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50mm FL, Focusing Assembly for 1/8" or 1/4" Fibers



Stock #58-837 **20+ In Stock**

- 1 + £141^{.60}

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Volume Pricing

Qty 1-9	£141.60 each
Qty 10-24	£127.44 each
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Note: This item requires accessories for use | [Learn More](#)

Product Downloads

General

Accessory **Type of Illumination:**

Physical & Mechanical Properties

76.20 **Total Length (mm):**

Outer Diameter (mm):

Optical Properties

10.7 **Beam Divergence (°):**

50.00 **Focal Length FL (mm):**

1.2 **Spot Size at 6" Working Distance (inches):**

Threading & Mounting

N/A **Mount:**

Regulatory Compliance

[Compliant](#) **Reach 174:**

[View](#) **Certificate of Conformance:**

Product Details

- Reduce Divergence of Fiber Optic Light Guides
- Available in C- or T-Mount or Slim Mount
- Shape Output over Small Areas

Fiber-Lite Focusing Lenses are an essential component in reducing divergence of fiber optic light guides. Fiber optic light guides project a large, diffuse beam of light – not a collimated or focused spot. Lens assemblies at the end of the fiber can collect light efficiently and shape the output effectively over smaller areas. Fiber-Lite Focusing Lenses are available in two configurations – mounted in our C- and T-Mount components, or in a slim mount for direct integration with many of our light guides. The C- and T-Mount configuration requires a standard [Dolan-Jenner adapter](#), and can be used with any light guide. Additional accessories may be added with our [C- and T-Mount components](#). Stock [#58-837](#) can be used with any of our 1/8" or 1/4" light guides with tip diameters of 0.187" or 0.312". [#58-836](#) can be used with our semi-rigid and hybrid light guides with end-tip diameter of 0.500".