal proof because they're impervious to vibration or disruption. Additionally, fibre optic lighting doesn't use electricity to power the glass strands, so its safer for water light features than traditional lighting.



Cool, long-lasting glass fibre optics' fuctional lighting yeilds substantial savings in installation, maintenance and operation

One cool-burning lamp can power multiple points of high level light, complying with the mandates set out by the Energy Conservation Commission and many state building codes.

So stop using unsightly track lighting and stop suffering from burned out bulbs that only add glare and heat and start using the environmentally friendly fibre optic lighting. They're long lasting, reusable, safe, affordable, and elegant.

To explore the use of fiber optics, visit www.literaryhilldesigns.com

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