Plastic Fiber Optic Backlight Panel



Overview

Fiber optic backlighting panels can be integrated into panel assemblies and are ultra thin with tails connecting to the light source. BENEFITS OF FIBEROPTIC BACKLIGHTING Saves Cost. Use plastic optical fiber panels to create light where you need it and adding multiple layers can be used to enhance brightness while maintaining uniformity. This technology is commonly used in LCD and OLED displays. 010" diameter cladded plastic optical fibers. They provide even black lighting over a. Backlighting is a machine vision lighting method that provides a high contrast silhouette of a part or part segment. The object appears black against a uniform white background. Backlights can also be used with color filters, placed at the illuminator input end, to improve the contrast of colored. Dolan-Jenner, now a product line of Setra Systems, is an industry pioneer in Fiber Optic Illumination, providing solutions since 1962. Sign up for specials, promotions, and new product releases. Copyright © 2026 Dolan-Jenner.

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Article Content

Fiber Optic Backlight Panel

Fiber optic backlight panels are a type of display technology that uses fiber optics to direct light from a source to the back of a display screen, creating a uniform and

Fiber Optic Panels

UniGlo® processed backlighting panels are constructed of .010" diameter cladded plastic optical fibers. We can integrate a reflective backing to create a light guide panel as thin as .013". Multiple layers

Backlighting Panels

We design and manufacture custom backlighting solutions with custom electroluminescent panels (EL), fiberoptic backlighting panels, and LEDs.

Fiber Optic Backlights

Backlights can also be used with color filters, placed at the illuminator input end, to improve the contrast of colored components. Area backlights work well with 2D

QVABL 4x3 Fiber Optic Area Panel Lights (Back Light)

Standard Fiber Optic Area back lights with a large 4" x 3" uniform area of light for vision systems. They''re ideal for creating contrast for imaging. Pair with our

Area Backlights (Panel light)

Dolan-Jenner also has a full line of back lights, line lights, ring lights, gooseneck lights, and many other light source accessories. Used in many industries, Dolan

Plastic Optical Fiber RAYTELA™

In particular, it features a wider irradiation range, low bending loss, and superior rupture flexibility compared to standard plastic optical fibers, and it has been

Fiber-Optic Panel Backlighting Kit

The fiber-optic panels are 3” x 8.5” and come with the needed connectors and three LEDS (either green or white). The panels can also be used as mini flood lights

Guangzhou Rayera Technology Co.,Ltd.

We are the only complete fibre optic systems manufacturer in the china. This means we can offer rapid turnaround times on orders and build custom solutions to meet your needs.

Fiber-Optic Panels Provide Backlight With One LED

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Capable of backlighting full-travel computer keyboards and flat-panel, membrane switch overlays, the UniGlo plastic fiber-optic panels perform backlighting using a single 2.1V...

Fiber Optic Backlights

Fiber Optic Backlights offer high contrast, silhouetted images and are ideal for line scan camera applications. Find out more at Edmund Optics.

Fiber-Optic Panel Backlighting Kit

Overview Backlight the lettering on reverse engraved panels using FiberLites fiber-optic panels. The panels can be cut to width and normally one fiber-optic panel

Area Backlights (Panel light)

Dolan-Jenner is a top manufacturer of Fiber Optic Illuminators and lighting solutions. Dolan-Jenner also has a full line of back lights, line lights, ring lights, gooseneck

Home-Backlight Of Rayera

Established in 2016, Guangzhou Rayera Technology is a leading innovator in fiber optic lighting solutions and famous backlight manufacturer in China. Our backlight are the top level in the world.

Fiberoptic Backlighting Panels

The company''s fiberoptic backlighting panels offer the high brightness of electroluminescent (EL) lamps (30+ Ft-L) without the degradation in brightness associated with EL. Ideal for LCDs, membrane

Fiber Optic Backlight

The UniGlo Optima fiber optic backlight from Lumitex offers a high brightness of 30+ Ft-L and more, depending on panel design and configuration. The Optima Technology is twice the

Illuminnation Lumitex Brochure | PDF | Optical Fiber

Woven Fiber Optic Lighting vary from single LEDs to low-current incandescent lamps to Light enters the panel through each highly polished fiber end high

Fiber Optic Cable

Fiber Cable Belden''s extensive line of indoor and outdoor cable products is offered in tight buffer and loose tube designs. Armored, burial, and ruggedized designs

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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