

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



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

-

1

+

₹15,300

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Note: This item requires accessories for use | [Learn More](#)

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General

Accessory

Type of Illumination:

Physical & Mechanical Properties

76.20

Total Length (mm):

28.58

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:
United States	Country of Origin:
Edmund Optics India Private Limited	Imported By:

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 ¼" 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".