



LIGHTING COMPANY, INC

Project Name:  
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**Submittal**

**SIDE LIGHT  
FIBER OPTIC CABLE**

Fixture Type:  
**FIBER OPTIC LIGHTING**

Approvals:  
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\_\_\_\_\_

Date:  
\_\_\_\_\_

Page: 1 of 1

Product Information:

**Mitsubishi ESKA Fiber Used Exclusively**

**Core:** Multi-Strand 0.75mm PMMA Fiber

**Outer Jacket:** Treated PVC Tube

**Outside Diameter (O.D.):** 3/8", 1/2" and 5/8"

**Spool Length:** 100m (328ft)

**Bend Radius:** Minimum 6 x fiber diameter

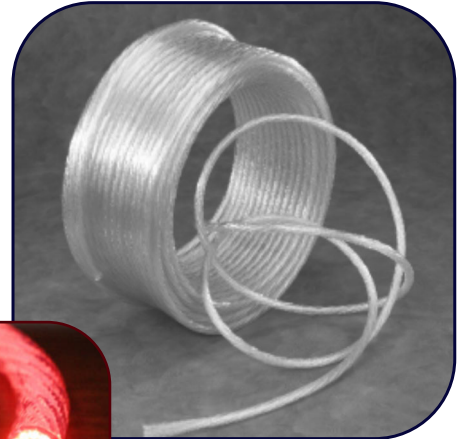
**Acceptance Angle:** 50°

**Numeric Aperture:** 0.60

**Operating Temperature Range:**

Minimum 5°F (-15°C)

Maximum 248°F (120°C)



Illuminated End View-Fiber Optic Cable

**Applications:**

- Glass Block
- Cove Lighting
- Highlight Architectural Features
- Exterior Signage
- Pool and Spas
- Step Lighting
- Landscape Lighting

Side Light optical cable is a multi-strand fiber which can transmit light over reasonably long distances.

Light is transmitted over the entire length of the cable without electricity or heat.

The light source is an illuminator placed at one, or both ends of the fiber.

Color wheels made of dichroic glass can be added to the illuminator to change the color of the fiber to as many as eight colors.

LED illuminators can also provide a single color, or RGB for multiple color changes.

A PVC outer tube is treated with fungicides and UV inhibitors for weather resistance.

The optic cable is energy efficient, flexible, and requires virtually no maintenance. It is available in 3/8", 1/2" and 5/8" diameters.

Spool lengths are 100 meters of continuous fiber.

