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4.25" x 3.37" Fiber Optic Backlight



4.25" x 3.37" Fiber Optic Backlight, #39-826

Stock **#39-826** 1 In Stock

-

1

+

A\$1,648⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-9	A\$1,648.00 each
Qty 10-24	A\$1,483.20 each
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Note: This item requires accessories for use | [Learn More](#)

Product Downloads

SPECIFICATIONS

General

83.00

Packing Fraction (%):

Fiber Optic Light Guide

Type of Illumination:

Compatible Light Guide Adapter:	
SX: #38-946	
MX: #66-908	
Geometry:	
Backlight	
Physical & Mechanical Properties	
Ferrule Diameter (inches):	
0.562	
Length (inches):	
Fiber: 48	
Construction:	
Black Anodized Aluminum Housing	
Optical Properties	
Acceptance Angle (°):	
68.00	
Numerical Aperture NA:	
0.55	
Fiber Diameter (µm):	
50.00	
Transmission Loss:	
10% per Feet @ 600nm	
Wavelength Range (nm):	
400 - 2000	
Regulatory Compliance	
Reach 174:	
Compliant	
Certificate of Conformance:	
View	

PRODUCT DETAILS

[Light Guide Adapters](#) are required to mate the low profile Fiber Optic Line Lights with [fiber optic illuminators](#).

- High Contrast, Silhouetted Images
- Highly Diffuse, Even Light Distribution
- Ideal for Line Scan Camera Applications
- Used in 2D Vision Systems

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 components. Area backlights work well with 2D vision systems. [Light guide adapters](#) needed to mate with [fiber optic illuminators](#).

TECHNICAL INFORMATION

