

Fiber Spotlight

Fiber Optic Lighting solutions enable designers and architects to transform innovative ideas into stunning reality. With the freedom to incorporate a wide variety of special effects into your lighting design, it is now possible to combine creativity and functionality on a multitude of interior, exterior and custom applications.

Product Information

The Fiber Spotlight, a combination of innovative design and high-tech materials, is a fiber optic lighting system that generates diffuse light via four lighting points. The punctiform configuration with a 45° beam angle allows for optimal and comprehensive lighting of display case items.

A square display surface with four integrated spots is installed at a height of approximately 250 mm and is connected to the remote lightsource via a lightguide.

Advantages

A classical advantage of Fiber Optics is the separation of lightsource and light output. The remote position of the lightsource allows fast and easy maintenance. By using fiber optic products there is a virtually no heat development inside the showcases so that fragile and valuable objects remain safe and do not deteriorate.

Applications

Specialized lighting for display cases

Materials

- Side-emitting SCHOTT glass fibers
- Fiber optic lightsource
- Nickel-plated brass

Specifications

- Dimensions: total height 300 mm; display surface is installed at a height of 250 mm
- Color temperature: 3000 K/4200 K
- Color Rendering Index (CRI): > 90
- Typical Illuminance:
SCHOTT SpectraNova lightsource >> 2000 lx
100W halogen SCHOTT lightsource > 1000 lx

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