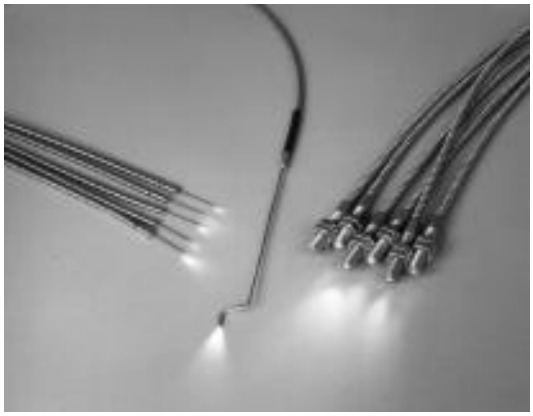
Dolan-Jenner industries

Introduction & Warranty

use Bookmarks tab or below links for navigation



How to use this catalog:

The aim of this catalog is to provide our customers with an easy-to-use guide of our comprehensive illumination and fiber optic product lines. To accomplish this, we have divided the catalog into the following sections:

I. Light Sources & Illumination Systems
II. Illuminator Accessories
III. Goosenecks and Accessories
IV. Ringlights and Accessories
V. Glass Fiber Optic Light Guides
VI. Quartz Fiber Optic Light Guides
VII. Custom Light Guides
VIII. Line Lights & Accessories
IX. Back Lights
X. Light Guide Accessories

*use Bookmarks tab or above links for navigation

Introduction:

Since 1962 Dolan-Jenner has grown to be one of the leading manufacturers of high quality fiber optic illumination systems, non-contacting fiber optic sensors, and machine vision fiber optic components. Dolan-Jenner is one of the few fiber optic companies in the world to integrate the design, engineering, and manufacturing of both glass and silica fiber optic assemblies in a single facility.

Dolan-Jenner manufactures a wide range of state-of-the-art illuminators and fiber optic configurations that provide lighting solutions. Our extensive portfolio of standard products has grown to over 1,000 units, but we also custom design products to suit individual customer requirements and OEM applications.

We serve industries such as industrial assembly, microscopy, forensics, quality control, packaging, materials handling, as well as semiconductor, research, laboratory, medical and pharmaceutical markets.

Our approach to doing business with our customers is based on creating important relationships. We accomplish this through an emphasis on ISO 9001 certification, Danaher Business System (DBS) manufacturing principles, and superior customer service. Dolan-Jenner will exceed customer expectations through technical innovation and superior delivery of high quality, value-added sensing and illumination products.

Ordering Information:

All standard items listed in this catalog can be ordered by using either the appropriate sales code or the part number. We have an extensive and knowledgeable network of dealers available to process your order. Please contact us for the location of a dealer in your area and for details regarding pricing, payment terms and method of shipment.

Warranty:

Dolan-Jenner Industries warrants its fiber optic lighting products to be free from defective material and workmanship. Any products or parts thereof which are determined by Dolan-Jenner to be defective within one year from date of shipment, or time frame specified on specific product page, will be replaced or repaired at our option. This warranty specifically excludes both incandescent and quartz-halogen lamps, and fuses.

Any products which in our opinion have been subject to misuse, neglect, incorrect wiring, or where installation procedures are not in accordance with the instruction manual, are excluded from this warranty. Nor does this warranty extend to products on which repairs or alterations have been made outside the factory, on which the identification or serial number has been altered or to accessories not of our manufacture.

Our obligation with respect to products or parts covered by warranty shall be limited to repair or replacement, F.O.B. Boxborough, Massachusetts. In no event shall Dolan-Jenner be held liable for consequential or special damages, or for transportation, installation, adjustment, or other expenses which may arise in connection with such products or parts. This warranty is in lieu of all statements or warranties or guarantees, written or implied, by Dolan-Jenner or its authorized representatives.

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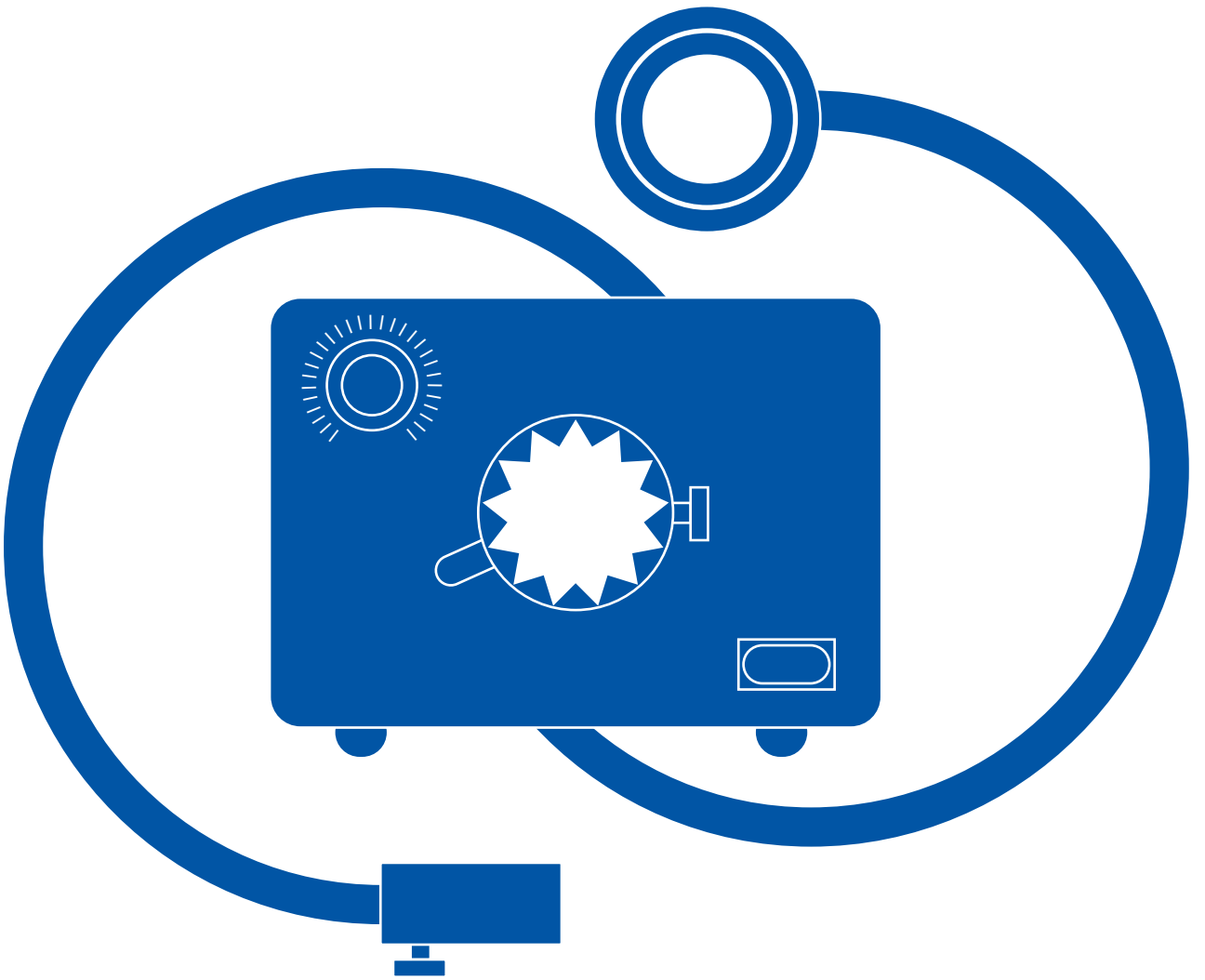
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Section: I

LIGHT SOURCES & ILLUMINATION SYSTEMS



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Fiber-Lite® Microscopy



Model LMI-6000

LED Fiber Optic Illuminator

Technical Information	
Light Output:	780 Lumens
Lighting:	High Power White LEDs
Input Voltage:	100 - 240 VAC 50/60 Hz
Color Temperature	Typical: 6000 K
LED Life:	25,000 Hours D65
Fiber Optic Interface:	15 mm or (25 mm optional)
Operating Temperature:	0 - 40°C
Cooling:	Fan Cooled
Intensity Control:	15 Step
Dimension/Weight:	3.9" W X 5.1" H X 7.0" DP/6.5 lbs
Appovals:	CE, RoHS

Standard Features:

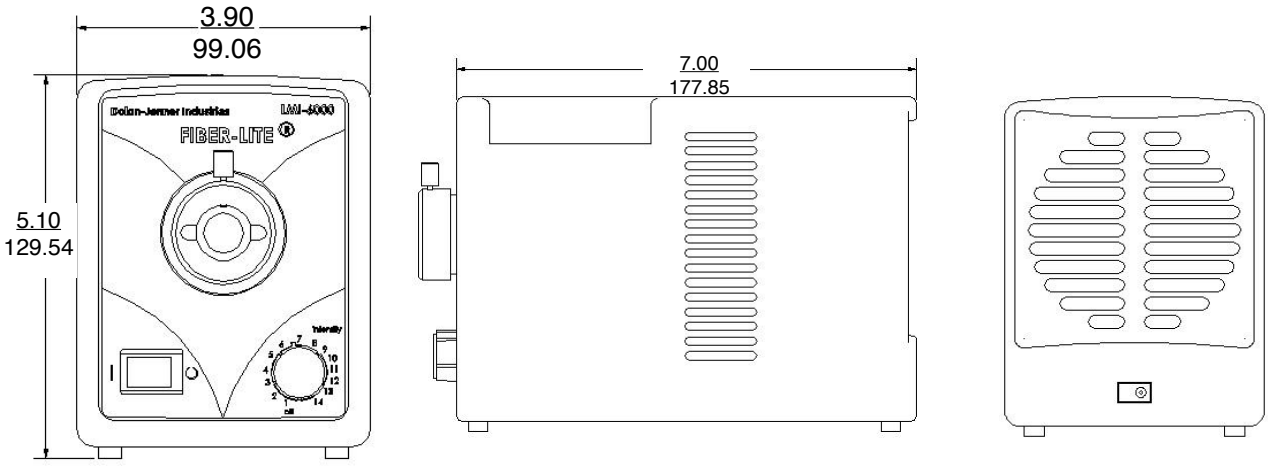
- High Power White LEDs
- Consistent Color Temperature
- Linear Light Intensity Control
- Designed to Couple to Most Dolan-Jenner fiber optics
- AC Power Supply
- Low Heat
- Low Voltage
- Stackable Housing
- Quick Change Adapters
- Small Footprint
- 1 Year Warranty

Accessories & Options:

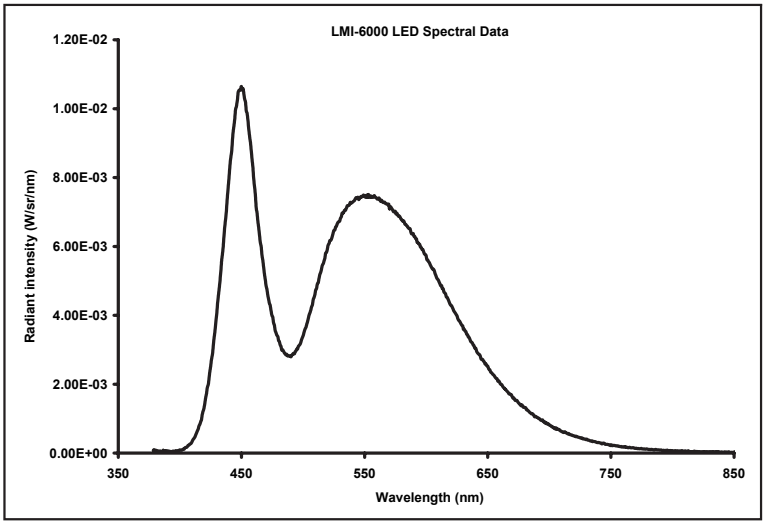
- "B" Adapter 15 mm ID accepts "MI-150" light guides
- "A" Adapter 25 mm ID accepts "SX" and "MX" series (preferred) adapters

Model Number	
LMI-6000-US-XX	Includes: 115 V US line cord
LMI-6000-EU-XX	Optional: 230 V Euro line cord
Option Suffix	**Description**
LMI-6000-XX-B1	15 mm (.590") Fiber Input Dia.
LMI-6000-XX-A2	25 mm (1.0") Fiber Input Dia.
LMI-6000-XX-DG	Includes Dual Gooseneck
LMI-6000-XX-SG	Includes Single Gooseneck
LMI-6000-XX-RL	Includes 60 mm Ringlight
LMI-6000-XX-RB	Includes 66 mm Ringlight

LMI-6000 Dimensions:



FRONT VIEW *SIDE VIEW* *BACK VIEW*



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Fiber-Lite® Microscopy

Model MI-150, MI-152, MI-157

150 Watt Illuminators





Standard Features:

- Low Noise, Low Vibration
- Easy Access Lamp Change
- Stackable Housing
- Solid State Intensity Control (10-100%)
- 3-Year Warranty
- UL/C-UL, CE

Accessories & Options:

- IR Filter and Holder
- Manually Adjustable Iris (see MI-157)
- Remote On/Off Switch
- Remote Variable Intensity

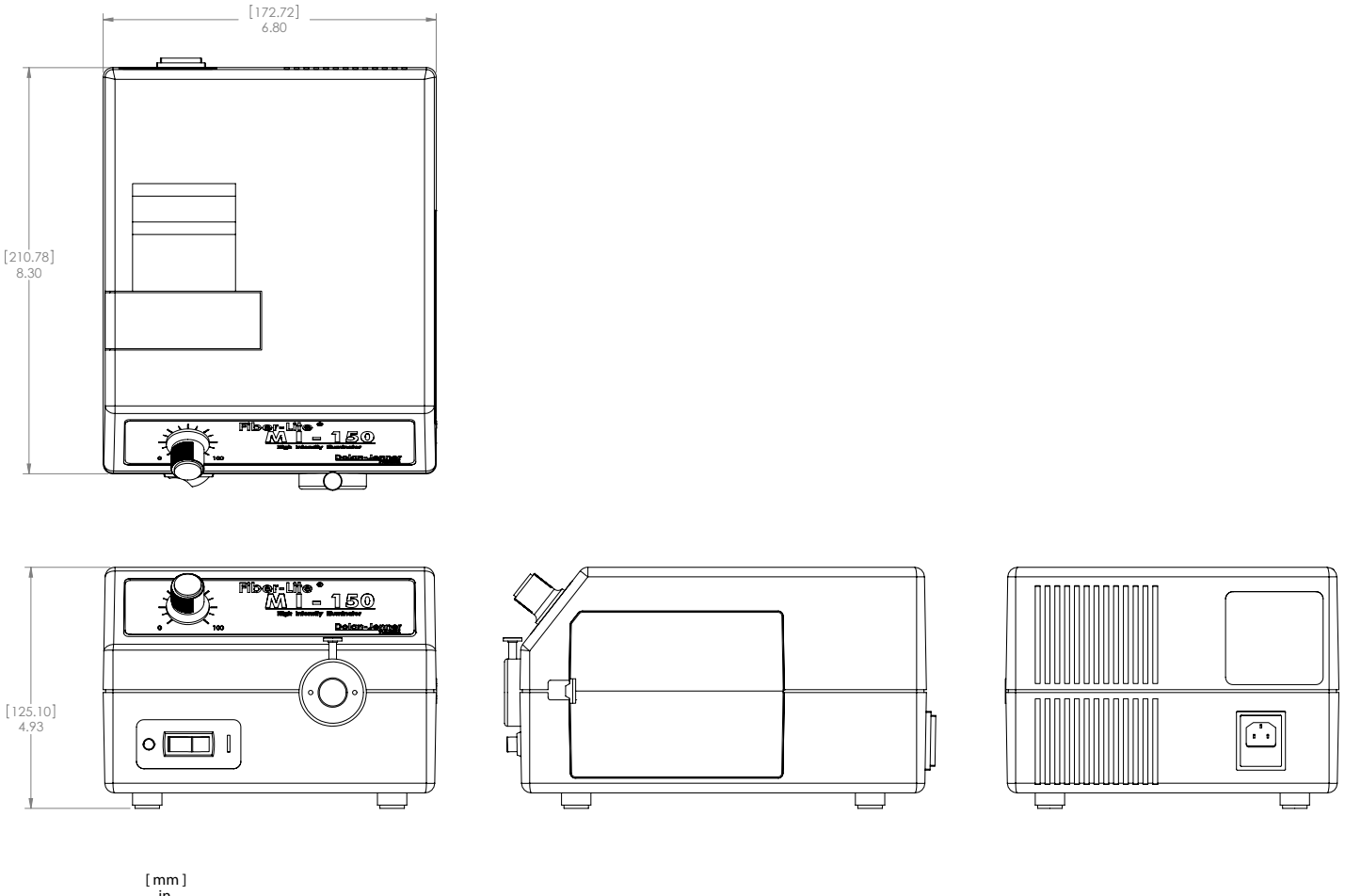
Technical Information

Model: P/N:	MI-150 660000391010	MI-152 660000461011	MI-157 660001224010
Input:	115 V AC (230 V AC optional)		
Lamp:	150 Watt, 21 V, EKE qtz halogen		EKE-X
Lamp Output:	1750 Lumens at fiber optic insertion plane		
Color Temp.:	3250° Kelvin at max. intensity		
Lamp Life:	200 hrs.		1000 hrs.
Fiber Optic Interface:	15mm	25mm	25mm w/ Manually Adjusted Iris
Intensity Control:	Solid state 10-100%		
Noise Level:	<25 dB		
115 V Safety Certifications:	UL, C-UL		
230 V Safety Certifications:	UL, CE, C-UL		
Dimensions:	8.8” x 8.3” x 5”; 9 lbs		

Options

115v w/ IR filter & holder:	MI-150F 660000391011	MI-152F 660000465011	MI-157F 660001224011
230v input:	MI-1501 660000392020	MI-1521 660000462011	MI-1572 660001224020
230v w/ IR filter & holder:	MI-1501F 660000392021	MI-1521F 660000467011	MI-1572F 660001224021

MI150 Dimensions:



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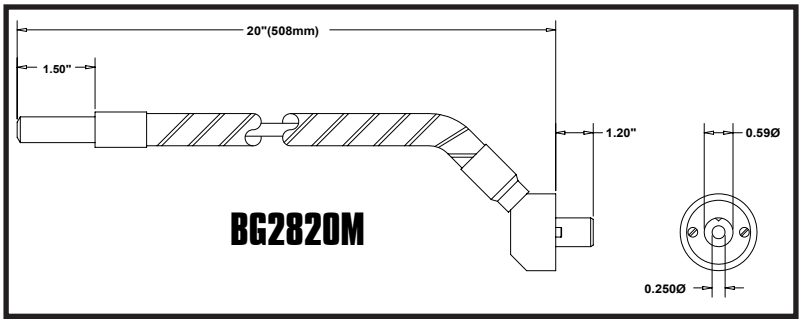
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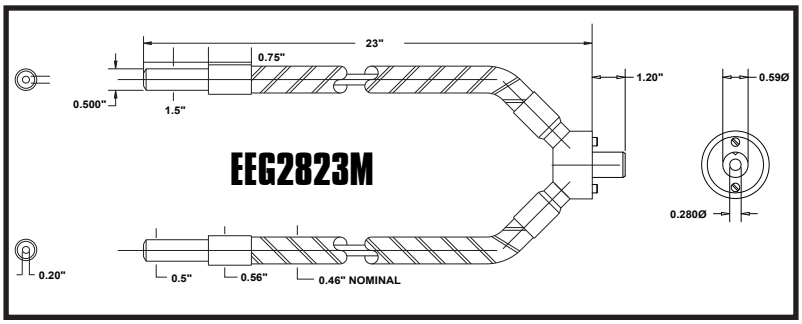
MI-150 Gooseneck Systems

Single or Dual Gooseneck Illumination









Standard Features:

- Self-Supporting Gooseneck
- Adjustable Light Postitioning
- LH-759 Light-Focusing Lense
- Low Noise, Low Vibration
- Easy Access Lamp Change
- Stackable Housing
- Solid state intensity control (0-100%)
- 3-Year Warranty
- UL/C-UL, CE

Accessories & Options:

- 230V Input
- LHP-PLZ Polarizer for LH-759 Lens
- Filter Holder, with IR and Color Filter Options

Model Number	
MI-150	U.S./Canada: 115V Cord
MI-1501	Europe: 230V Cord
Option	**Description**
MI-150SG	BG2820M Standard Single Gooseneck, (1) LH759 Focusing Lens
MI-150SG1	230V Cord, BG2820M Standard Single Goose-neck, (1) LH759 Focusing Lens
MI-150SGF	Option SG, Plus IR Filter & Holder
MI-150SG1F	230V Cord, Option SG, Plus IR Filter & Holder
MI-150DG	EEG2823M Standard Dual Gooseneck, (2) LH759 Focusing Lenses
MI-150DG1	230V Cord, EEG2823M Standard Dual Goose-neck, (2) LH759 Focusing Lenses
MI-150DGF	Option DG, Plus IR Filter & Holder
MI-150DG1F	230V Cord, Option DG, Plus IR Filter & Holder

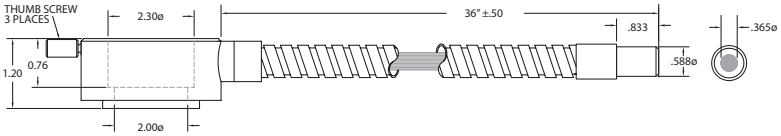
For Full MI-150 Technical Detail, Please Refer to MI-150 Series Illuminators Page.



MI-150 Ringlight Systems

Ringlight Illumination

A3739M



Standard Features:

- High Intensity at High Magnifications and Long Working Distances
- 360° Shadow-Free Illumination
- Low Noise, Low Vibration
- Easy Access Lamp Change
- Stackable Housing
- Solid state intensity control (0-100%)
- 3-Year Warranty
- UL/C-UL, CE

Accessories & Options:

- 230V Input
- Microscope-Specific, Direct Fit Adapters
- Filter Holder, with IR and Color Filter Options

Model Number	
MI-150	U.S./Canada: 115V Cord
MI-1501	Europe: 230V Cord
Option Suffix	**Description**
MI-150RL	A3739M Standard Ringlight
MI-150RL1	230V Cord, A3739M Standard Ringlight
MI-150RLF	Option RL, plus IR filter & holder
MI-150RA	Fits Nikon SMZ Series Microscope
MI-150RB	66 mm ID Universal Fit, 25° Transition
MI-150RC	66 mm ID Universal Fit, Straight Transition
MI-150RD	Fits Olympus SZ30, -40, -50 Series Microscopes
MI-150RG	Fits Leica S4E, S6D/E, S8APO Microscopes
MI-150RU	Fits Unitron ZST, ZSB (w/o aux lens) Microscope

For Full MI-150 Technical Detail, Please Refer to MI-150 Series Illuminators Page.

To Determine the Proper Microscope Adapter Needed for Your Application, Please Refer to Ringlight Adapters Page.

No FIber Optic Interface Adapters Required for MI-Series

See Ring Light Section for Full Technical Detail

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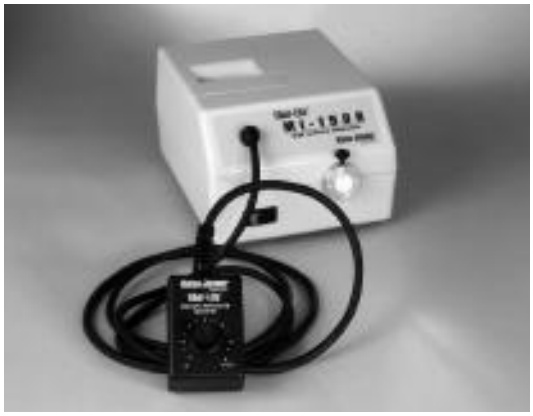
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Fiber-Lite® Microscopy



MI-150 Remote Systems

150 Watt Remote Control Illuminators





Standard Features:

- Low Noise, Low Vibration
- Easy Access Lamp Change
- Stackable Housing
- Solid State Intensity Control (0-100%)
- 3-Year Warranty
- UL Approved (115 V)

Accessories & Options:

- Optional 230 V AC Input
- Optional 12 ft. Controller Cord
- Optional Filter Holder & IR Filter

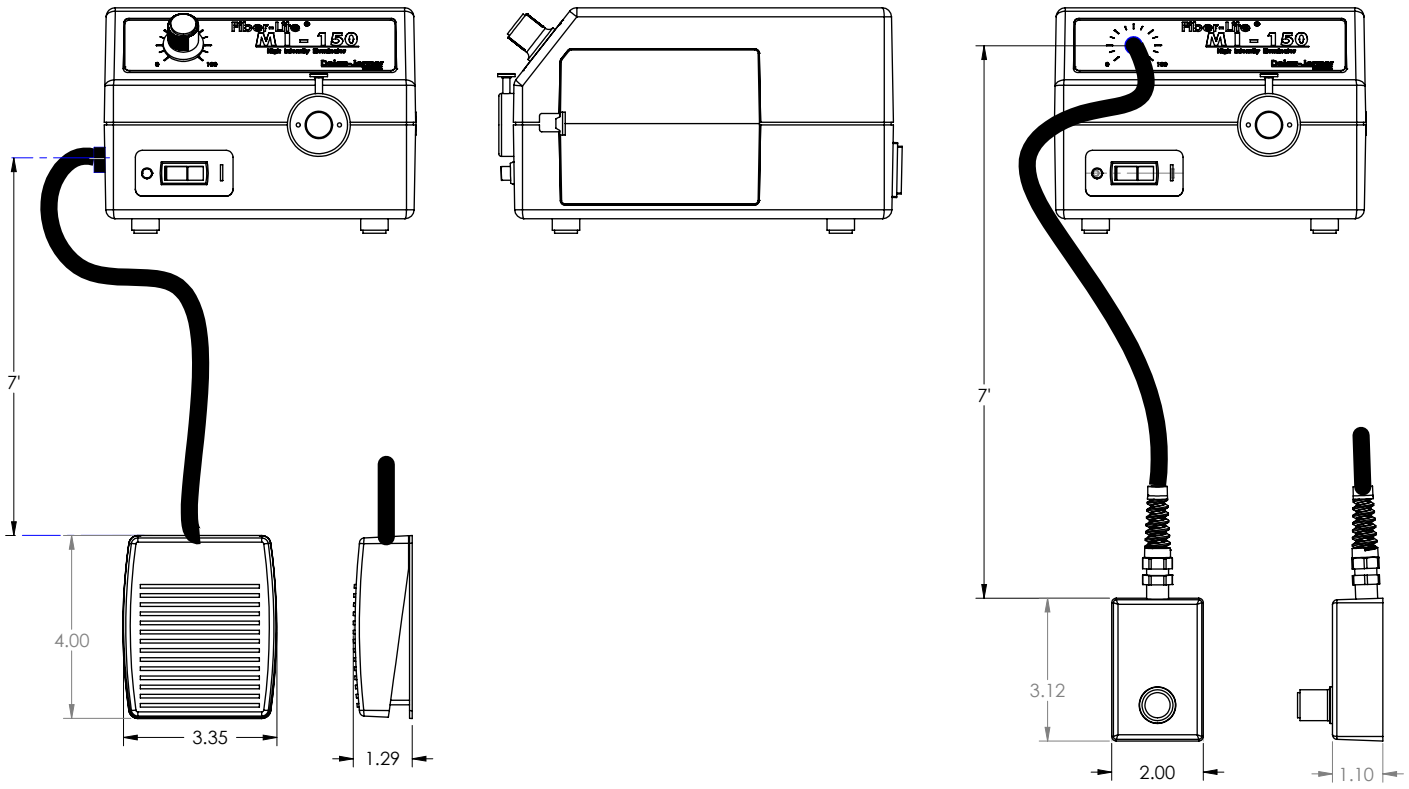
Technical Information

Model: P/N:	MI-150R 660000931010	MI-150V 660001070010
Remote Controller:	On/Off, Variable Intensity	On/Off Foot Switch
Controller Cord Length:	7 ft.	
Input:	115 V AC (230 V AC optional)	115 V AC
Lamp:	150 Watt, 21 V, EKE qtz halogen	
Lamp Output:	1750 Lumens at fiber optic insertion plane	
Color Temp.:	3250° Kelvin at max. intensity	
Lamp Life:	200 hrs. at max intensity	
Fiber Optic Interface:	15mm	15mm
Intensity Control:	Variable Solid State (0-100%)	
Fuse 115 V:	3 Amp 5x20mm Slo-blow	
Fuse 230 V:	2 Amp 5x20mm Slo-blow	N/A
Noise Level:	<25 dB	
Safety Certs:	UL (115V)	N/A
Dimensions:	6.0” x 8.5” x 5.3”; 9.25 lbs	

Options

230v input:	MI-1501R 660000932020	
115v w/ 12 ft Cord:	MI-150T 660000941010	
115v w/ IR filter & holder:		MI-150W 660001070011

MI-150 Remote Dimensions:



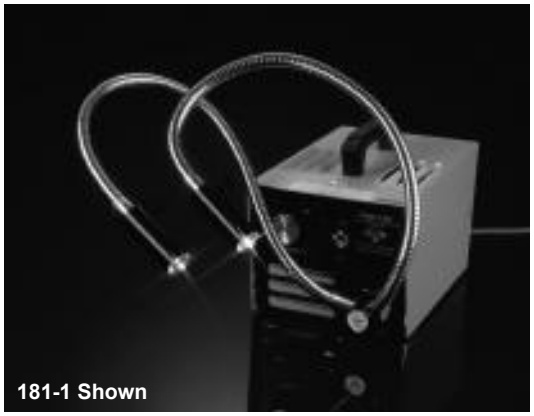
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Fiber-Lite® Microscopy


181-1 Shown

Model 180
Standard 150 Watt Illuminator

Standard Features:

- Low Noise, Low Vibration
- 40,000 Footcandles
- High Intensity, Cold Illumination
- Rheostat Intensity Control (50-100%)
- 2 Year Warranty
- Heavy Duty Steel Chassis

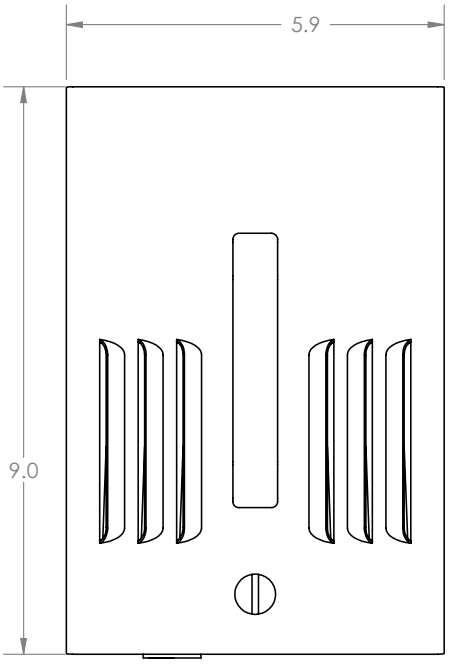
Accessories & Options:

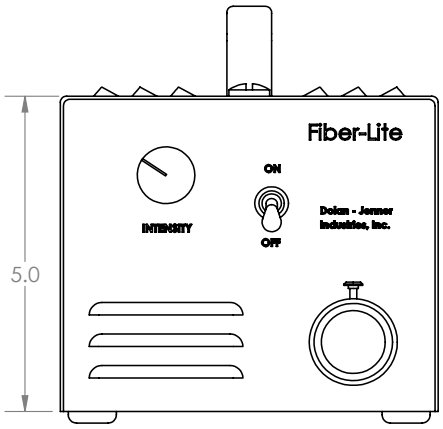
- 115 or 230 V AC
- Optional, 3400° K EJV Lamp

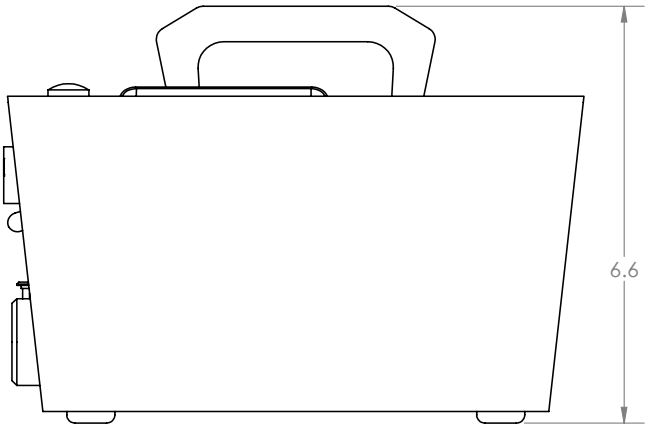
Technical Information		
Input:	115 V AC (230 V AC optional)	
Fuse:	2.5A 250V 3AG slow blow (115 V AC) 1.25A 250V 3AG slow blow (230 V AC)	
Lamp:	150 Watt, 21 V, EKE qtz halogen	150 Watt, 21 V, EJV qtz halogen
Color Temp.:	3250° Kelvin	3400° Kelvin
Lamp Life:	200 hrs. full intensity	40 hrs. full intensity
Lamp Output:	1750 Lumens at fiber optic insertion plane	
Fiber Optic Interface:	25mm A-Style	
Intensity Control:	Rheostat 50-100%	
Noise Level:	25 dB	
Adapters	SX, A-type adapter series	
115 V Safety Certifications:	N/A	
230 V Safety Certifications:	N/A	
Dimensions:	5.9” x 6.6” x 9.0”; 9 lbs.	

Model & P/N	
180 **002818100001**	115 Watt, 115 V AC Illuminator
Option	**Description**
181-1 **660000041001**	150 Watt, 115 V AC Illuminator w/ Dual Goose-neck
360-1 **660000130001**	150 Watt, 115 V AC Illuminator w/ A3739P Ringlight
180/220 **002818100002**	150 Watt, 230 V AC Illuminator
181-1/220 **660000041002**	150 Watt, 230 V AC Illuminator w/ Dual Goose-neck
360-1/220 **660000130051**	150 Watt, 230 V AC Illuminator w/ A3739P Ringlight

Model 180 Dimensions:







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Fiber-Lite® Microscopy



Model MI-30

30 Watt Convection Cooled Illuminator

Technical Information

Input:	115 V AC (230 V AC Optional)
Lamp:	30 Watt, 10.8 V, Type EKZ qtz halogen
Color Temp.:	3100° Kelvin
Lamp Life:	200 hrs. full intensity
Lamp Output:	10,000 Foot Candles
Fiber Optic Interface:	0.59"
Noise Level:	Silent, No Fan, No Vibration
Safety Certifications:	UL, C-UL, CE
Dimensions:	6.0" x 8.5" x 5.3"; 7.25 lbs.

Standard Features:

- 10,000 Footcandles
- Intense, Cold Illumination
- Convection-Cooled
- Sleek, Stackable Housing
- 3-Year Warranty
- UL, C-UL, CE Approved

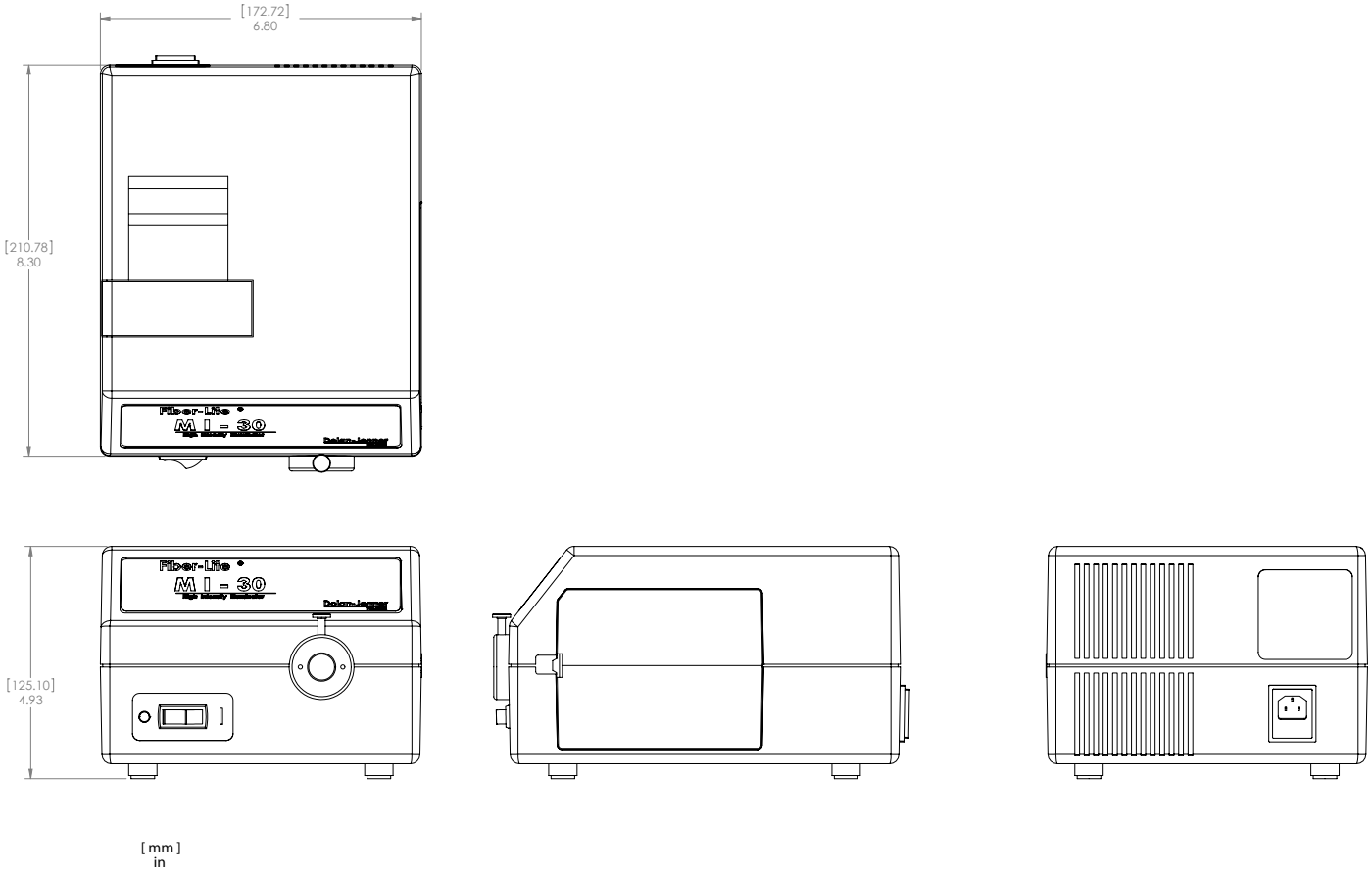
Accessories & Options:

- Optional 230 V AC Input
- Optional Single Gooseneck Light Guide
- Optional Filter Holder & IR Filter

Options

MI-30:	30 Watt, 115 V AC Illuminator
MI-301:	30 Watt, 230 V AC Illuminator
MI-30F:	30 Watt, 115 V AC Illuminator w/ Filter Holder & IR FIlter
MI-301F:	30 Watt, 230 V AC Illuminator w/ Filter Holder & IR FIlter
MI-30SG:	30 Watt, 115 V AC Illuminator w/ BGG1823M Single Gooseneck, (1) LH759 Focusing Lense
MI-301SG:	30 Watt, 230 V AC Illuminator w/ BGG1823M Single Gooseneck, (1) LH759 Focusing Lense
MI-30SGF:	30 Watt, 115 V AC Illuminator w/ BGG1823M Single Gooseneck, (1) LH759 Focusing Lense, Filter Holder & IR Filter
MI-301SGF:	30 Watt, 230 V AC Illuminator w/ BGG1823M Single Gooseneck, (1) LH759 Focusing Lense, Filter Holder & IR Filter

MI-30 Dimensions:



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190-1 Shown

Model 190

Convection Cooled 30 Watt Illuminator

Technical Information	
Input:	115 V AC (230 V AC optional)
Lamp:	30 Watt, 10.8 V, Type EKZ qtz halogen
Color Temp.:	3100° Kelvin
Lamp Life:	200 hrs. full intensity
Lamp Output:	1750 Lumens at fiber optic insertion plane
Fiber Optic Interface:	Threaded / Top Cover
Intensity Control:	4-Position Solid State Switch
Noise Level:	0 dB
Adapters	ST-type adapter series
Safety Certifications:	N/A
Dimensions:	5.25” x 5.50” x 7.50”; 9 lbs.

Standard Features:

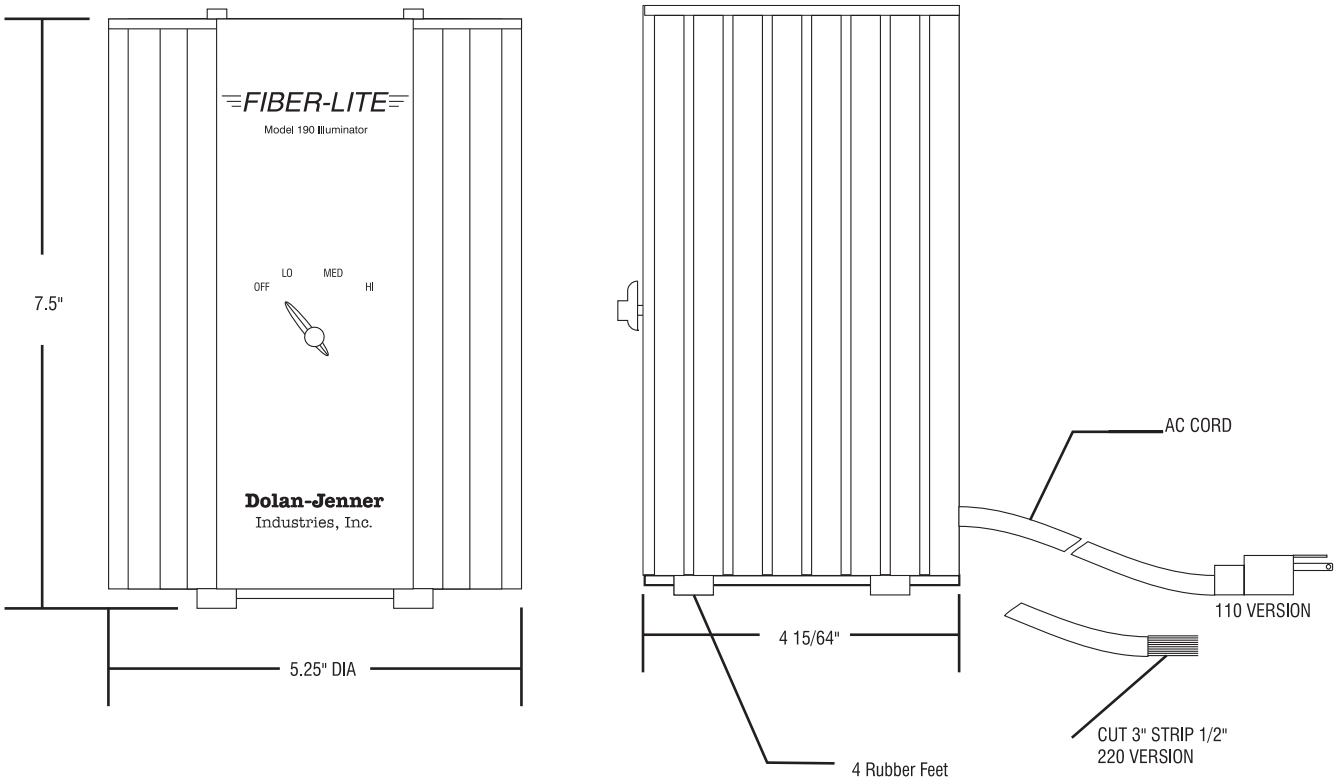
- No Noise, Vibration, or Air Particle Generation
- 10,000 Footcandles
- Intense, Cold Illumination
- 4-Postition, Solid State Intensity Control
- Rugged, Convection-Cooled Enclosure
- 2 Year Warranty
- Vertical Design for Small Footprint

Options	Model & PN
115V Input:	190 002819000100
115V w/ Single Gooseneck Light Guide:	190-1 002819010001
230V Input:	190/220 002819000200
230V w/ Single Gooseneck Light Guide:	190-1/220 002819010007

Accessories & Options:

- 115 or 230 V AC
- Optional Single Gooseneck Light Guide
- ST-1 Fiber Optic Light Guide Adapter

Model 190 Dimensions:



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Model 3100

30 Watt Small-Footprint Illuminator

Technical Information

Input:	115 V AC, 60Hz
Lamp:	30 Watt, 10.8 V, Type EKZ qtz halogen
Color Temp.:	3100° Kelvin
Lamp Life:	200 hrs. full intensity, 10,000 at min. intensity
Lamp Output:	10,000 footcandles at fiber optic insertion plane
Fiber Optic Interface:	25mm (A Style)
Intensity Control:	4-Position Solid State Switch
Adapters	SX series adapter
Safety Certifications:	N/A
Dimensions:	3" x 4.5" x 6.5"; 4.5 lbs.

Standard Features:

- Compact, Hard-Mountable to Specialty Equipment
- 10,000 Footcandles
- Intense, Cold Illumination
- 4-Postition, Solid State Intensity Control
- Light Weight & Rugged, High-Impact Plastic Housing
- 2 Year Warranty

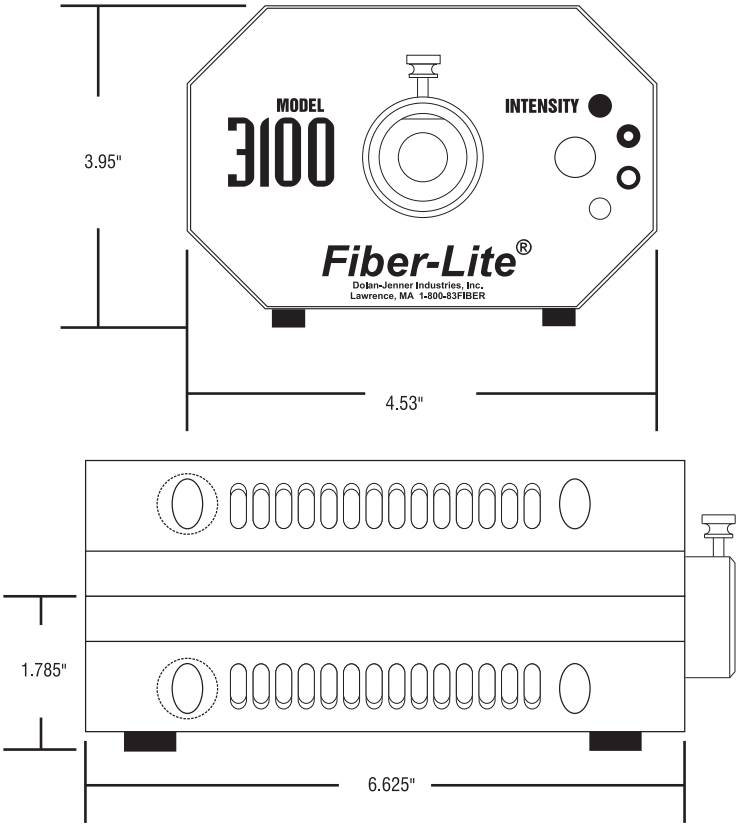
Options

3100 002831000000	30 Watt, 115 V AC Illumnator
3100-1 660000051001	30 Watt, 115 V AC Illumnator w/ BGG 1823M Single Gooseneck, (1) LH759 Focusing Lense
3100-A37P 660000051004	30 Watt, 115 V AC Illumnator w/ A3739P Ring Light, SX-10 Adapter

Accessories & Options:

- Optional Single Gooseneck Light Guide
- Optional 60mm ID Ringlight
- Accepts SX-Series Light Guide Adapters

Model 3100 Dimensions:



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Fiber-Lite® Machine Vision



Model DC950H & DC951H

150 Watt, DC Regulated Illuminator

Technical Information	
Input:	100-240 VAC 50/60 Hz Univ. AC
Lamp:	150 Watt, 21 V, EKE quartz halogen
Lamp Output:	1750 Lumens at fiber optic insertion plane
Color Temperature:	3250° Kelvin at max. intensity
Lamp Life:	200 hrs. at full intensity / up to 10,000 hrs. at lower levels
Fiber Optic Interface:	DC950H - 1.0 in. dia. DC950HB - 0.59 in. dia.
Light Output Regulation:	+/- 0.5% or better
Output Ripple:	0.4% or better
Intensity Control:	Solid state 0-100%
Remote Intensity Control:	0-5 VDC analog, optional 8-bit digital or RS232
Dimensions:	7.25” x 9.50” x 4.69”; 11.5 lbs

Standard Features:

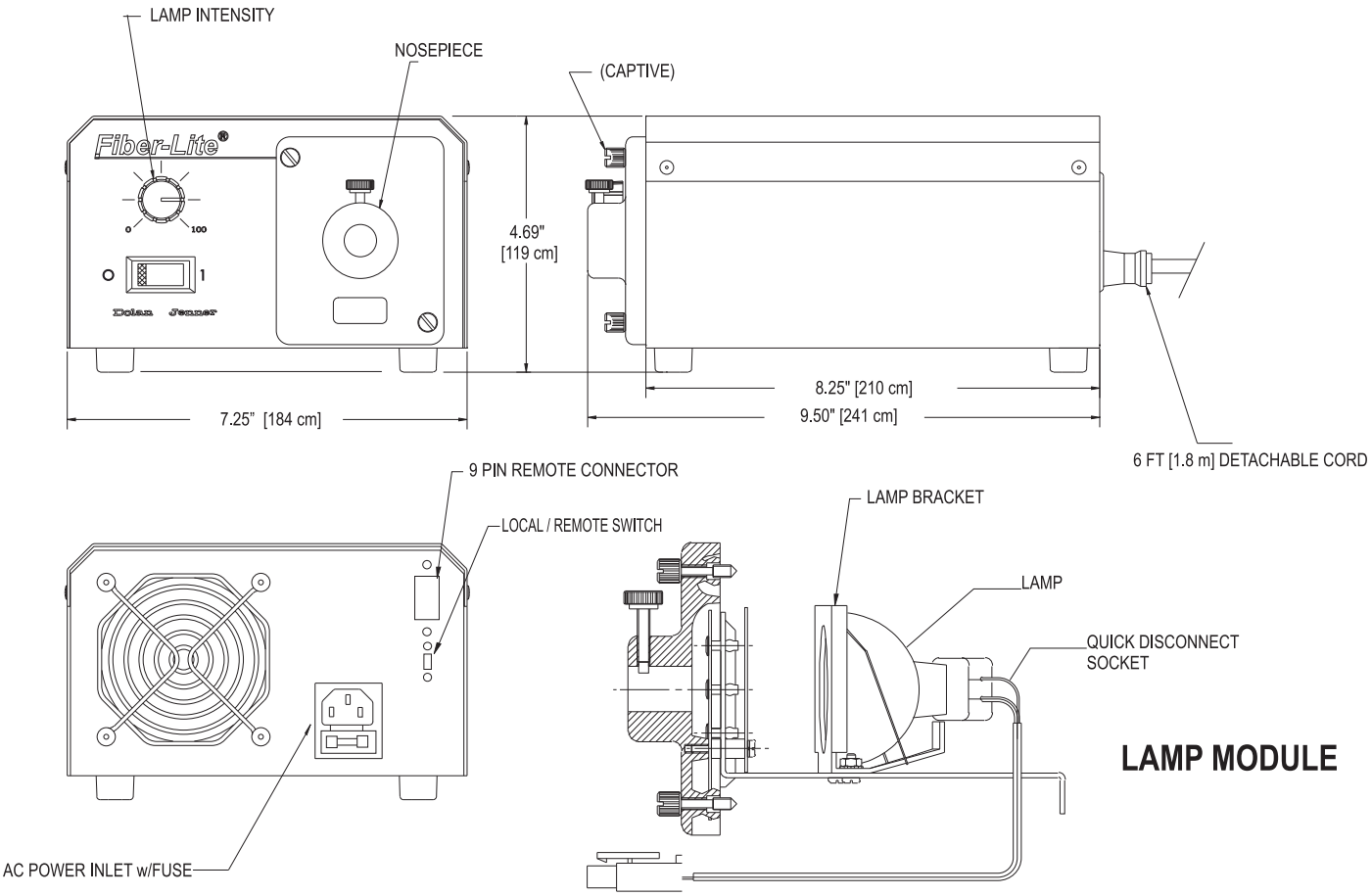
- RoHS compliant
- Light output regulation of +/-0.5% or better.
- 0-5 VDC linear remote control interface, with optional digital interfaces.
- Solid state intensity control (0-100%)
- Universal AC input power
- UL/c-UL, FCC and CE
- Color filtering options
- Easy lamp change
- Cool housing and nosepiece temp.
- Small Footprint
- 2 Year Warranty

Model Number	
DC950	U.S./Canada: 115V Cord
DC951	Europe: 230V Cord
Option Suffix	**Description**
H	1.0 in. dia. fiber optic interface
HF	Option H, plus IR filter & holder
HR	Option HF, plus manually adjustable iris
HB	0.59 in. dia. fiber optic interface
HBF	Option HB, plus IR filter & holder
HBR	Option HBF, plus manually adjustable iris

Accessories & Options:

- RS232 interface
- Remote digital analog converter
- IR filter and holder
- Manually adjustable iris

DC950 Dimensions:



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Fiber-Lite® Machine Vision



Model DC950 -HR, -HBF & -HBR

150 Watt, DC Regulated Illuminator



Standard Features:

- RoHS compliant
- Light output regulation of +/-0.5% or better.
- 0-5 VDC linear remote control interface, with optional digital interfaces.
- Solid state intensity control (0-100%)
- Universal AC input power
- UL/c-UL, FCC and CE
- Color filtering options
- Easy lamp change
- Cool housing and nosepiece temp.
- Small Footprint
- 2 Year Warranty

Accessories & Options:

- RS232 interface
- Remote digital analog converter
- IR filter and holder
- Manually adjustable iris

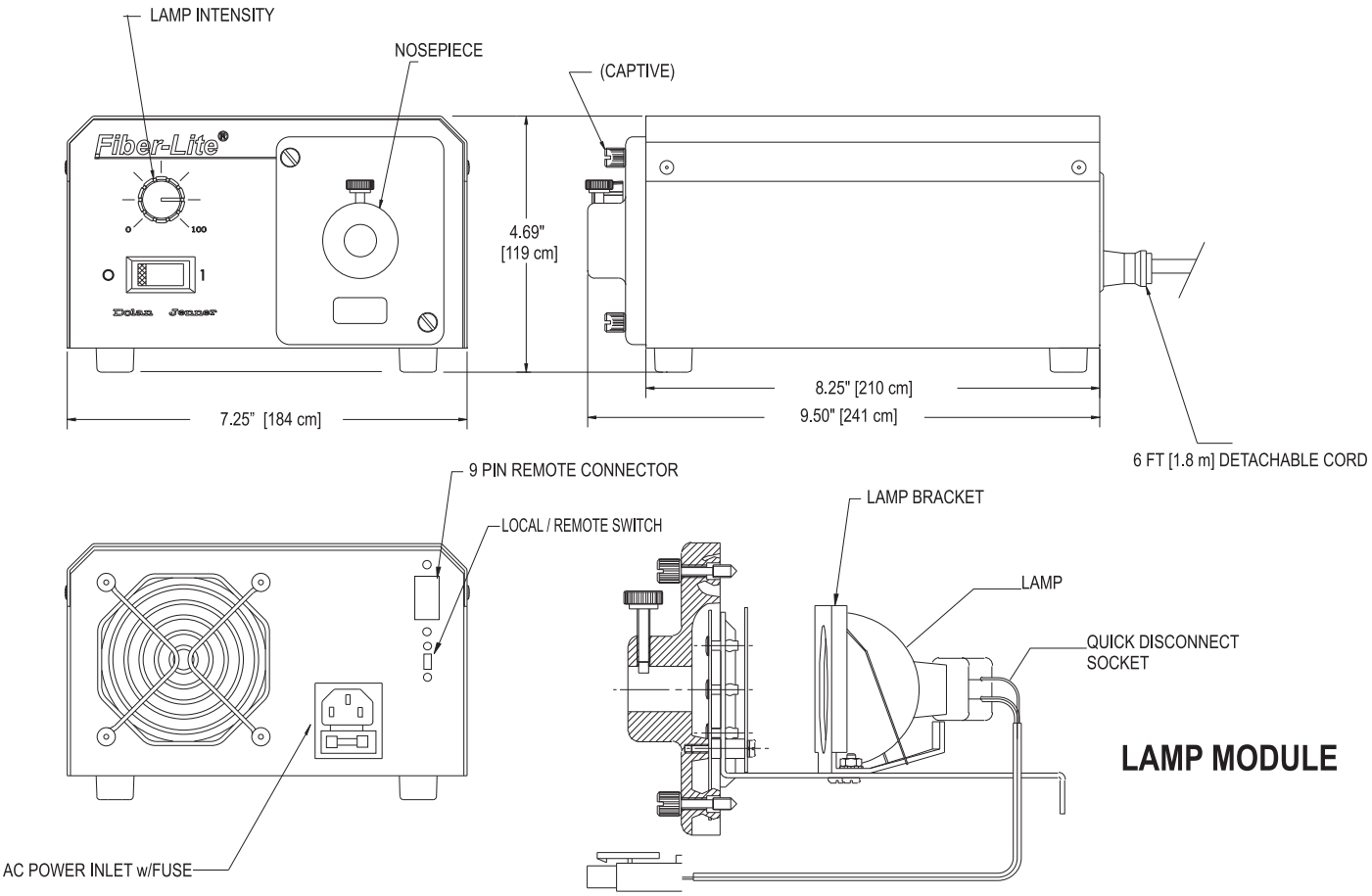
Technical Information

Model: P/N:	DC950HR 660001331910	DC950HBF 660001341710	DC950HBR 660001341910
Input:	100-240 VAC 50/60 Hz Univ. AC		
Lamp:	150 Watt, 21 V, EKE quartz halogen		
Lamp Output:	1750 Lumens at fiber optic insertion plane		
Color Temp.:	3250° Kelvin at max. intensity		
Lamp Life:	200 hrs. at full intensity / up to 10,000 hrs. at lower levels		
Fiber Optic Interface:	1.0 in.	0.59 in.	0.59 in.
Intensity Control:	Solid state 0-100%		
Remote Intensity Control:	0-5 VDC analog, optional 8-bit digital or RS232		
Light Output Regulation:	+/- 0.5% or better		
Output Ripple:	0.4% or better		
Dimensions:	7.25” x 9.50” x 4.69”; 11.5 lbs		

Options

IR Filter & Holder:	YES	YES	YES
Manually Adjusted Iris:	YES	NO	YES

DC950 Dimensions:



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Fiber-Lite® Machine Vision



Model A-241P

150 Watt, DC Regulated Power Supply

Standard Features:

- Light output regulation of +/-0.5% or better
- Remote On/Off and intensity control; Remote off leaves lamp filament heated; 0-5V intensity control; optional 8-bit digital intensity control w/ chip enable (CE)
- Solid state intensity control (0-100%)
- Universal AC input power
- UL/c-UL, FCC and CE
- 2 Year Warranty

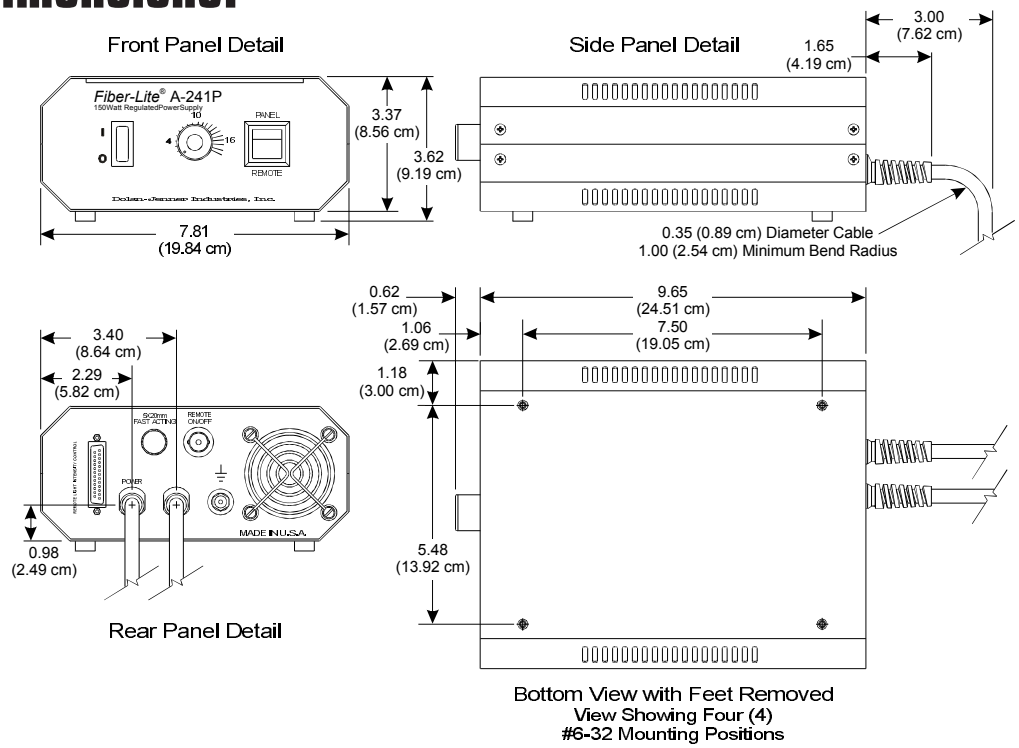
Accessories & Options:

- RS232 interface
- Remote DAC (digital analog converter)
- Remote lamp module (A-241L)

Technical Information	
Input:	100-240 VAC 50/60 Hz Univ. AC
Controls:	Front panel illuminated power On/Off switch, panel/remote operation selector switch, 0-100% panel intensity control potentiometer
Remote Intensity Control:	8-bit digital input w/ chip enable or 0-5V analog inplut
Ground:	On line cord and accessory ground at A-241P back panel
Line Cord:	7.5 ft. (2.29 m)
Fiber Optic Interface:	See Lamp Module A-241L
Light Output Regulation:	+/- 0.5% or better
Output Ripple:	0.4% or better
Intensity Control:	Solid state 0-100%
Remote Intensity Control:	0-5 VDC analog, optional 8-bit digital or RS232
Dimensions:	7.81” x 9.65” x 3.62”; 7.5 lbs

Model & P/N	
A241P **660000380000**	U.S./Canada: 115V Cord
Option	**Description**
A-241PA **660000380100**	A-241P, plus remote analog output
A-241DJ **660000380020**	A-241P, plus A-241L lamp module
A-241ADJ **660000380120**	Option A-241PA, plus option A-241DJ

A-241P Dimensions:



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Fiber-Lite® Machine Vision



Model A-241L

150 Watt Remote Lamp Module

Standard Features:

- High intensity 150 Watt quartz halogen lamp
- Color filtering capability w/ built-in fiter holder
- Light weight and compact for easy mounting
- A-Type nose piece accepts all standard Dolan-Jenner fiber-optic light guides and adapters

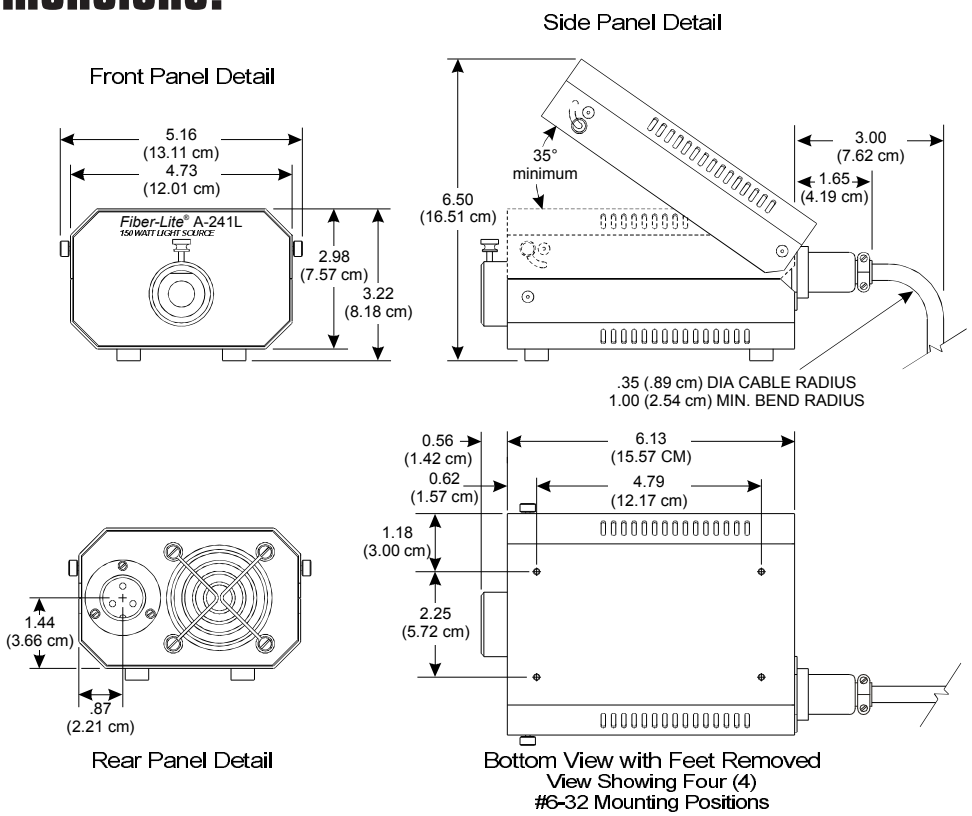
Accessories & Options:

- High output EJV lamp
- 50 mm IR & color filters

Technical Information	
Input:	21V DC
Lamp:	150 Watt, 21 V, EKE quartz halogen
Lamp Output:	1750 Lumens at fiber optic insertion plane
Color Temperature:	3250° Kelvin at max. intensity
Lamp Life:	200 hrs. at full intensity / up to 10,000 hrs. at lower levels
Fiber Optic Interface:	25 mm (A-Type)
Light Output Regulation:	+/- 0.5% or better
Output Ripple:	0.4% or better
Dimensions:	6.7” x 5.16” x 3.72”; 2.1 lbs

Model & P/N	
A-241L **660000610000**	5-pin connector for A-241 interface
Option	**Description**
A-241LE **660000610300**	A-241L w/ high outplut EJV lamp

A-241L Dimensions:



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Fiber-Lite® Machine Vision



Model MH100

Metal Halide Fiber Optic Illuminator

Standard Features:

- Up To 2x The Light Output of Standard Quartz Halogen
- Brilliant White Light Provides True Color Rendering & Balance
- 100 Watt AC Regulated Power Supply
- 100 Watt Metal Halide Lamp
- 5500°K to 6500°K Color Temp.
- 0-100% Intensity Control Via Manual Iris
- External Access to Color Filter
- Integral UV/IR Filter on Visible Light Models
- Cool housing and nosepiece temp.
- UV Model w/o Filter for Use w/ Quartz Fiber Optics for Use in Some UV Applications
- UL/C-UL Listed
- 2 Year Warranty

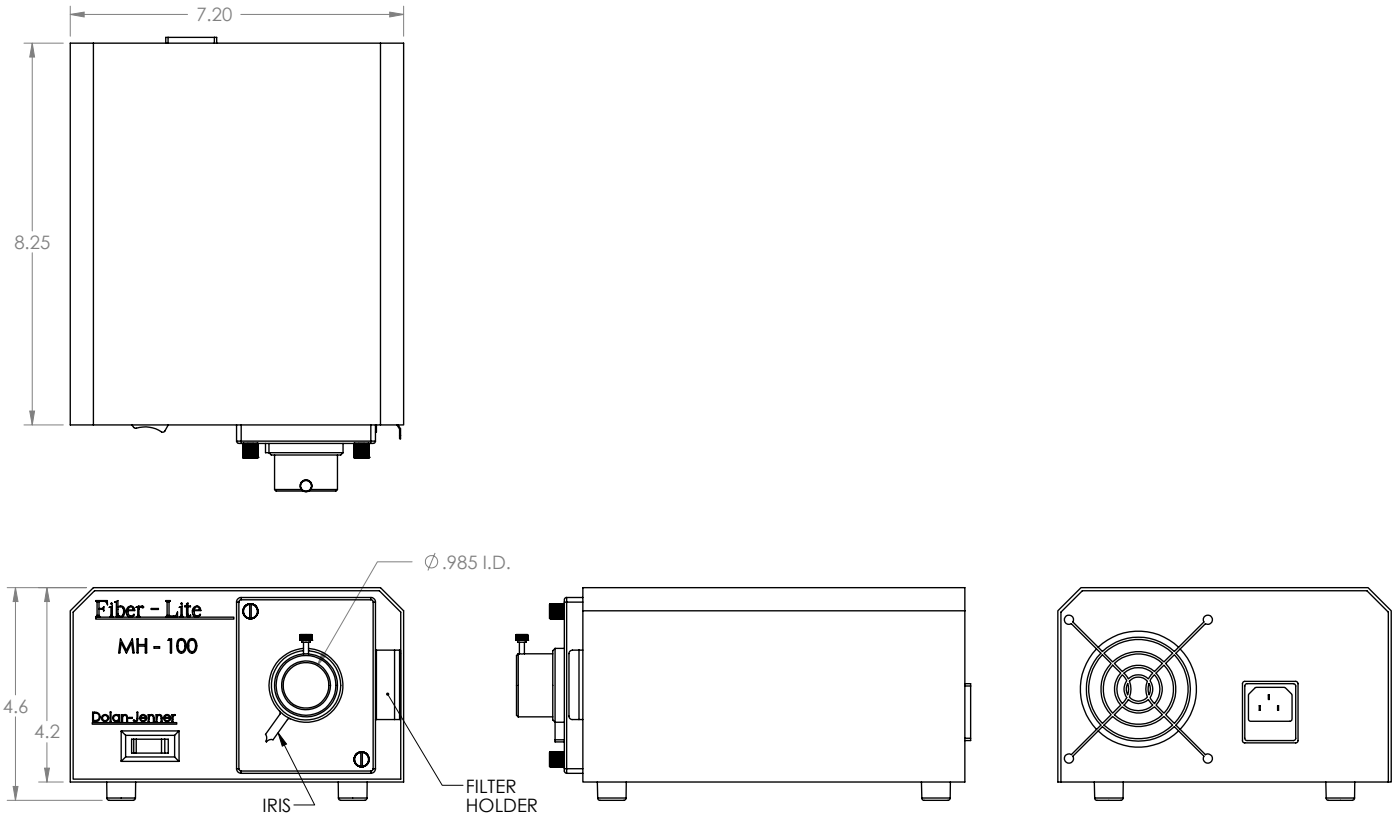
Accessories & Options:

- 35mm Color Filters
- External Filter Holder Standard
- Manually Adjustable Iris Standard

Technical Information	
Input:	115V AC 50/60 Hz; 230V AC 50/60 Hz
Lamp:	100 Watt Metal Halide
Lamp Output:	Up to 3000 Lumens at fiber optic insertion plane
Color Temperature:	6000° Kelvin at max. intensity
Lamp Life:	3000 Hours (Nominal to 60% initial intensity)
Fiber Optic Interface:	MH100A - 0.985 in. dia.
Light Output Regulation:	AC voltage regulated
Intensity Control:	Manual Iris 0-100%
Dimensions:	7.25” W x 9.50” D x 4.60” H; 12 lbs

Model & P/N	Option Description
MH100A 660001050102	115V AC, 0.985” Nosepiece, Manual Iris, External Filter Holder, North American Line Cord
MH100A1 660001051102	230V AC, 0.985” Nosepiece, Manual Iris, External Filter Holder, European Line Cord

MH100 Dimensions:



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Fiber-Lite® Machine Vision



Model I-260
Fiber Optic Strobe

Standard Features:

- Ultra High Intensity
- Short Flash Duration with uniform output to 20Hz
- 1:10 Variable Intensity Range
- Long Lamp Life
- 0.630 ID Fiber Interface Standard

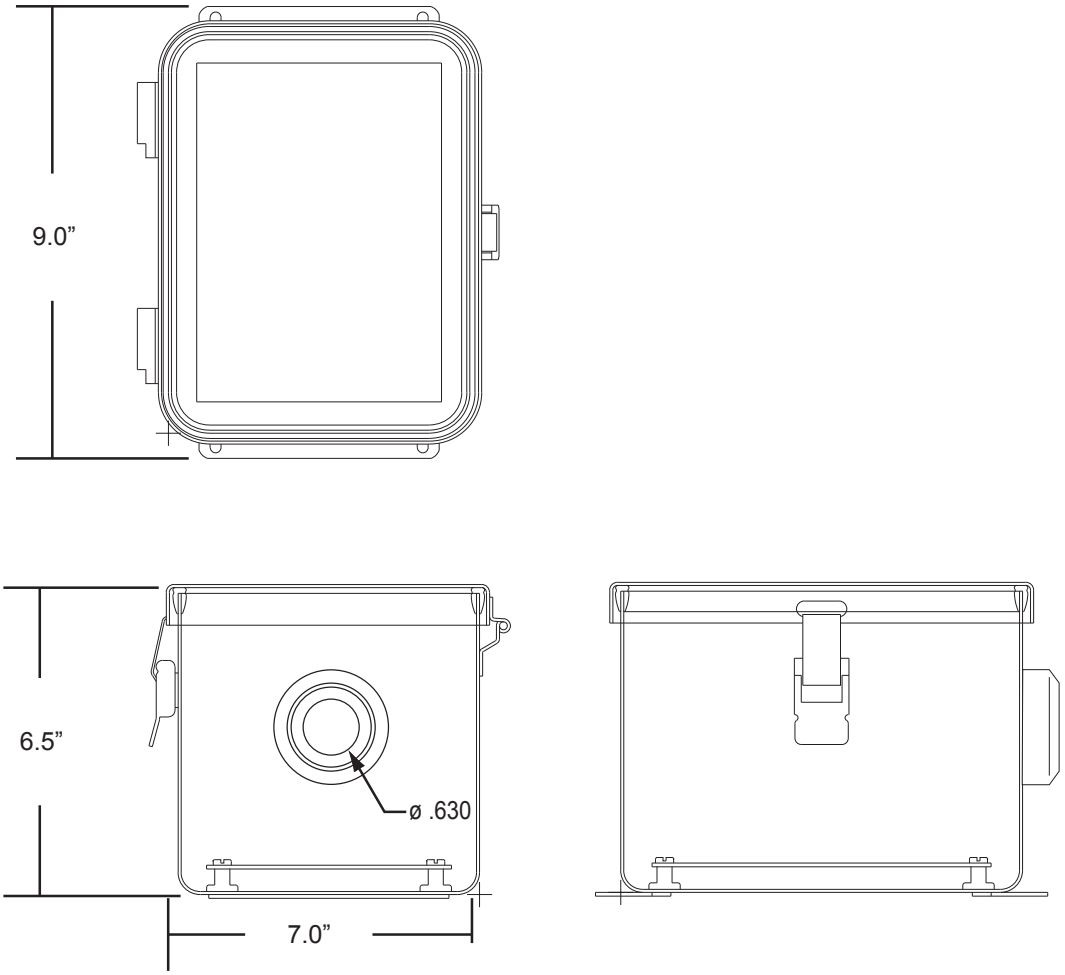
Accessories & Options:

- Broad Range of Fiber Optic Interfaces Available

Technical Information	
Flash Repetition Rate	I-260 @ 0-20 flashes per second max.
Remote Intensity Control	0-6V DC input
Internal Intensity Control	Potentiometer providing 1:10 intensity range
Turn-on Delay Command to Flash	2 microsecond typical
Trigger Input (Internal)	Push button switch
Trigger Input (External)	TTL compatible, +5V@20mA internal sync triggers on positive going edge
Power Supply	40Watts
Power Line Requirement	115V AC or 230V AC, 50/60Hz (factory set, specify on order)
Input Power to Flash Lamp	Maximum 2.16 joules/flash @ 20Hz
Light Output Pulse	<25 microsecond pulsewidth @ all energy settings at 1/3 of peak energy
Lamp Failure Signal Output	12V with 5 microsecond pulsewidth
Lamp Life	10^8 flashes while maintaining a minimum of 70% initial intensity
Enclosure	NEMA-12 rated
Weight	11.25 lbs. (5.1kg)

Model & P/N	Option Description
I-260 002826000000	115V AC, 0.630” Nosepiece, NEMA-12 Enclosure, North American Line Cord

I-260 Dimensions:



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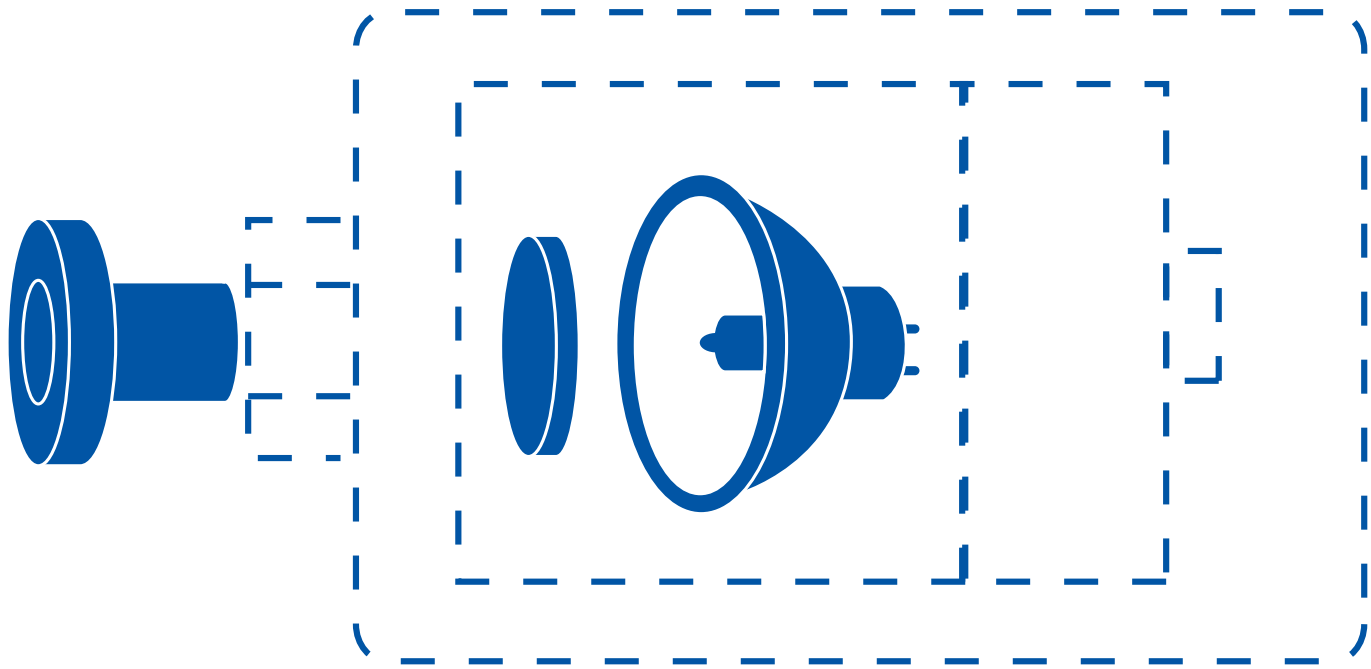
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Section: II

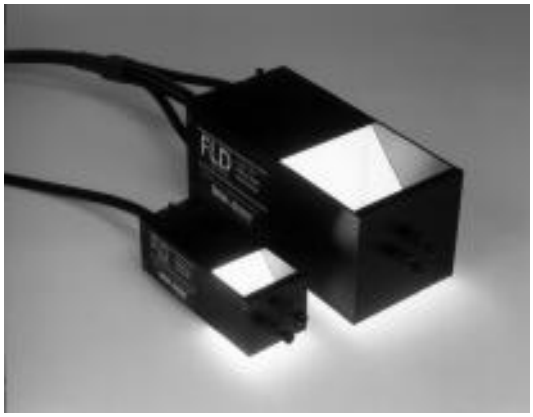
ILLUMINATOR ACCESSORIES



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DIFFUSED AXIAL ILLUMINATION



Model AI-2 & AI-4

Diffused On-Axis Illumination System

The AI-Series optical systems provide wide angle, on-axis, diffused illumination housed in factory hardened, industial rugged packages. The AI-Series' unique design allows the camera to view the object perpendicularly through the unit. As a result, highly reflective objects with uneven surfaces can reflect light to the camera from every point on their surface, eliminating glints and shadows. The AI-Series optical systems provide more uniform, diffused illumination than most lighting methods.

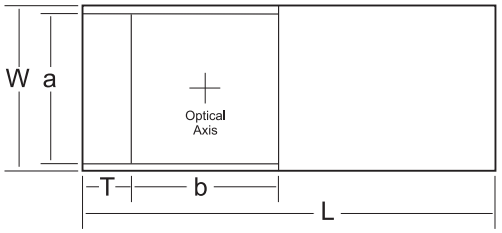
Standard Features:

- Diffused Illumination of Reflective Targets
- Factory Hardened, Industrial Rugged Construction
- High Intensity White Light
- Selection from a Variety of Illuminators Including Quartz-Halogen & Strobes
- Cool Temperature Operation
- No Vibration or Noise Generation
- Clean Room Compatible
- Visible Band-Pass Filtering Capability for Color

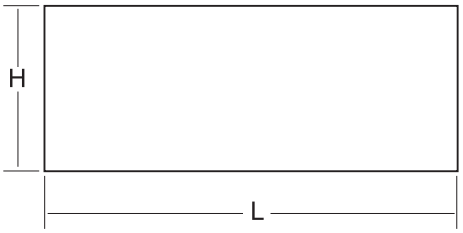
Model & P/N	Description
AI-2 **001430010000**	Diffusing illumination system w/ 2"x2" viewing window
B448 **002112007048**	48" light guide for use w/ AI-2 System
B448M **002112424048**	48" light guide for use w/ AI-2 System, direct-fit for MI-150 and B-Nose illuminators
AI-4 **001430020000**	Diffusing illumination system w/ 4"x4" viewing window
MBR3548 **002140010048**	48" quad multi-branch randomized light guide for use w/ AI-4 System
MBR3548M **002140020048**	48" quad multi-branch randomized light guide for use w/ AI-4 System direct-fit for MI-150 and B-Nose illuminators

AI-2 & AI-4 Dimensions:

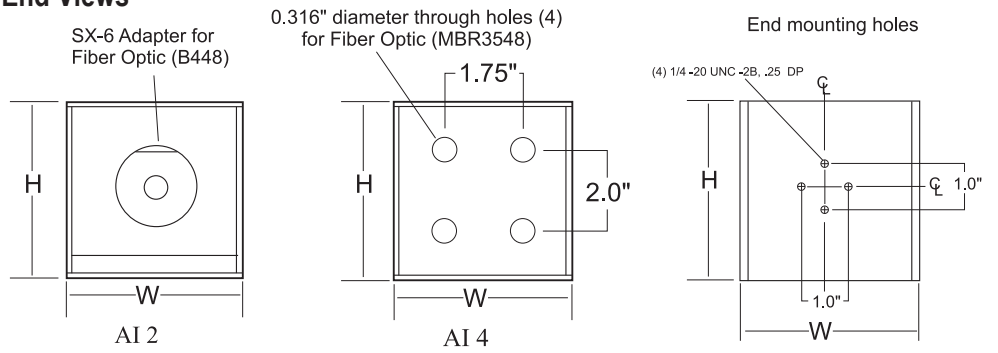
Top View



Side View

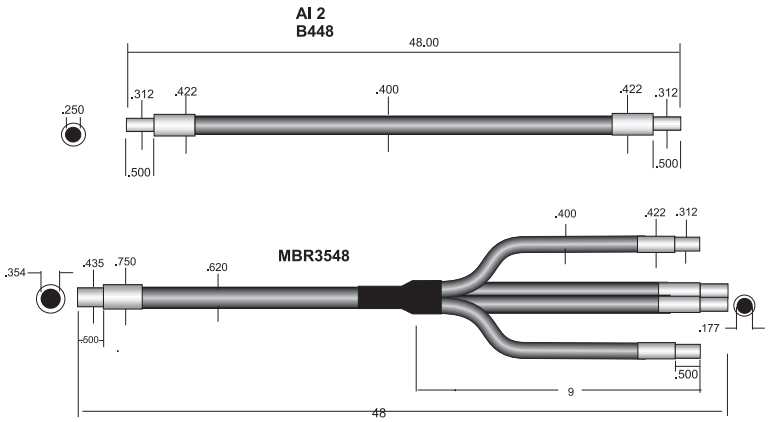


End Views



· For AI-2 allow 3" from back of unit for a 90° bend. The fiber has a minimum bend radius of of 1.5" and the bend should not be attempted for the first .75" after the termination

· For AI-4 allow 3.5" from back of unit for a 90° bend



Dimensions						
Model	a	b	L	W	H	T
AI-2	2.0”	1.75”	5.75”	2.25”	2.0”	.38”
AI-4	4.0”	3.7”	9.0”	4.25”	4.0”	.38”

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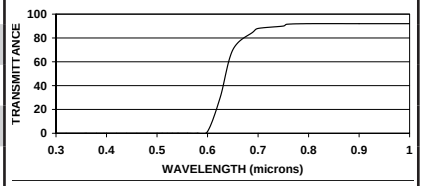
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Filters

Red



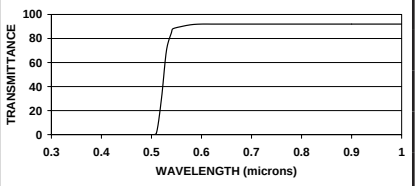
Model	Part Number	Dimension
FR1-60	SK72720004	25mm x 2.5mm w/ Tab
FR32-60	68600902560	25mm x 2.5mm
FR35-60	68600903274	35mm x 2.5mm
FR-60	68600902551	50mm x 2.2mm



Yellow



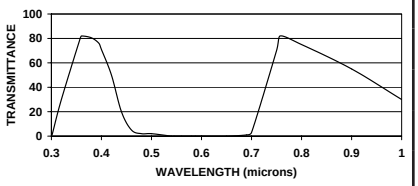
Model	Part Number	Dimension
FY1-52	SK72720005	25mm x 2.5mm w/ Tab
FY32-52	68600903568	25mm x 2.5mm
FY35-52	68600903567	35mm x 2.5mm
FY-52	68600902552	50mm x 2.2mm



Blue



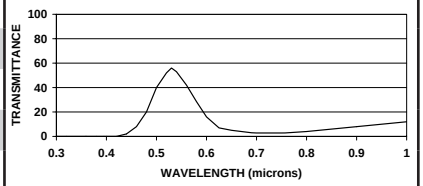
Model	Part Number	Dimension
FB1-370	SK72720003	25mm x 2.5mm w/ Tab
FB32-370	68600902559	25mm x 2.5mm
FB35-370	68600903275	35mm x 2.5mm
FB-370	68600903566	50mm x 2.2mm



Green



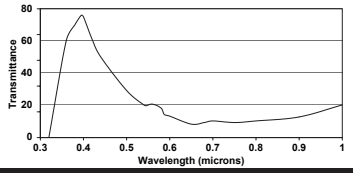
Model	Part Number	Dimension
FG1-533	SK72720002	25mm x 2.5mm w/ Tab
FG32-533	68600902558	25mm x 2.5mm
FG35-533	68600903278	35mm x 2.5mm
FG-533	68600902550	50mm x 2.2mm



Daylight (Light Blue)



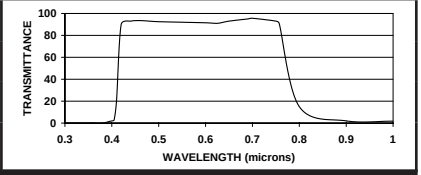
Model	Part Number	Dimension
FLB1-65	SK72720001	25mm x 2.5mm w/ Tab
FLB32-65	68600902556	25mm x 2.5mm
FLB-65	68600902553	50mm x 2.2mm



IR



Model	Part Number	Dimension
IR1-1	SK72720006	25mm x 2.5mm w/ Tab
IR32-1	68600902562	25mm x 2.5mm
IR-1	68600902555	50mm x 2.2mm



Filter Kits



Model	Part Number	Dimension	Included
FSA-100	SK7275	25mm x 2.5mm w/ Tab	SYF-100 Holder + R,Y,B,G,LB
FSA-3200	010030280000	25mm x 2.5mm	IR, R, Y, B, G, LB
FSA-35200	686000903280	35mm x 2.5mm	R, Y, B, G
FSA-200	010030240000	50mm x 2.2mm	IR, R, Y, B, G, LB

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Filter Holders

FILTER HOLDER FOR PL SERIES & MI SERIES



Model	Compatibility	Notes
FLH-PL/MI	MI-150, MI-152, MI-157 & MI-30 Series	-Includes IR Heat Filter -Accepts 25 mm dia. filters
Part Number	PL-800 & PL-900 Series	
010030410000		

FILTER HOLDER FOR DC SERIES



Model	Compatibility	Notes
FLH-DCH	DC-950A, DC-950B & DC-950H Series	-Includes IR Heat Filter -Accepts 25 mm dia. filters
Part Number		
010030410100		

FILTER HOLDER FOR MH SERIES



Model	Compatibility	Notes
FLH-MH	MH-100 Series	-Accepts 35 mm dia. filters -No IR filter included, MH-100 has internal IR filter
Part Number		
020631710035		

FILTER HOLDER FOR 180, 170D & 3100 SERIES & ALL A-TYPE NOSEPIECES



Model	Compatibility	Notes
SYF-100	180, 170D & 3100 Series	-Accepts 25 mm dia. tabbed filters -Holds up to 3 filters simultaneously -Accepts SX Series adapters
Part Number	Fits any A-Type 25 mm nosepiece	

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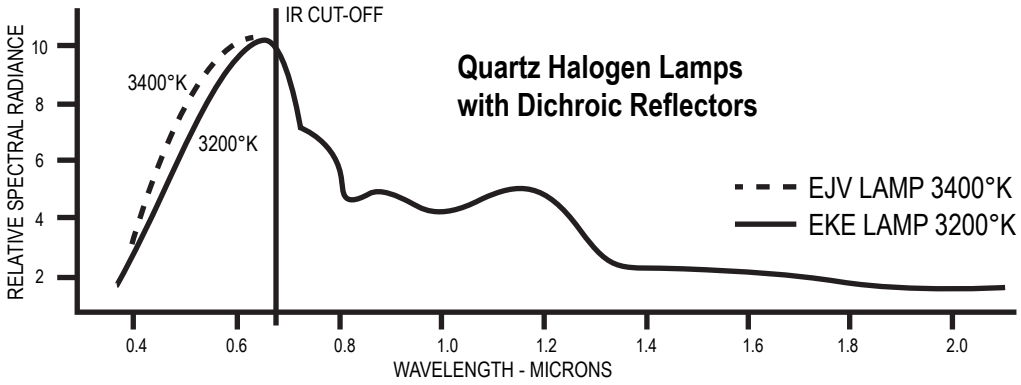
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Replacement Lamps

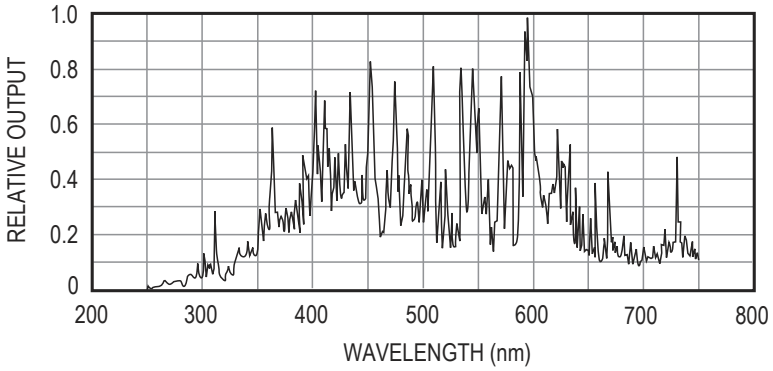
Model	Lamp	Wattage	Voltage	Dolan-Jenner Lamp PN	Optional Lamp	Wattage	Voltage	Lamp PN
170D	EKE	150	21	020158500000	EJV	150	21	020158520000
180	EKE	150	21	020158500000	EJV	150	21	020158520000
190	EKZ	30	10.8	020158510000				
3100	EKZ	30	10.8	020158510000				
PL750	EKE	150	21	020158500000	EJV	150	21	020158520000
PL800	EKE	150	21	020158500000	EJV	150	21	020158520000
PL900	EKE	150	21	020158500000	EJV	150	21	020158520000
DC950	EKE	150	21	020158500000	EJV	150	21	020158520000
A240L	EKE	150	21	020158500000				
A241L	EKE	150	21	020158500000				
A3000	DDL	150	20	020020000000				
A3200	DDL	150	20	020020000000				
Mi-30	EKZ	30	10.8	020158510000				
Mi-150	EKE	150	21	020158500000	EJV	150	21	020158520000
Mi-152	EKE	150	21	020158500000	EJV	150	21	020158520000
Mi-157	EKE-X	150	21	020158490000	EKE	150	21	020158500000
MH100	MHR-100	100	95	68600903162				
MVIND-150	EKE	150	21	020158500000				
I-260	MVS-2	-	n/a	020020210000				
FR7200	LF72	15	n/a	002830030010				
FR7200B	LF72B	15	n/a	002830030020				

Lamp Spectral Curves:

EKE/EJV



MHR100



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Light Guide Adaptors

A-Type - Fits 170D, 180, 3100, MI-152, MI-157, PL800A, DC950A, DC-950H, A-241L

Adapter	Model & P/N	Compatibility	Adapter ID
 SX-5, -6, -7, -9, -10, -11 (ID varies)	SX-5 020863031001	B6, B8, BA6, BA8, BX6, BX8, EE6, EE8 (also accepts all 3/16" OD end ferrules)	0.191" (4.85 mm)
	SX-6 020863031002	B4, BA4, BX4, EE4 (also accepts all 5/16" OD end ferrules)	0.316" (8.03 mm)
	SX-7 020863031003	EEG3736, MBR3548 (also accepts all 7/16" OD end ferrules)	0.439" (11.20 mm)
	SX-9 020863050001	Accepts all 1/2" OD end ferrules	0.506 (12.84 mm)
 SX-12	SX-10 020863050002	BXS2 Series and A3739P, QVABL (also accepts all 9/16" OD end ferrules)	0.565" (14.35 mm)
	SX-11 020863050003	EEG2823, EEG3922, AND BG2820 (also accepts all 5/8" OD end ferrules)	0.629" (15.98 mm)
 SX-13	SX-12 010040060005	Accepts Schott-Fostec type light guides with 0.72" OD	0.629" w/ 0.722 couter-bore
	SX-13 010041080000	EEG2823M, BG2820M, A3739M (also accepts all 15 mm OD end ferrules)	0.590" (14.90 mm)
 D-5, D-6	D-5 (Dual Use) 002930060001	B6, B8, BA6, BA8, BX6, BX8, EE6, EE8 (also accepts all 3/16" OD end ferrules)	2 x 0.191" (4.85 mm)
	D-6 (Dual Use) 002930060002	B4, BA4, BX4, EE4 (also accepts all 5/16" OD end ferrules)	2 x 0.316" (8.03 mm)

A-Type - Fits MI-152, LMI-6000-XX-A2 *Not Compatible w/ Gooseneck Light Guides

Adapter	Model & P/N	Compatibility	Adapter ID
 MX-5, -6, -14 (ID Varies)	MX-5 010040320001	B6, B8, BA6, BA8, BX6, BX8, EE6, EE8 (also accepts all 3/16" OD end ferrules)	0.191" (4.85 mm)
	MX-6 010040320003	B4, BA4, BX4, EE4 (also accepts all 5/16" OD end ferrules)	0.316" (8.03 mm)
	MX-7 010040320004	EEG3736, MBR3548 (also accepts all 7/16" OD end ferrules)	0.439" (11.20 mm)
 MX-9, -10 (ID Varies)	MX-8 010040320005	Accepts all 3/4" OD end ferrules	0.758 (19.24 mm)
	MX-9 010040320006	Accepts all 1/2" OD end ferrules	0.506 (12.84 mm)
 MX-8, -11 (ID Varies)	MX-10 010040320007	BXS2 Series and A3739P, QVABL (also accepts all 9/16" OD end ferrules)	0.565" (14.35 mm)
	MX-11 010040320009	Accepts all 5/8" OD end ferrules	0.629" (15.98 mm)
 MX-12	MX-12 010040320010	Accepts Schott-Fostec type light guides with 0.72" OD	0.629" w/ 0.722" counter-bore
	MX-14 010040320012	Accepts all 1/4" OD end ferrules	0.258" (6.55 mm)

B-Type - Fits MI-150, PL800B, DC950B, DC950HB

Adapter	Model & P/N	Compatibility	Adapter ID
	SX-5B 010041060000	B6, B8, BX6, BX8, BA6, BA8, EE6, EE8 (also accepts all 3/16" OD end ferrules w/ shoulder dia. up to 0.430")	0.191" (4.85 mm)
	SX-6B 010041070000	B4, BA4, BX4, EE4, QF20, QVMABL48, QVMABL79, QVBL48, QVBL72 (also accepts all 5/16" OD end ferrules w/ shoulder dia. up to 0.478")	0.316" (8.03 mm)

190 - For use with Fiber-Lite 190 only

Adapter	Ordering Code	Compatibility	Adapter ID
	ST-1	B8, BX8, EE8, B6, BX6 (also accepts all 3/16" OD end ferrules w/ shoulder dia. up to 0.255")	0.261" (6.63mm)

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Fiber-Lite® Probe Kits



Dolan-Jenner's LT7 is a set of six uniquely designed rigid probes with outside diameters ranging from 0.043 to 0.148 inches (1.1 to 3.7 mm). Four of the probes are straight, one is bent at a 45° angle and one is bent at a 90° angle. The probes are used with Dolan- Jenner illuminators (an A-type adapter is provided with the kit, B-type adapters may be ordered separately) and a fiber optic light guide.

For steam or gas autoclaveable use, order kit LT7-1 (see applications at right) which comes with Dolan- Jenner's 68 in. silicone- sheathed BA33268 which does not contain an internal steel monocoil and will not conduct EMI/RFI. This system is extremely suitable for physiological illumination requirements on muscle and nerve tissue while conducting readings.
For industrial applications, order kit LT7-2 (see applications at right) which comes with Dolan-Jenner's 60 in. PVC-sheathed (225°F/107°C rated) fiber optic light guide. This rugged light guide is ideal for industrial usage because of its continuous steel monocoil which provides internal strain relief.

LT-7-1 & LT-7-2
Fiber Optic Probe Kits

LT7-1: Steam & Gas Autoclaveable

Ideal for Animal Microsurgery
Used in aseptic procedures for sterile field requirements such as:

- Specific area cell culture illumination that requires immersion of the probe in a liquid preparation to eliminate glare from the meniscus
- Tissue trans illumination in surgical procedures prior to isolation or cannulation
- Illumination of small or deep orifices
- Veterinary, medical or dental in vivo examination
- Transillumination diagnosis of mucous membranes, teeth and gum tissues
- Trans- and sub- illumination of frozen sections, wet mounts, emulsions and liquid preparations

LT7-2: Industrial

Illuminates Small Bores
Ideal for:

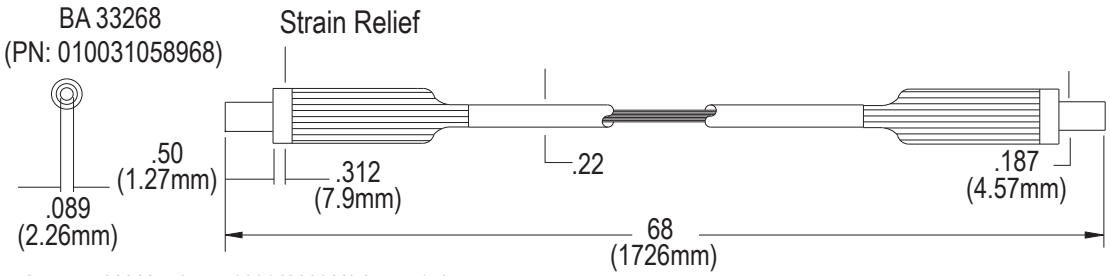
- Illumination of intricately assembled parts such as carburetors, electronics with small, recessed or deep orifices and cylindrical parts for visual or magnified inspection/assembly
- Highlighting areas for photographic or imaging purposes.

Model & PN	Description
LT-7-1 **000030030001**	Includes BA33268 & SX-5 adapter
LT-7-1M **700011920001**	Includes BA33268M, no adapter req.
LT-7-2 **000030030002**	Includes B860 & SX-5 adapter
LT-7-2M **700012170001**	Includes B860M, no adapter req.

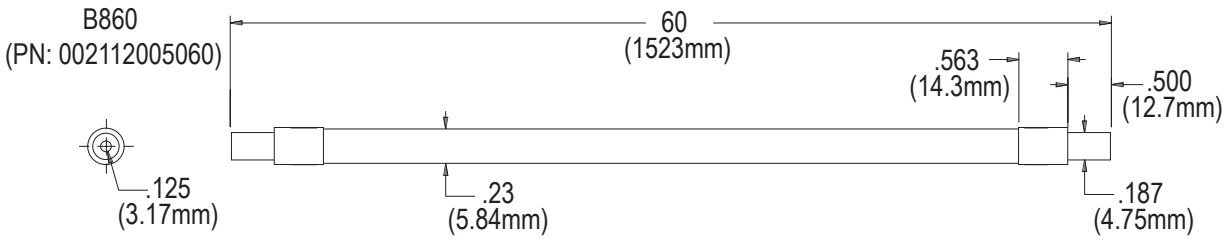
LT1 & LT2 Dimensions:

Light Guides

Includes SX-5 Adapter



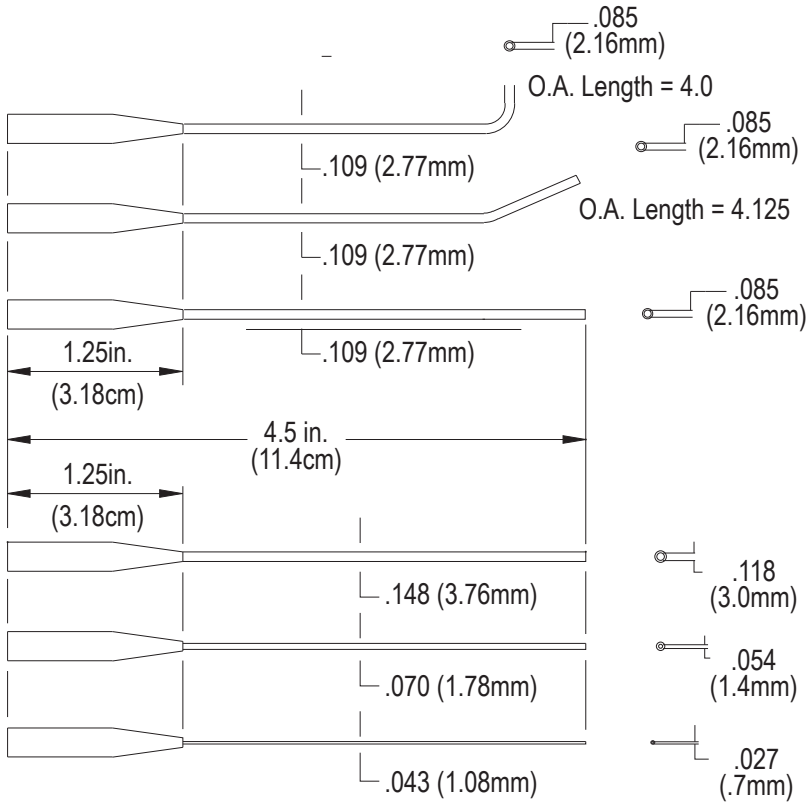
NOTE: BA 33268M (PN: 700014230068) for MI-150 Illuminator not shown.



NOTE: B860M (PN: 002112520060) for MI-150 Illuminator not shown.

Light Probes

Part Number	Model
010031040001	085 L
010031010001	085 H
010031000002	085 S
010031000001	118 S
010031000003	054 S
010031000004	027 S



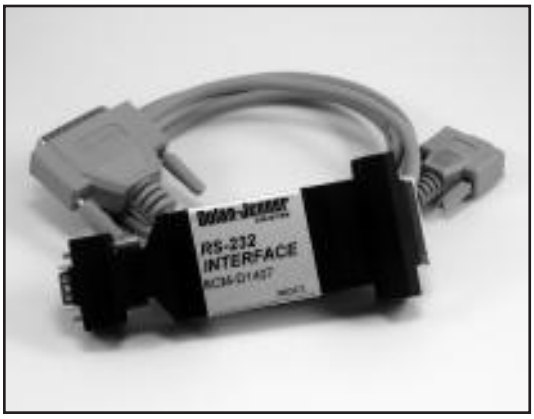
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RS-232 INTERFACE



RS-232 Remote Control Module
For DC Regulated Illuminators

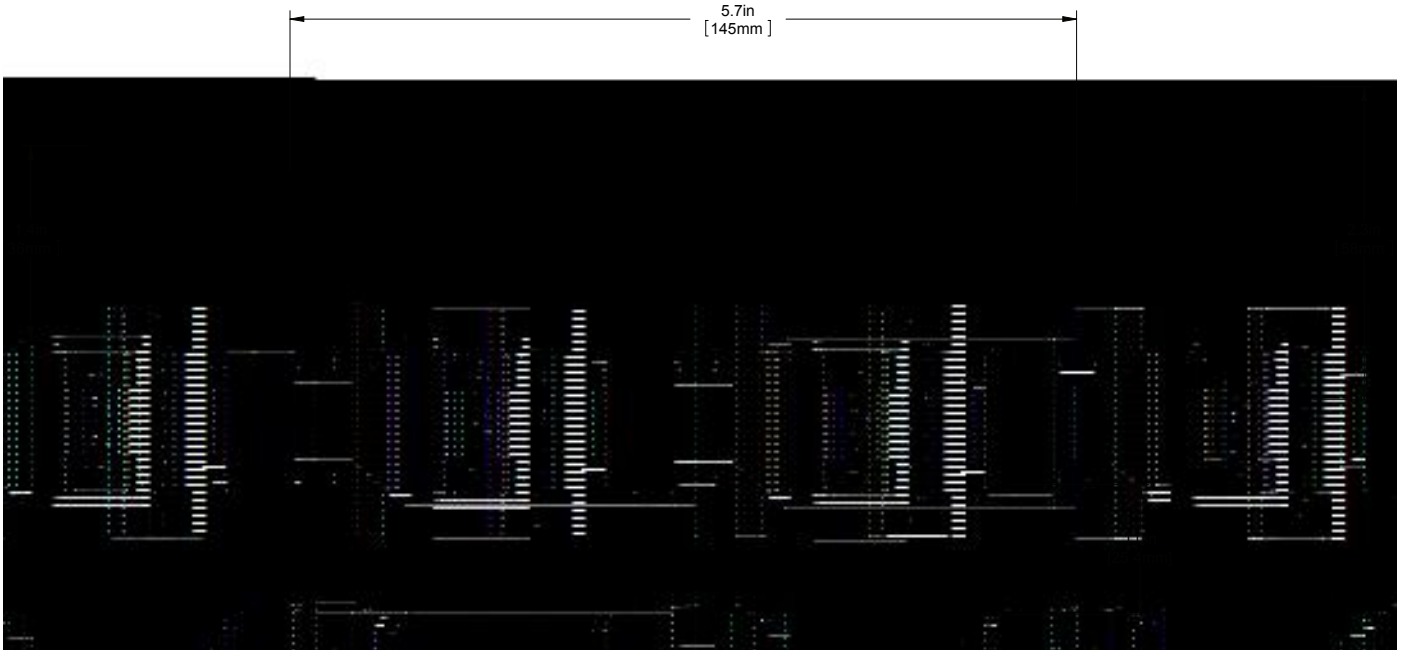
Dolan-Jenner's RS-232 Remote Control Module works with our DC Regulated A-241, A-242, PL-900 and DC950 Series Illuminators.

Enhance your computer controlled capabilities. This small interface module allows easy integration and programming into your system.

RS-232 Information	
Model Number:	RCM-1407
Part Number:	002920061000
Dimensions:	5.25" x 5.50" x 7.50"; 9 lbs.

RS-232 Input	
Baud Rate:	9600
Stop Bits:	1
Data Bits:	8
Parity:	None
Flow Control:	None
Type:	DCE
Connector:	9-Pin F D-Sub

RS-232 Output	
Output:	Data Byte: 8 bits parallel
Connector:	25-pin M D-Sub



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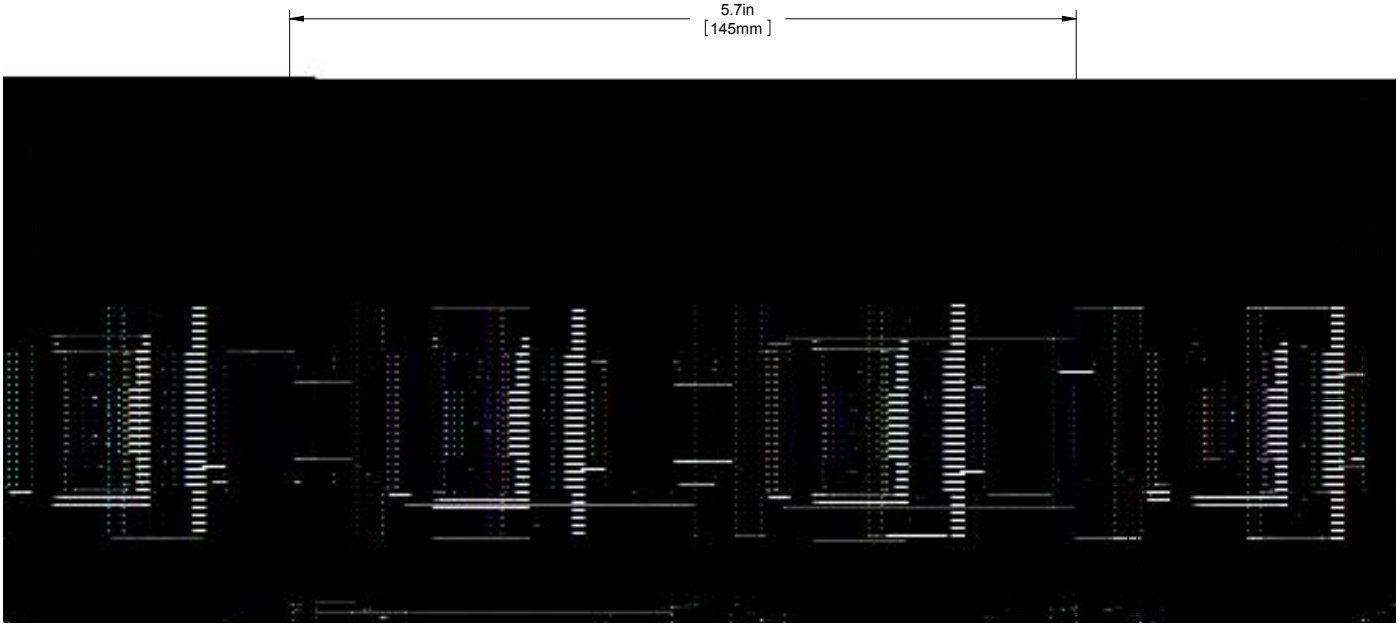
DAC Interface



Digital to Analog Converter
For DC Regulated Illuminators

RS-232 Information	
Model Number:	RCM-1407
Part Number:	002920061000
Dimensions:	5.25” x 5.50” x 7.50”; 9 lbs.
Input Connector:	9-Pin F D-Sub
Output Connector:	25-pin M D-Sub

This Remote Control Module is an 8- bit, latching, parallel input Digital to Analog converter designed for use with Dolan Jenner illuminators. The Remote Control Module is NOT Centronics parallel compatible. Refer to the pinout below or on the label on the module for connection details.



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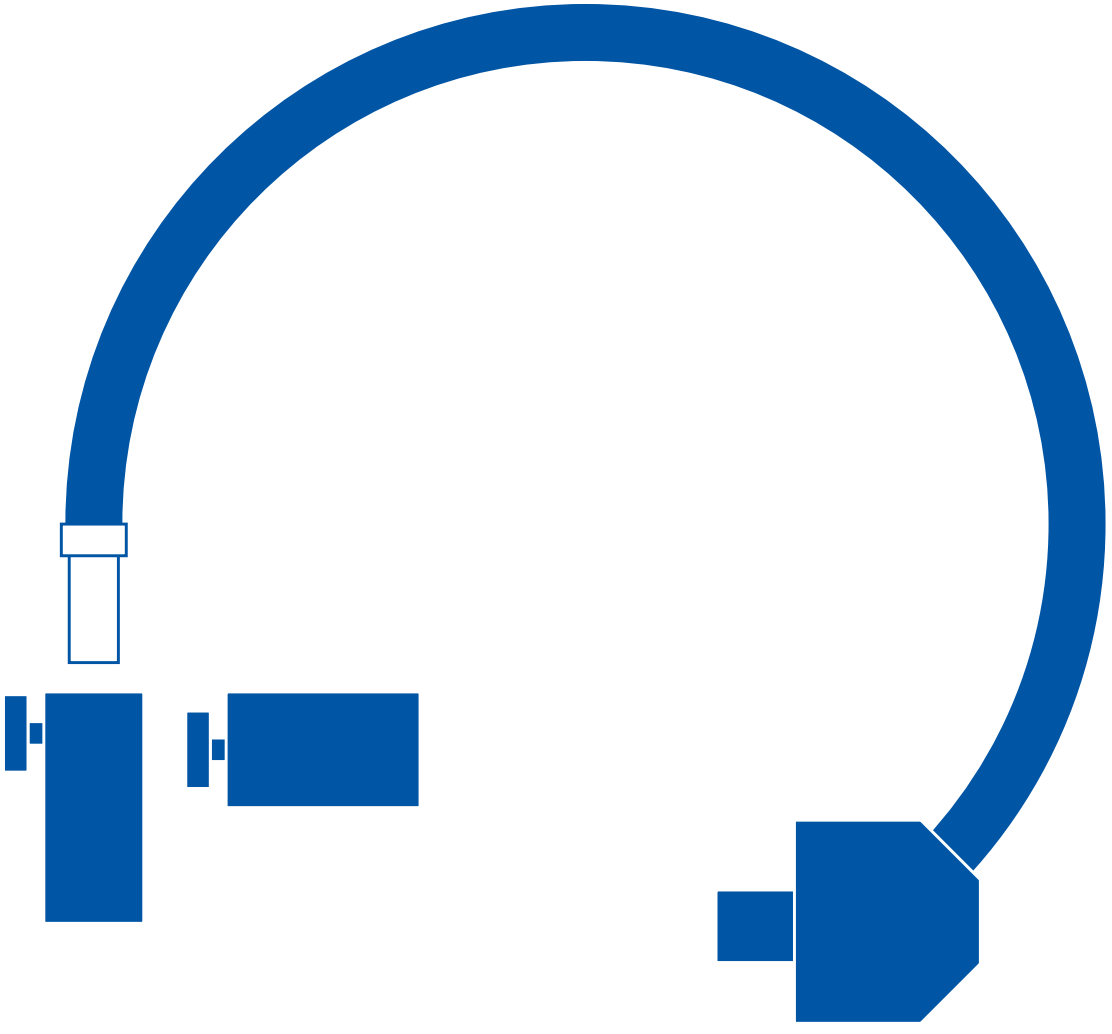
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Section: III

GOOSENECKS & ACCESSORIES

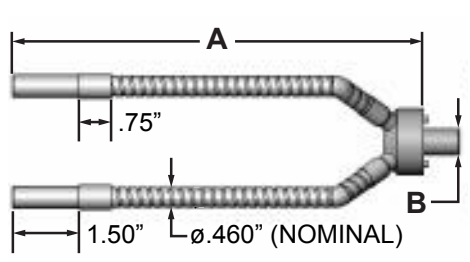


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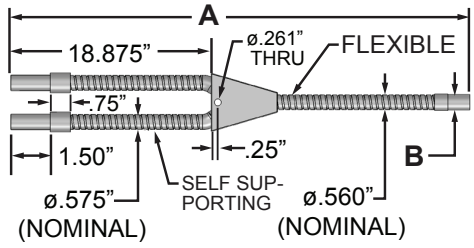
Gooseneck Light Guides

EEG28 Series - Dual-Gooseneck Light Guides - 0.500" Dia. End Ferrules (Accepts LH-759 Lens), Black Coated, Self-Supporting Gooseneck, 0.280" Active Fiber Bundle



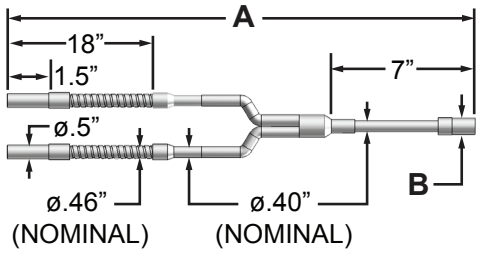
Part #	(A) Length	(B) Input Diameter	A-Nose Adapter	B-Nose Adapter
EEG2818	18" (456.9 mm)	0.625" (15.9 mm)	SX-11	Not Compatible
EEG2818M	18" (456.9 mm)	0.588" (14.9 mm)	SX-13	Direct Fit
EEG2823	23" (584.2 mm)	0.625" (15.9 mm)	SX-11	Not Compatible
EEG2823M	23" (584.2 mm)	0.588" (14.9 mm)	SX-13	Direct Fit
EEG2830M	30" (762 mm)	0.588" (14.9 mm)	SX-13	Direct Fit
EEG2836M	26" (914 mm)	0.588" (14.9 mm)	SX-13	Direct Fit

EEG37 Series - Dual-Gooseneck Light Guides - 1/2-20 Threaded End Ferrule (Accepts LH-755 Lens), Flexible Stainless Steel Sheathing (Common Section), 0.375 Active Fiber Bundle



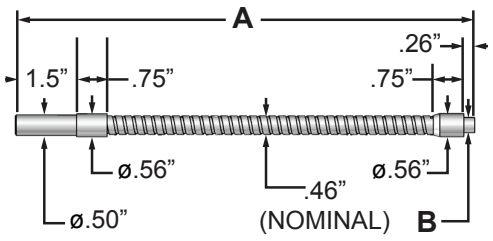
Part #	(A) Length	(B) Input Diameter	A-Nose Adapter	B-Nose Adapter
EEG3736	36" (914.40 mm)	0.436" (11.07 mm)	SX-7	Not Compatible
EEG3736M	36" (914.40 mm)	0.588" (14.9 mm)	SX-13	Direct Fit
EEG3748	48" (1218 mm)	0.436" (11.07 mm)	SX-7	Not Compatible
EEG3748M	48" (1218 mm)	0.588" (14.9 mm)	SX-13	Direct Fit
EEG3760	60" (1523 mm)	0.436" (11.07 mm)	SX-7	Not Compatible
EEG3760M	60" (1523 mm)	0.588" (14.9 mm)	SX-13	Direct Fit

EEG4 Series - Dual-Gooseneck Light Guides - 0.500" Dia. End Ferrules (Accepts LH-759 Lens), Flexible Monocoil Sheathing Construction, 0.250" Active Fiber Bundle



Part #	(A) Length	(B) Input Diameter	A-Nose Adapter	B-Nose Adapter
EEG436	36" (914.40 mm)	.312" (10.7 mm)	SX-6	SX-6B
EEG436M	36" (914.40 mm)	0.588" (14.9 mm)	SX-13	Direct Fit
EEG448	48" (1218 mm)	.312" (10.7 mm)	SX-6	SX-6B
EEG448M	48" (1218 mm)	0.588" (14.9 mm)	SX-13	Direct Fit
EEG460	60" (1523 mm)	.312" (10.7 mm)	SX-6	SX-6B
EEG460M	60" (1523 mm)	0.588" (14.9 mm)	SX-13	Direct Fit
EEG472	72" (1828 mm)	.312" (10.7 mm)	SX-6	SX-6B
EEG472M	72" (1828 mm)	0.588" (14.9 mm)	SX-13	Direct Fit

BGT1826 - Single-Gooseneck, Threaded Input Light Guide - 0.500" Dia. End Ferrule (Accepts LH-759 Lens)



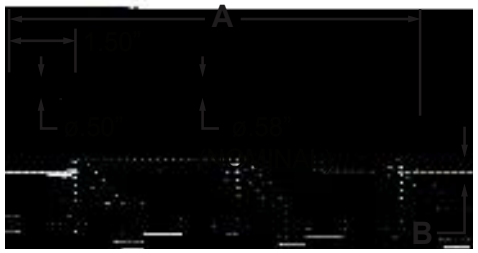
Part #	(A) Length	(B) Input Diameter	Adapter	Use w/ Model #
BGT1826	26" (660 mm)	3/8-32 THD	N/A	190, 190/220

BGG18 Series - Single-Gooseneck - 0.500" Dia. End Ferrule (Accepts LH-759 Lens), 0.187" Fiber Bundle



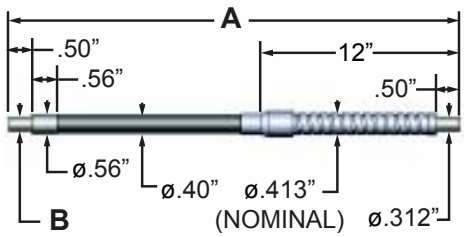
Part #	(A) Length	(B) Input Diameter	A-Nose Adapter	B-Nose Adapter
BGG1818	18" (456.9 mm)	0.562" (14.3 mm)	SX-10	Not Compatible
BGG1823	23" (584.2 mm)	0.562" (14.3 mm)	SX-10	Not Compatible
BGG1823M	23" (584.2 mm)	0.588" (14.9 mm)	SX-13	Direct Fit
BGG1836M	36" (914.40 mm)	0.588" (14.9 mm)	SX-13	Direct Fit

BG28 Series - Single-Gooseneck - 0.500" Dia. End Ferrule (Accepts LH-759 Lens), 0.250" Fiber Bundle



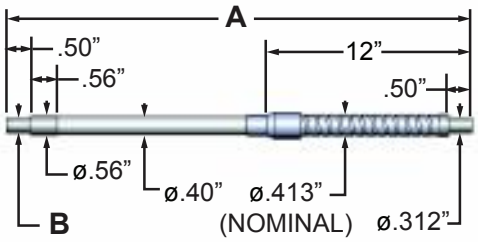
Part #	(A) Length	(B) Input Diameter	A-Nose Adapter	B-Nose Adapter
BG2820	20" (508 mm)	0.624" (15.9 mm)	SX-11	Not Compatible
BG2820M	20" (508 mm)	0.588" (14.9 mm)	SX-13	Direct Fit

BG18 Series - Single-Gooseneck - 0.500" Dia. End Ferrule (Accepts LH-759 Lens), 0.187" Fiber Bundle



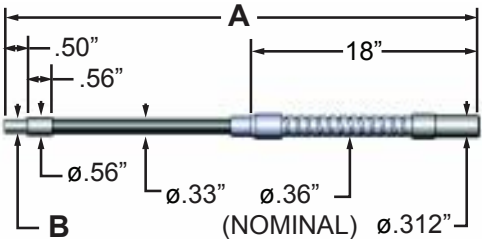
Part #	(A) Length	(B) Input Diameter	A-Nose Adapter	B-Nose Adapter
BG1836	36" (914.40 mm)	.312" (10.7 mm)	SX-6	SX-6B
BG1836	36" (914.40 mm)	0.588" (14.9 mm)	SX-13	Direct Fit
BG1848	48" (1218 mm)	.312" (10.7 mm)	SX-6	SX-6B
BG184M	48" (1218 mm)	0.588" (14.9 mm)	SX-13	Direct Fit
BG1872	72" (1828 mm)	.312" (10.7 mm)	SX-6	SX-6B
BG1872M	72" (1828 mm)	0.588" (14.9 mm)	SX-13	Direct Fit
BG1896	96" (2437 mm)	.312" (10.7 mm)	SX-6	SX-6B
BG1896M	96" (2437 mm)	0.588" (14.9 mm)	SX-13	Direct Fit

BG4 Series - Single-Gooseneck - 0.312" Dia. End Ferrule (NOT for LH-759 Lens), 0.250" Fiber Bundle



Part #	(A) Length	(B) Input Diameter	A-Nose Adapter	B-Nose Adapter
BG436	36" (914.40 mm)	.312" (10.7 mm)	SX-6	SX-6B
BG472	72" (1828 mm)	.312" (10.7 mm)	SX-6	SX-6B

BG8 Series - Single-Gooseneck - 0.312" Dia. End Ferrule (NOT for LH-759 Lens), 0.125" Fiber Bundle



Part #	(A) Length	(B) Input Diameter	A-Nose Adapter	B-Nose Adapter
BG836	36" (914.40 mm)	.187	SX-5	SX-5B
BG848	48" (1218 mm)	.187	SX-5	SX-5B

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Gooseneck Accessories

LH-759 - Focusing Lens



Part #	F.O. Compatibility	Features
LH-759	BG18 Series, BGT18 Series BGG Series EEG Series (Ex. EEG37)	28 mm Focal Legth Lens which concentrates the fiber optic cone of light to provide higher levels of illumination at long stand off distances.

LH-501 - Focusing Lens



Part #	F.O. Compatibility	Features
LH-501	5/16-24 Threaded ID BT6, BT8, BXT6, BXT8 series ET6, ET8, EXT6, EXT8 series EPXT6, EPXT8, EET6, EET8 series	15 mm Focal Legth Lens which concentrates the fiber optic cone of light to provide higher levels of illumination at long stand off distances. For 5/16-24 threaded light guides.

LH-750 - Focusing Lens



Part #	F.O. Compatibility	Features
LH-750	5/16-24 Threaded ID BT6, BT8, BXT6, BXT8 series ET6, ET8, EXT6, EXT8 series EPXT6, EPXT8, EET6, EET8 series	28 mm Focal Legth Lens which concentrates the fiber optic cone of light to provide higher levels of illumination at long stand off distances. For 5/16-24 threaded light guides.

LH-1050 - Focusing Lens



Part #	F.O. Compatibility	Features
LH-1050	5/16-24 Threaded ID BT6, BT8, BXT6, BXT8 series ET6, ET8, EXT6, EXT8 series EPXT6, EPXT8, EET6, EET8 series	50 mm Focal Legth Lens which concentrates the fiber optic cone of light to provide higher levels of illumination at long stand off distances. For 5/16-24 threaded light guides.

LH-1055 - Focusing Lens



Part #	F.O. Compatibility	Features
LH-1055	1/2-20 Threaded ID BT4, BXT4 Series EEG37 Series	50 mm Focal Legth Lens which concentrates the fiber optic cone of light to provide higher levels of illumination at long stand off distances. For 1/2-20 threaded light guides.

LH-1100 - Focusing Lens



Part #	F.O. Compatibility	Features
LH-1100	Fits both .187" & .312" diameter end ferules. BT, BXT Series ET, EET, EXT Series	50 mm Focal Legth Lens which concentrates the fiber optic cone of light to provide higher levels of illumination at long stand off distances.

LH-755 - Focusing Lens



Part #	F.O. Compatibility	Features
LH-755	EEG37 Series	28 mm Focal Legth Lens which concentrates the fiber optic cone of light to provide higher levels of illumination at long stand off distances. 1/2-20 Threaded w/ Lock Nut

LHP-DF - Diffuser Cap for Focusing Lenses



Part #	F.O. Compatibility	Features
LHP-DF	LH-759 & LH-755	Opaque White Diffuser Cap for the LH755 & LH759 lenses.

LHP-PLZ - Polarizer Cap for Focusing Lenses



Part #	Compatibility	Features
LHP-PLZ	LH-759 & LH-755	Polarizer Cap for the LH755 & LH759 lenses. Provides linear polarization of light.

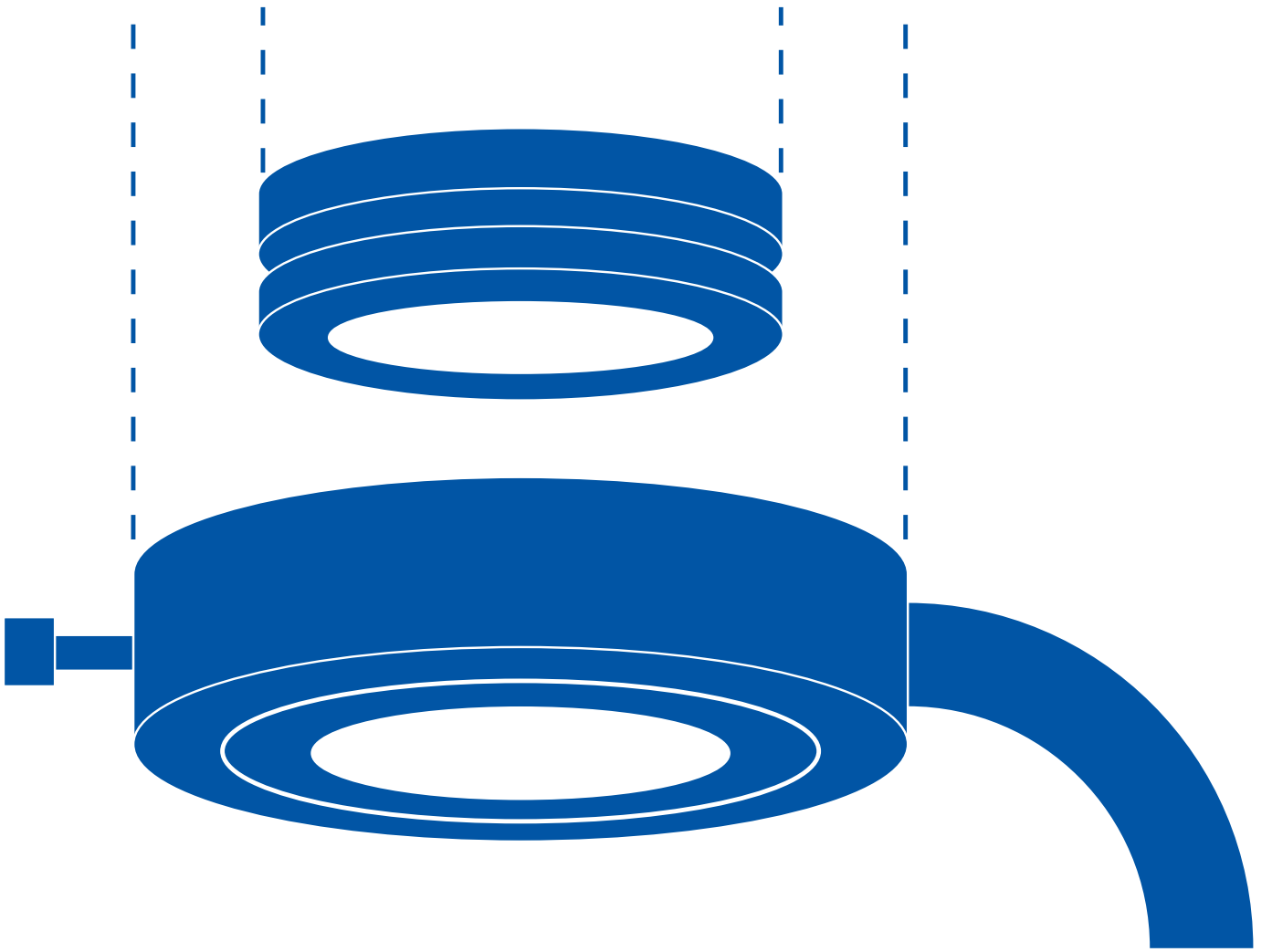
MS-7 & MS-8 - Mounting Stands



Part #	F.O. Compatibility	Features
MS-7 (Pictured)	EEG37 Series	Use of two bundles for opposed angles serves to diminish shadows, reduce optical axis glare, and provides a constant field of illumination. Individuals can control intensities by varying the distance of the fiber optic output to the object plane.
MS-8	EEG4 Series	

Section: IV

RING LIGHTS & ACCESSORIES



Dolan-Jenner industries

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A37 SERIES RINGLIGHTS


A3739P


A3739M

A37 Plastic Series- Plastic housing, PVC coated hose sheathing

Fits: 50 - 60 mm Objectives Mounting: 3 Thumb Screws Working Distance: 1.5in. - 9.0in.

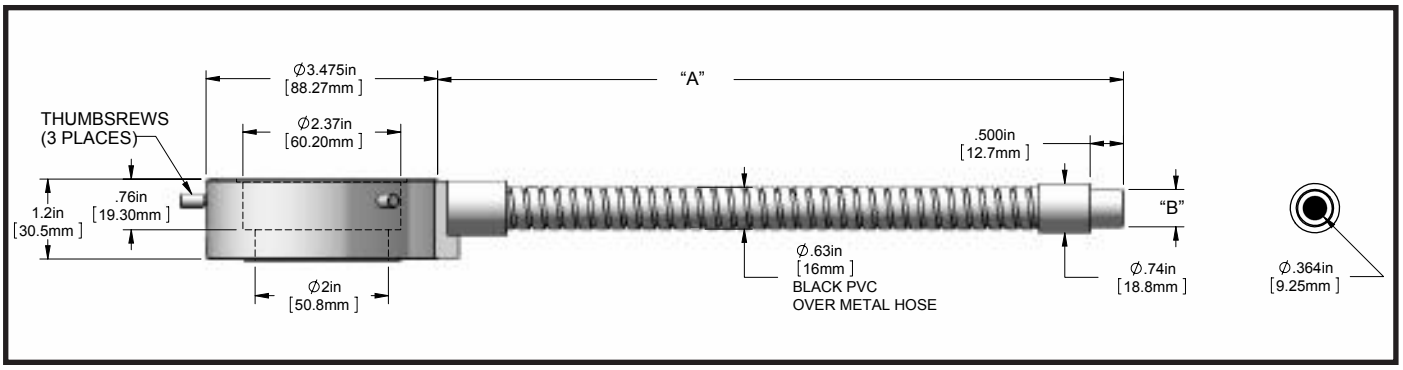
Model	Part #	Cable Length (in.) "A"	End Tip Dia. (in.) "B"	Light Source Adapter for .590 (15mm) Input	Light Source Adapter for 1.00 (25mm) Input	Optional Polarizer
A3739M	002190120039	36	.588	Direct Fit	SX-13	A37P-PLZ 010090510000 
A3739P	002190040039	36	.562	N/A	SX-10	
A3748P	002190040048	45	.562	N/A	SX-10	
A3760P	002190040060	57	.562	N/A	SX-10	
A3775P	002190040075	72	.562	N/A	SX-10	
A3775M	002190120075	72	.588	Direct Fit	SX-13	
A3739B	002190070036	36	.588 with groove	Direct Fit	SX-13	

A37 Metal Series - High gloss anodized housing, stainless steel sheathing

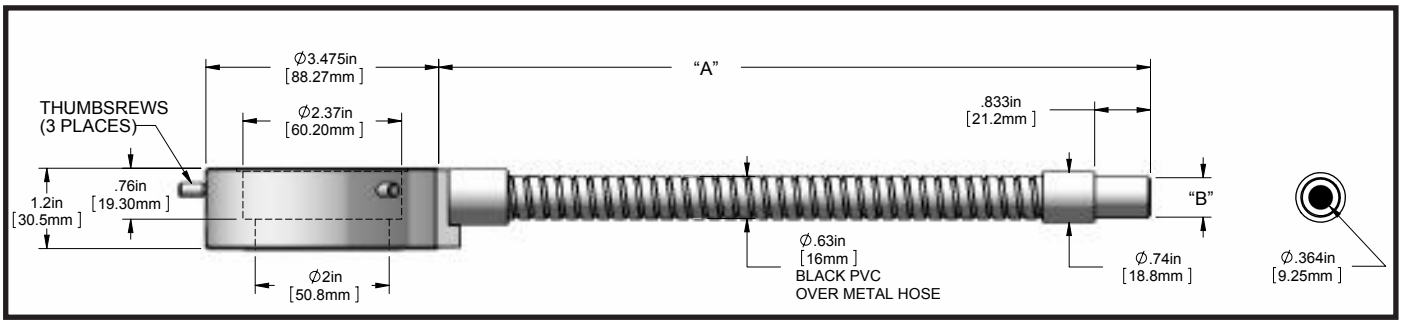
Fits: 50- 58 mm Objectives Mounting: 3 Thumb Screws Working Distance: 1.5in. - 9.0in.

Model	Part #	Cable Length (in.) "A"	End Tip Dia. (in.) "B"	Light Source Adapter 1.00 (25mm) Input	Optional Polarizer
A3739	002190010039	36	.560	SX-10	N/A
A3775	002190010075	72	.560	SX-10	N/A

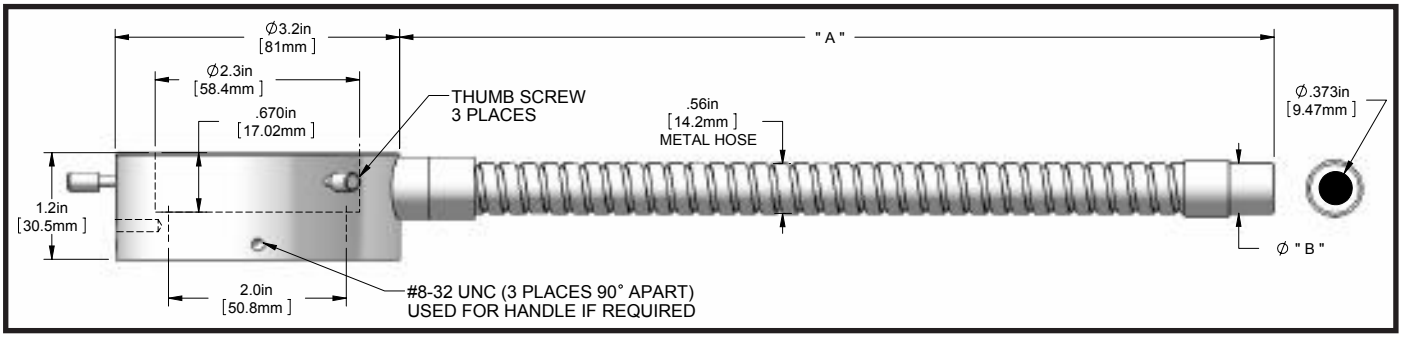
A3739P Dimensions:



A3739M Dimensions:



A3739 Dimensions:



Note: Ring lights available in variety of lengths. 36 inch version shown in diagram above. Please contact Dolan-Jenner for availability on length variations. Please note two standard end ferrules available along with many custom designs.

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LARGE BORE RINGLIGHTS


AB5039


MR7041

AB50 Series - High gloss anodized housing, stainless steel sheathing

Fits: 50- 66 mm Objectives Mounting: 3 Thumb Screws Working Distance: 1.5in. - 9.0in.

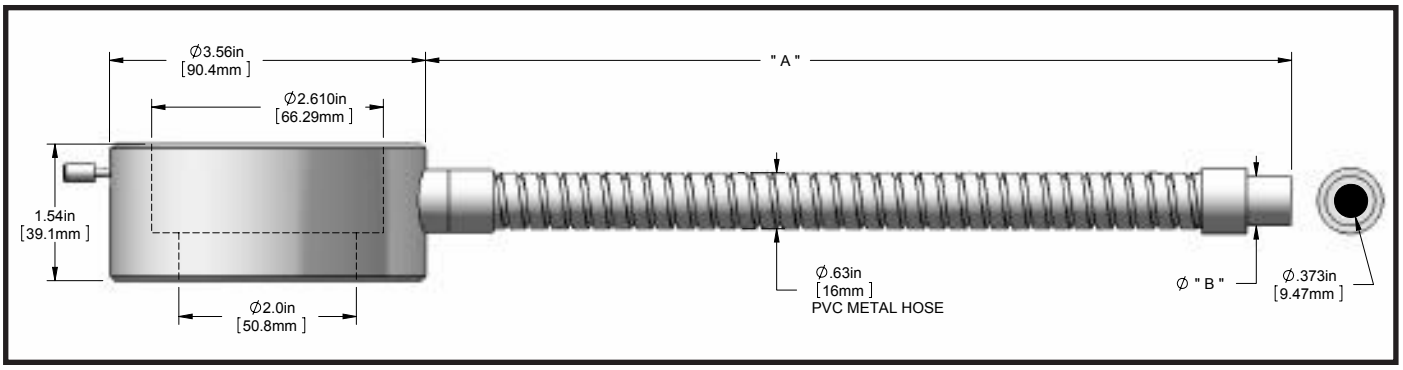
Model	Part #	Cable Length (in.) "A"	End Tip Dia. (in.) "B"	Light Source Adapter 1.00 (25mm) Input	Light Source Adapter .59" (15mm) Input
AB5039	SK70270036	36	.562	SX-10	Not Compatible
AB5039M	002190130039	36	.588	SX-13	Direct Fit
AB5072	SK70270072	72	.562	SX-10	Not Compatible

MR70 Series - High gloss anodized housing, stainless steel sheathing

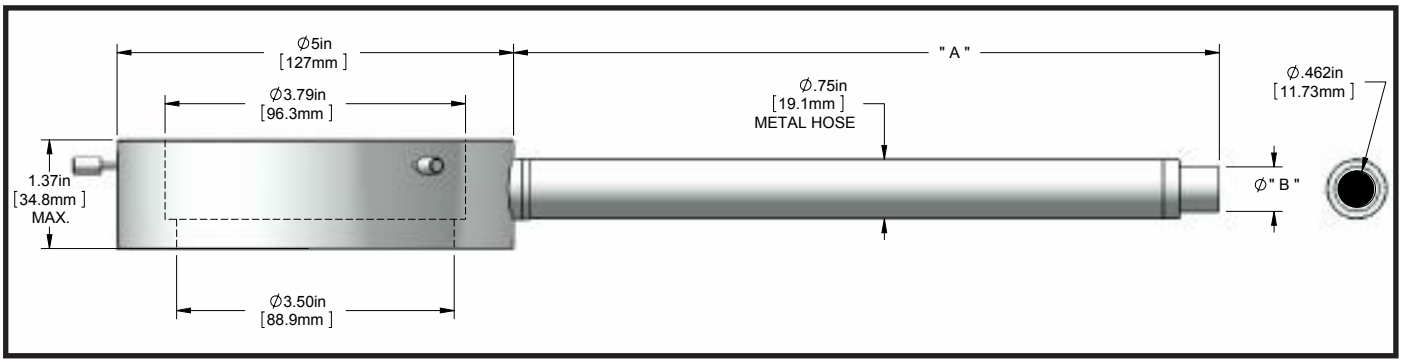
Fits: 85 - 96 mm Objectives Mounting: 3 Thumb Screws Working Distance: 2.0in. - 9.0in.

Model	Part #	Cable Length (in.) "A"	End Tip Dia. (in.) "B"	Light Source Adapter 1.00 (25mm) Input	Light Source Adapter .59" (15mm) Input
MR7041	SK68171041	36	.562	SX-10	Not Compatible
MR7041M	700011430041	36	.588	SX-13	Direct Fit
MR7077	SK68171077	72	.562	SX-10	Not Compatible

AB50 Dimensions:



MR70 Dimensions:



Note: Ring lights available in variety of lengths. 36 inch version shown in diagram above. Please contact Dolan-Jenner for availability on length variations. Please note two standard end ferrules available along with many custom designs.

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LOW PROFILE RINGLIGHTS


LPA36M


LPA25A36M

LPA Series - High gloss anodized housing, PVC coated metal hose sheathing

Fits: 60- 66mm Objectives Mounting: 3 Thumb Screws Working Distance: 1.5in. - 9.0in.

Model	Part #	Cable Length (in.)	End Tip Dia. (in.)	Light Source Adapter for .590 (15mm) Input	Light Source Adapter for 1.00 (25mm) Input	Optional Polarizer
LPA36M	002190140036	36	.588	Direct Fit	SX-13	LP-PLZ
LPA36	700014800036	36	.562	N/A	SX-10	LP-PLZ
LPA48M	002190140048	48	.588	Direct Fit	SX-13	LP-PLZ
LPA72M	002190140072	72	.588	Direct Fit	SX-13	LP-PLZ

LP25A Series - High gloss anodized housing, PVC coated metal hose sheathing

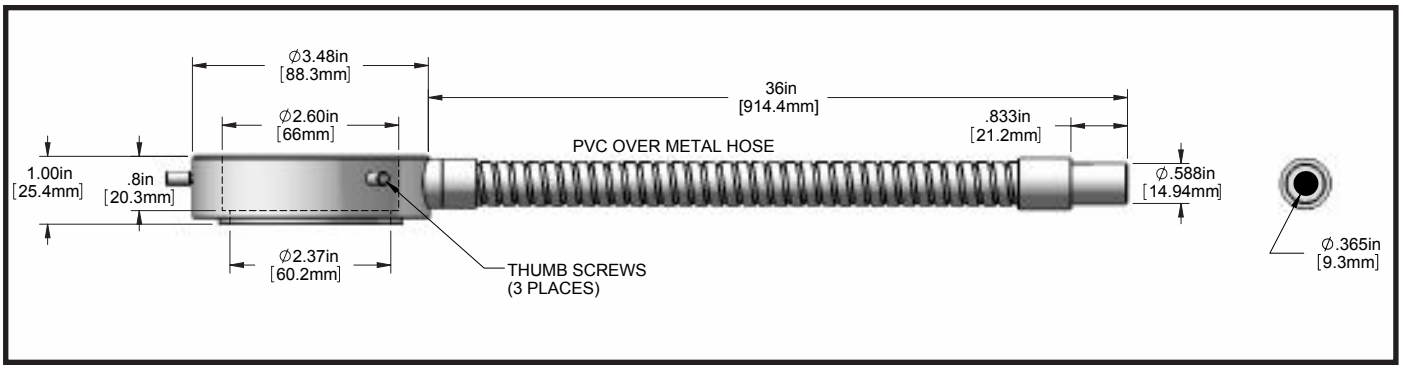
Fits: 60- 66mm Objectives Mounting: 3 Thumb Screws Working Distance: 1.5in. - 9.0in.

Model	Part #	Cable Length (in.)	End Tip Dia. (in.)	Light Source Adapter for .590 (15mm) Input	Light Source Adapter for 1.00 (25mm) Input	Optional Polarizer
LP25A36M	002190170036	36	.588	Direct Fit	SX-13	LP-PLZ
LP25A48M	002190170048	48	.588	Direct Fit	SX-13	LP-PLZ
LP25A72M	002190170072	72	.588	Direct Fit	SX-13	LP-PLZ

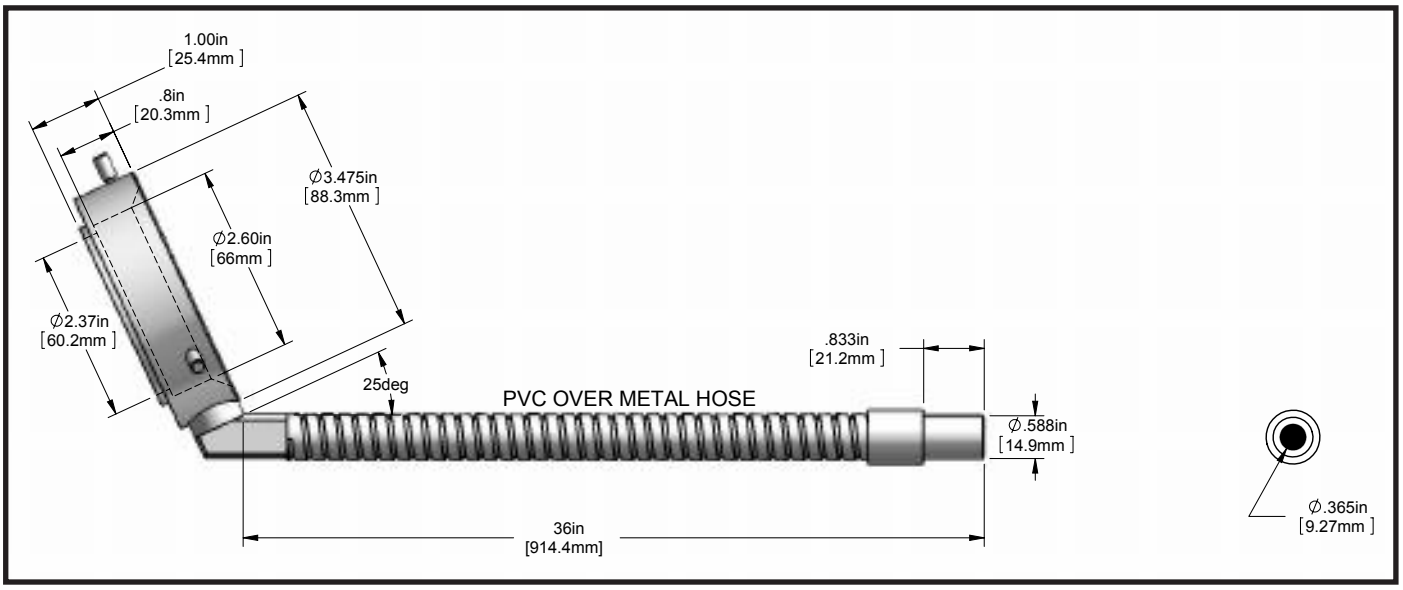

Polarizers (LP-PLZ, 700009730000)


Dark Field Reflector (LP-DFR, 010090460000)

LPA Dimensions:



LP25A Dimensions:



Note: Ring lights available in variety of lengths. 36 inch version shown in diagram above. Please contact Dolan-Jenner for availability on length variations. Please note two standard end ferrules available along with many custom designs.

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MA SERIES RINGLIGHTS







MA4 Series- Black Anodized Housing, PVC Monocoil Sheathing

Fits: 5-20 mm Objectives Mounting: 3 Thumb Screws Working Distance: .2in. – 1.0in.

Model	Part #	Cable Length	End Tip Dia. "D"	Light Source Adapter .590 (15mm) Input	Light Source Adapter 1.00 (25mm) Input	Optional Polarizer
MA436	002190020036	36	.311	SX-6B	SX-6	MA4-PLZ 010090570002
MA436M	002190160036	36	.588	Direct Fit	SX-13	
MA448	002190020048	48	.311	SX-6B	SX-6	
MA460	002190020060	60	.311	SX-6B	SX-6	
MA472	002190020072	72	.311	SX-6B	SX-6	
MA496	002190020096	96	.311	SX-6B	SX-6	



MA25 Series - Anodized Metal Housing, PVC Monocoil Sheathing

Fits: 20-28 mm Objectives Mounting: 3 Thumb Screws Working Distance: .4in. – 1.2in.

Model	Part #	Cable Length	End Tip Dia. "D"	Light Source Adapter .590 (15mm) Input	Light Source Adapter 1.00 (25mm) Input	Optional Polarizer
MA2536	SK81910000	36	.312	SX-6B	SX-6	MA25-PLZ 010090570002
MA2536M	002190190036	36	.588	Direct Fit	SX-13	
MA2548	SK81910048	48	.312	SX-6B	SX-6	
MA2548M	002190190048	48	.588	Direct Fit	SX-13	
MA2560	SK81910060	60	.312	SX-6B	SX-6	
MA2572	SK81910072	72	.312	SX-6B	SX-6	
MA2572M	002190190072	72	.588	Direct Fit	SX-13	
MA2596M	002190190096	96	.588	Direct Fit	SX-13	



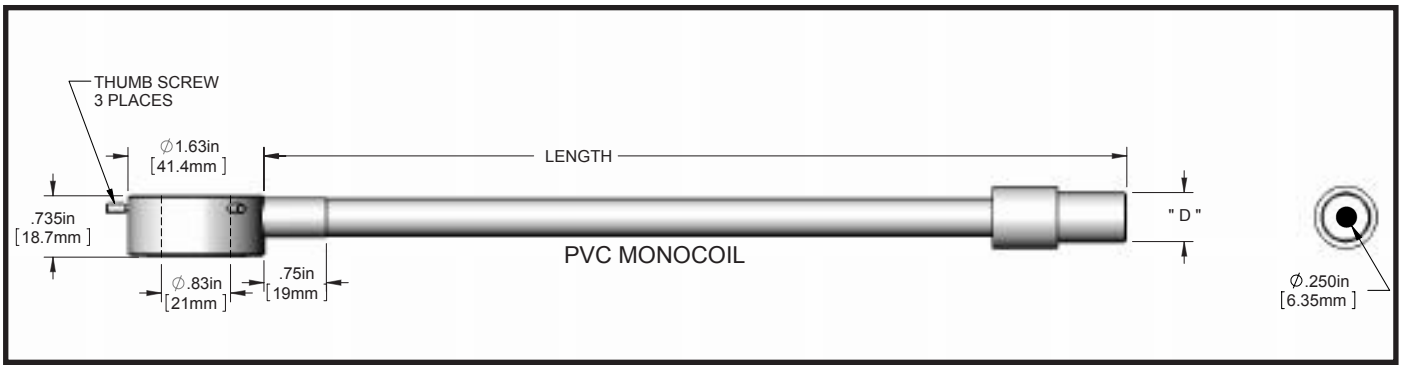
MA31 Series- Black Anodized Housing, Stainless Steal Sheathing

Fits: 28- 38mm Objectives Mounting: 3 Thumb Screws Working Distance: 2.73in. – 4.5in.

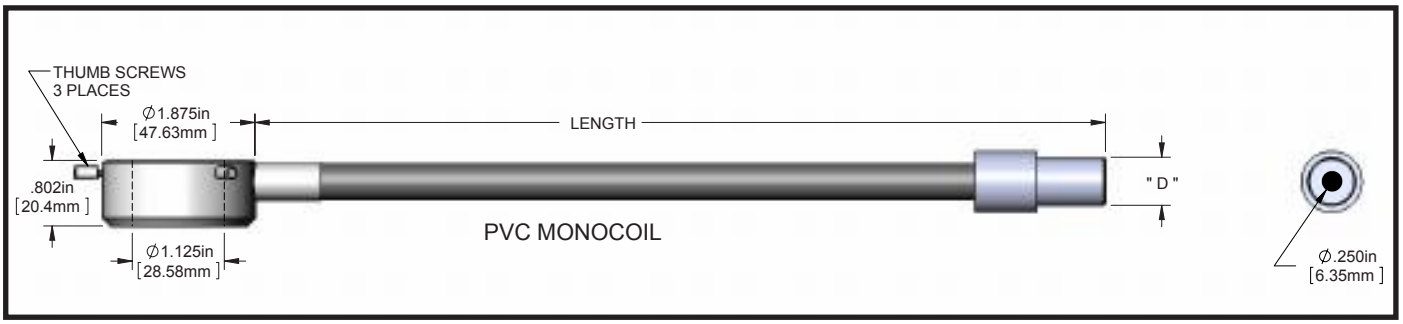
Model	Part #	Cable Length	End Tip Dia. "D"	Light Source Adapter .590 (15mm) Input	Light Source Adapter 1.00 (25mm) Input	Optional Polarizer
MA3136	SK5303	36	.562	N/A	SX-10	MA31-PLZ 010090570000
MA3136M	700008190036	36	.588	Direct Fit	SX-13	
MA3148	SK53030048	48	.562	N/A	SX-10	
MA3160	SK53030060	60	.562	N/A	SX-10	
MA3172	SK53030072	72	.562	N/A	SX-10	
MA3172M	700008190072	72	.588	Direct Fit	SX-13	



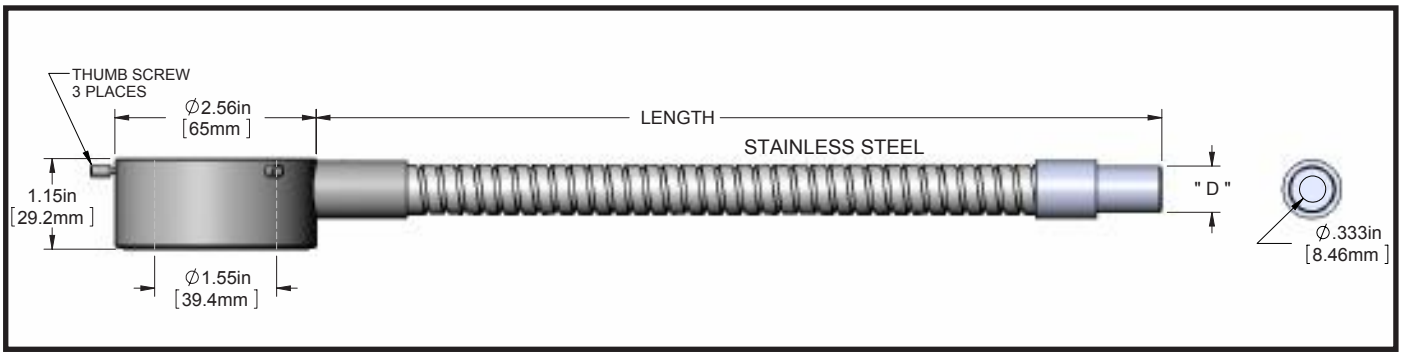
MA4 Dimensions:



MA25 Dimensions:



MA31 Dimensions:



Note: Ring lights available in variety of lengths. 36 inch version shown in diagram above. Please contact Dolan-Jenner for availability on length variations. Please note two standard end ferrules available along with many custom designs.

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NIKON SPECIFIC RINGLIGHTS







A645NK41 Series - Nikon Microscope Ringlight A

Mounting: Threaded Locking Ring (Included) Working Distance: 1.25in. – 5.0in.

Model	Part #	Cable Length (in.)	End Tip Dia. (in.)	Light Source Adapter .590 (15mm) Input	Light Source Adapter 1.00 (25mm) Input	Application
A645NK41	700008560044	41	.588	Direct Fit	SX-13	SMZ645, SMZ660, SMZ660V, SMZ1000

700009570036 Series - Nikon Microscope Ringlight C

Mounting: Threaded Locking Ring (Included) Working Distance: 1.25in. – 5.0in.

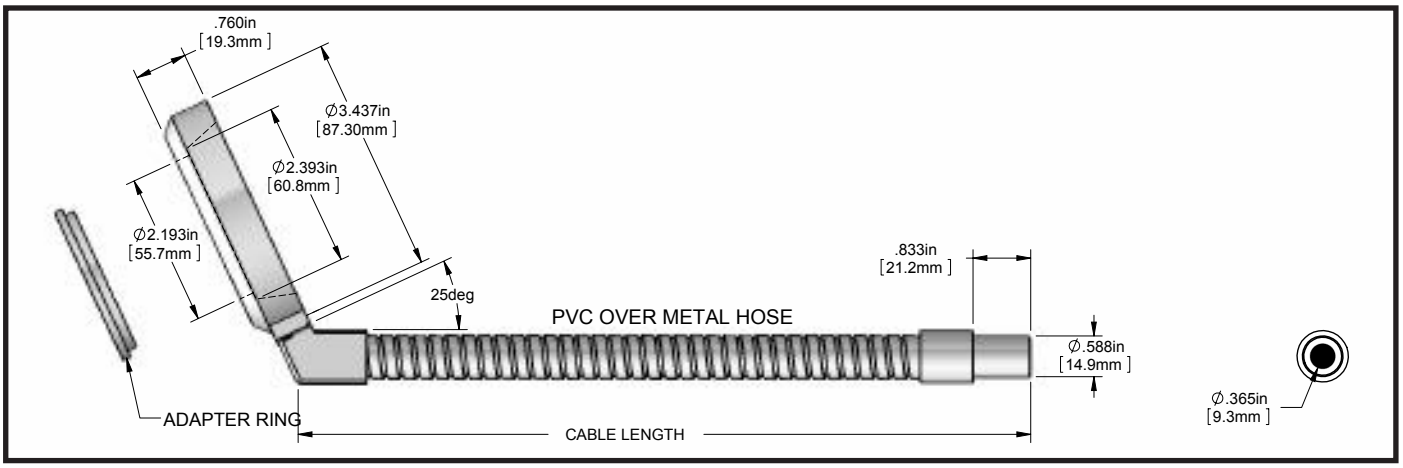
Model	Part #	Cable Length (in.)	End Tip Dia. (in.)	Light Source Adapter .590 (15mm) Input	Light Source Adapter 1.00 (25mm) Input	Optional Polarizer
700009570036	700009570036	36	.588	Direct Fit	SX-13	LP-PLZ 700009730000 

70001073 Series - Nikon Microscope Large Diameter Ring Light

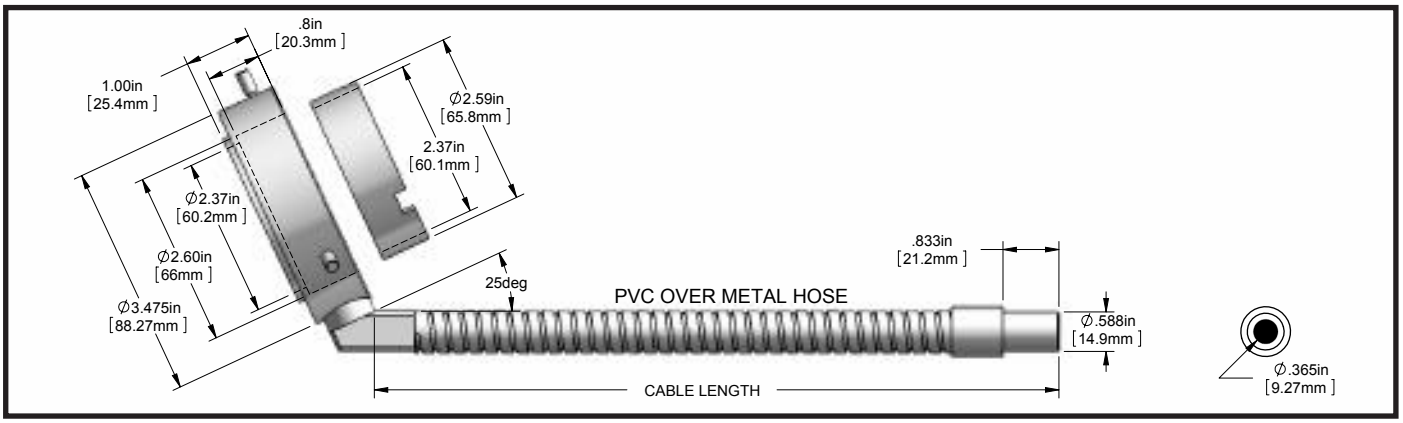
Mounting: Threaded Locking Ring (Included) Working Distance: 2.0in. – 6.0in.

Model	Part #	Cable Length (in.)	End Tip Dia. (in.)	Light Source Adapter .590 (15mm) Input	Light Source Adapter 1.00 (25mm) Input	Application
700010730039	700010730039	39	.588	Direct Fit	SX-13	SMZ800(w/ .5 X 1.5 and 2 objective lenses), SMZ1000(w/ .5 X 1.5 and 2 objective lenses), SMZU(w/.5 X 1.5 objective lens), SMZ10A(w/.5 X1.5 objective lens), SMZ1500(w/.5 X1 objective lens)
700010730060	700010730060	60	.588	Direct Fit	SX-13	SMZ800(w/ .5 X 1.5 and 2 objective lenses), SMZ1000(w/ .5 X 1.5 and 2 objective lenses), SMZU(w/.5 X 1.5 objective lens), SMZ10A(w/.5 X1.5 objective lens), SMZ1500(w/.5 X1 objective lens)

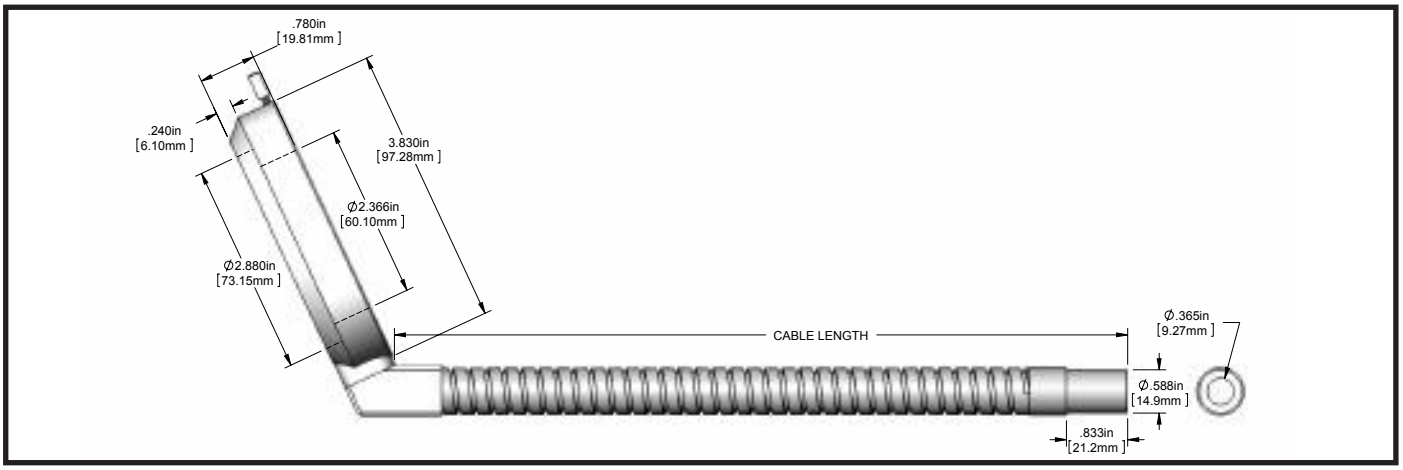
A645NK41 Dimensions:



700009570036 Dimensions:



70001073 Dimensions:



Note: Ring lights available in variety of lengths. 36 inch version shown in diagram above. Please contact Dolan-Jenner for availability on length variations. Please note two standard end ferrules available along with many custom designs.

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OEM SPECIFIC RINGLIGHTS


OLYMPUS


LEICA


UNITRON

AOLM48 Series - Olympus Microscopes

Mounting: Threaded Locking Ring (Included) Working Distance: 1.25in. – 5.0in.

Model	Part #	Cable Length (in.)	End Tip Dia. (in.)	Light Source Adapter .590 (15mm) Input	Light Source Adapter 1.00 (25mm) Input	Applications
AOLM48	700008440048	48	.588	Direct Fit	SX-13	SZ-30, SZ-40, SZ-60

LP25Li36M Series - Leica Microscopes

Mounting: 1 Thumb Screw Working Distance: 1.25in. - 5.0in.

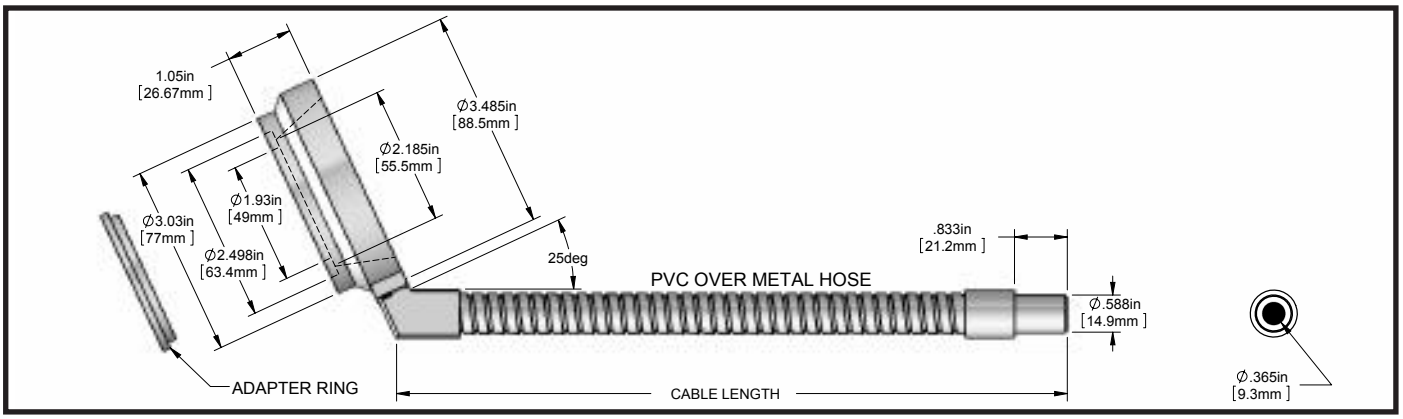
Model	Part #	Cable Length (in.)	End Tip Dia. (in.)	Light Source Adapter .590 (15mm) Input	Light Source Adapter 1.00 (25mm) Input	Applications
LP25Li36M	700014060036	36	.588	Direct Fit	SX-13	S4E, S6D/E, S8APO, GZ-6 (.5X and 2.0X)
LP25Li72M	700014060072	72	.588	Direct Fit	SX-13	S4E, S6D/E, S8APO, GZ-6 (.5X and 2.0X)

AUNi48 Series - Unitron Microscopes

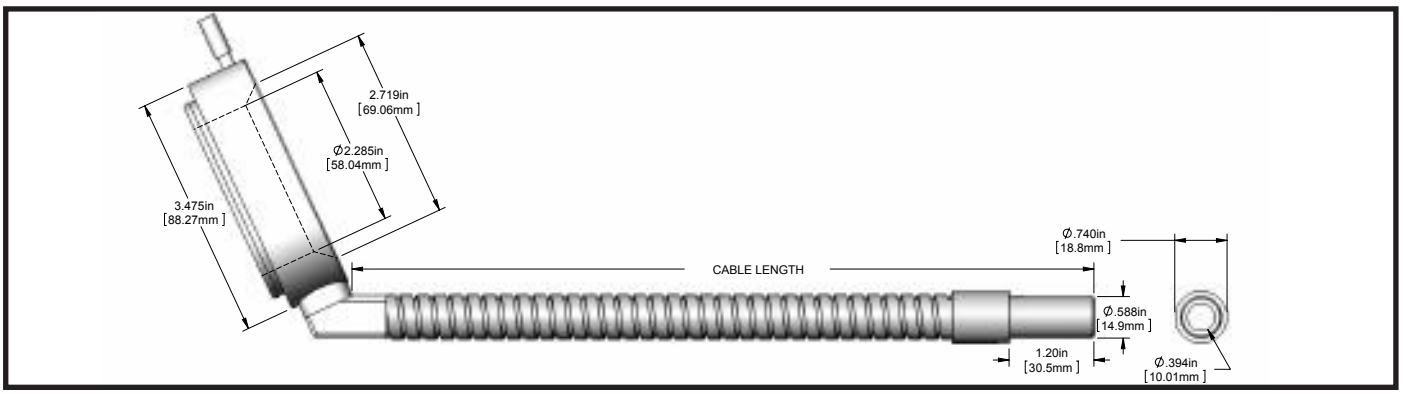
Mounting: Threaded Locking Ring (Included) Working Distance: 1.25in. – 5.0in.

Model	Part #	Cable Length (in.)	End Tip Dia. (in.)	Light Source Adapter .590 (15mm) Input	Light Source Adapter 1.00 (25mm) Input	Applications
AUNi48	700008442048	48	.588	Direct Fit	SX-13	ZST, ZSB

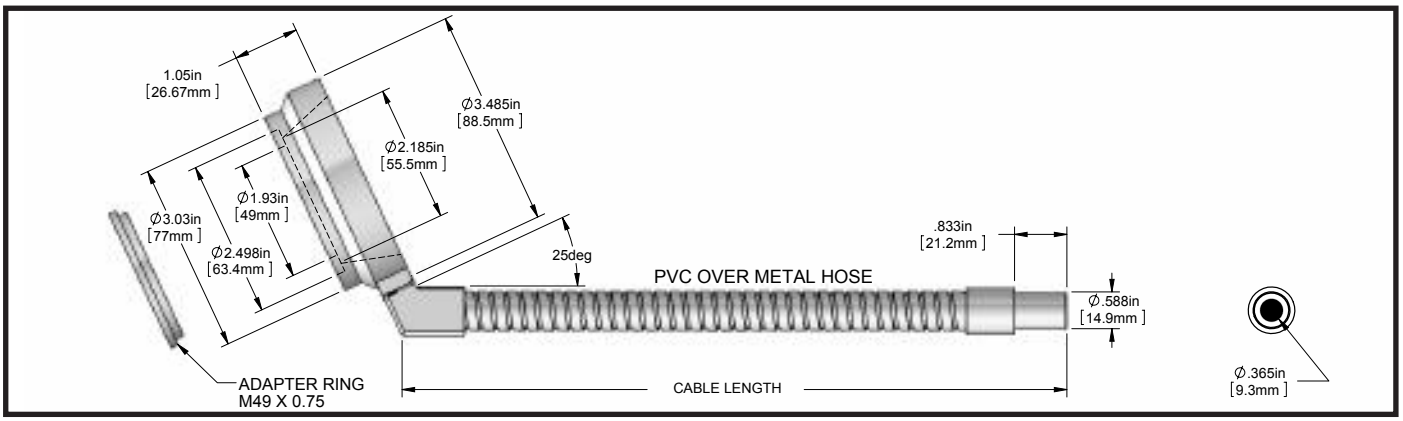
AOLM48 Dimensions:



LP25Li36M Dimensions:



AUNi48 Dimensions:



Note: Ring lights available in variety of lengths. 36 inch version shown in diagram above. Please contact Dolan-Jenner for availability on length variations. Please note two standard end ferrules available along with many custom designs.

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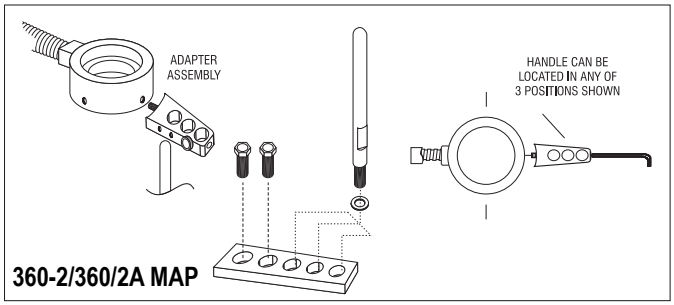
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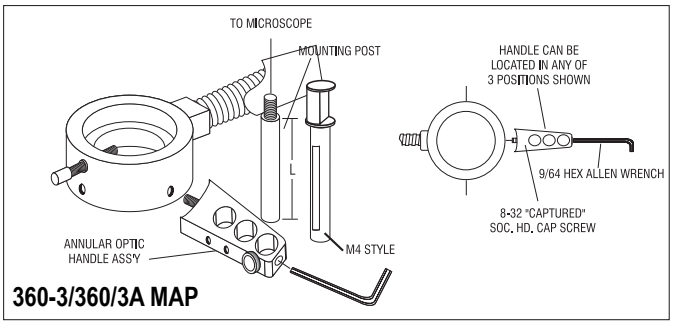
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RL MICROSCOPE ADAPTERS

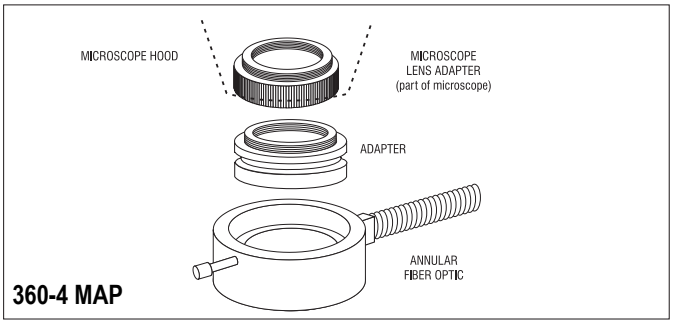
Manufacturer	Model Number	Ringlight	Adapter Order Code
Aus Jena	M-1, M-2, M-3	A3739P, A3739M	360-10 MAP
Aus Jena	Technival 2/Citoval 2	A3739P, A3739M	NOT REQUIRED
LEICA Cambridge Instruments	(B&L) Stereo or Stereozoom 1 thru 5, GZ-4	A3739P, A3739M	360-4 MAP
LEICA Cambridge Instruments	(B&L) Stereozoom 6 & SZ-4	A3739P, A3739M	360-4A MAP
LEICA Cambridge Instruments	(B&L) Stereozoom 6 & SZ-4 Auxiliary Lenses .3X, .5X, .75X, 1.5X, 2.0X & Lens Shield	A3739P, A3739M	360-5 MAP
LEICA Cambridge Instruments	(B&L) Stereozoom 7	A3739P, A3739M	360-3 MAP
LEICA Cambridge Instruments	(B&L) Stereozoom 7, Low Magnification	A3739P, A3739M	360-3A MAP
LEICA Cambridge Instruments	All Cycloptic (AO) Series, Stereostar/Zoom Models w/.5X Auxiliary Lens	A3739P, A3739M	360-5 MAP
LEICA Cambridge Instruments	(AO) Stereostar/zoom Models w/1.25X, 1.5X or Lens Shield	A3739P, A3739M	360-6 MAP
LEICA Cambridge Instruments	(AO) Stereostar/zoom Models 569, 570, 580	A3739P, A3739M	360-6B MAP
LEICA Cambridge Instruments	GZ-6 .5X, 2.0X	LP25A36M	NOT REQUIRED
LEICA Cambridge Instruments	S4E, S6D/E, S8APO	LP25Li36M	NOT REQUIRED
LEICA Cambridge Instruments	M10	A3739P, A3739M	360-12A MAP
LEICA Cambridge Instruments	Leica S4/S6 ring light	LP25LI36M	NOT REQUIRED
Edmund Scientific	37659, 38334, 38335	A3739P, A3739M	360-6 MAP
Edmund Scientific	85056, 37691	A3739P, A3739M	360-12A MAP
Meiji	EMZ Series	A3739P, A3739M	NOT REQUIRED
NIKON	SMZ-U, SMZ10A, SMZ1500, SMZ1000 w/2X Auxiliary Lens	700009570036	NOT REQUIRED
NIKON	SM, SMZ, SMZ-10	A3739P, A3739M	360-5 MAP
NIKON	SMZ 645, SMZ660, SMZ660V, SMZ1000 w/.5X to 1.5X Auxiliary Lenses	A645NK41	LOCKING RING INCLUDED
NIKON	SMZ800	LPA25A36M	NOT REQUIRED
NIKON	SMZ-1/1B, SMZ-DOD, SMZ-2B/2T	A3739P, A3739M	360-11 MAP
OLYMPUS	SZH	A3739P, A3739M	NOT REQUIRED
OLYMPUS	SZ-II, SZ-III, SZ-III-Tr, JM/JM-Tr, SZ-30, SZ-40, SZ-60 Models with .5X & .75X Auxiliary Lenses	A3739P, A3739M	360-7 MAP
OLYMPUS	SZ-II, SZ-III, SZ-III-Tr, JM/JM-Tr W/O AUX LENS	A3739P, A3739M	360-6A MAP
OLYMPUS	SZ-30, SZ-40, SZ-60 Models without auxiliary lenses, SZ-51, SZ-61	AOLM48	LOCKING RING INCLUDED
OLYMPUS	SZX9, SZX12, SZ-7	700009570036	NOT REQUIRED
OLYMPUS	VM, VMZ	A3739P, A3739M	360-12 MAP
POLAROID	Model MP4 Camera	A3739P, A3739M	360-7A MAP
UNITRON	FSB, ZSB & ZST	A3739P, A3739M	360-9 MAP
WILD	M-3, M3Z Plan, M-4, M-4A, M-5A, M-7A, M7S, M8,	A3739P, A3739M	NOT REQUIRED
WILD	M8, M400, MZB, Lower Magnification Only	A3739P, A3739M	360-12A MAP
WOLFE	Advanced & Zoom Models	A3739P, A3739M	360-9 MAP
ZEISS	SR Scopes & Aux Lenses: F=50, 100, 125, 175,	A3739P, A3739M	360-9 MAP
ZEISS	SV8 & IV/B	A3739P, A3739M	360-5 MAP
ZEISS	Microscopes with Objective O.D.s from 65-66.5mm	A3739P, A3739M	360-12A MAP
ZEISS	GSZ, STEMI 2000	A3739P, A3739M	NOT REQUIRED
UNITRON	ZST, ZSB 48" Ringlight	AUNi48	LOCKING RING INCLUDED



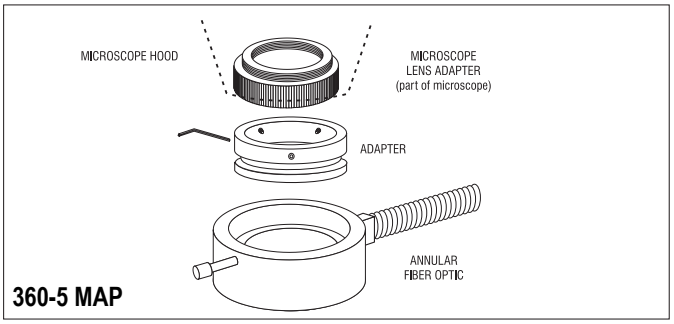
360-2/360/2A MAP



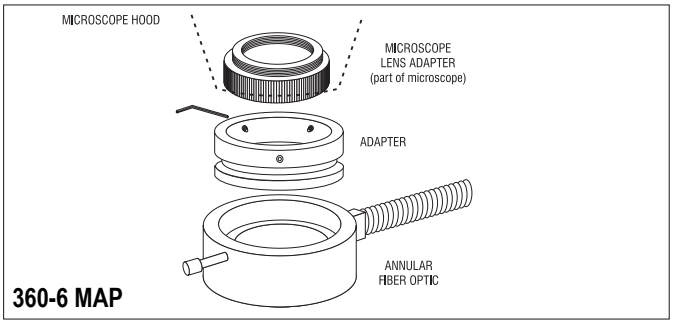
360-3/360/3A MAP



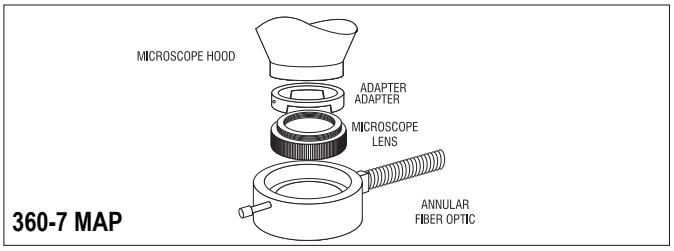
360-4 MAP



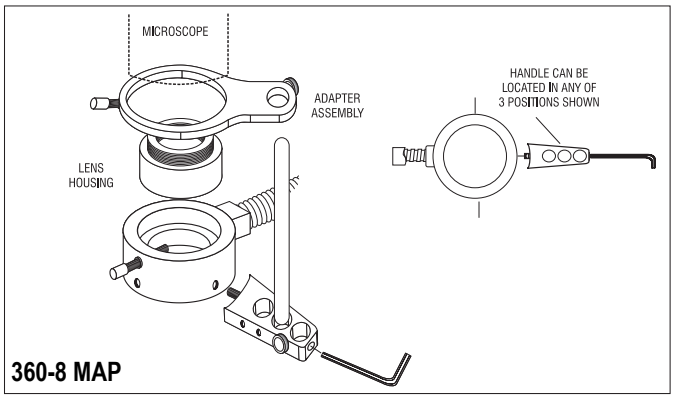
360-5 MAP



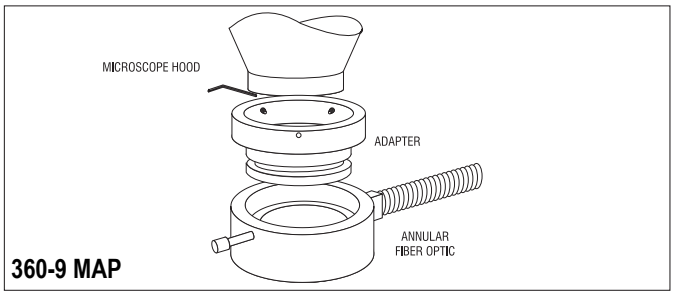
360-6 MAP



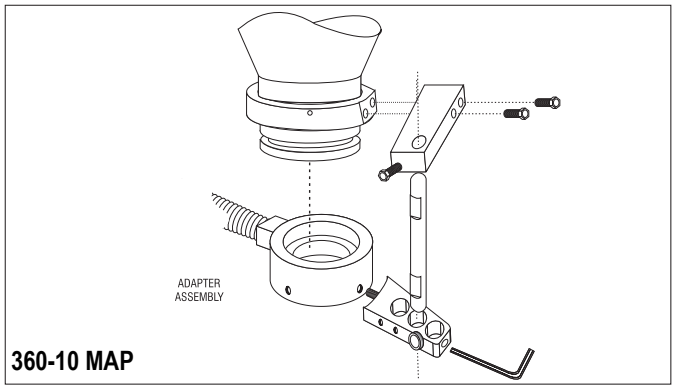
360-7 MAP



360-8 MAP



360-9 MAP



360-10 MAP

Dolan-Jenner industries

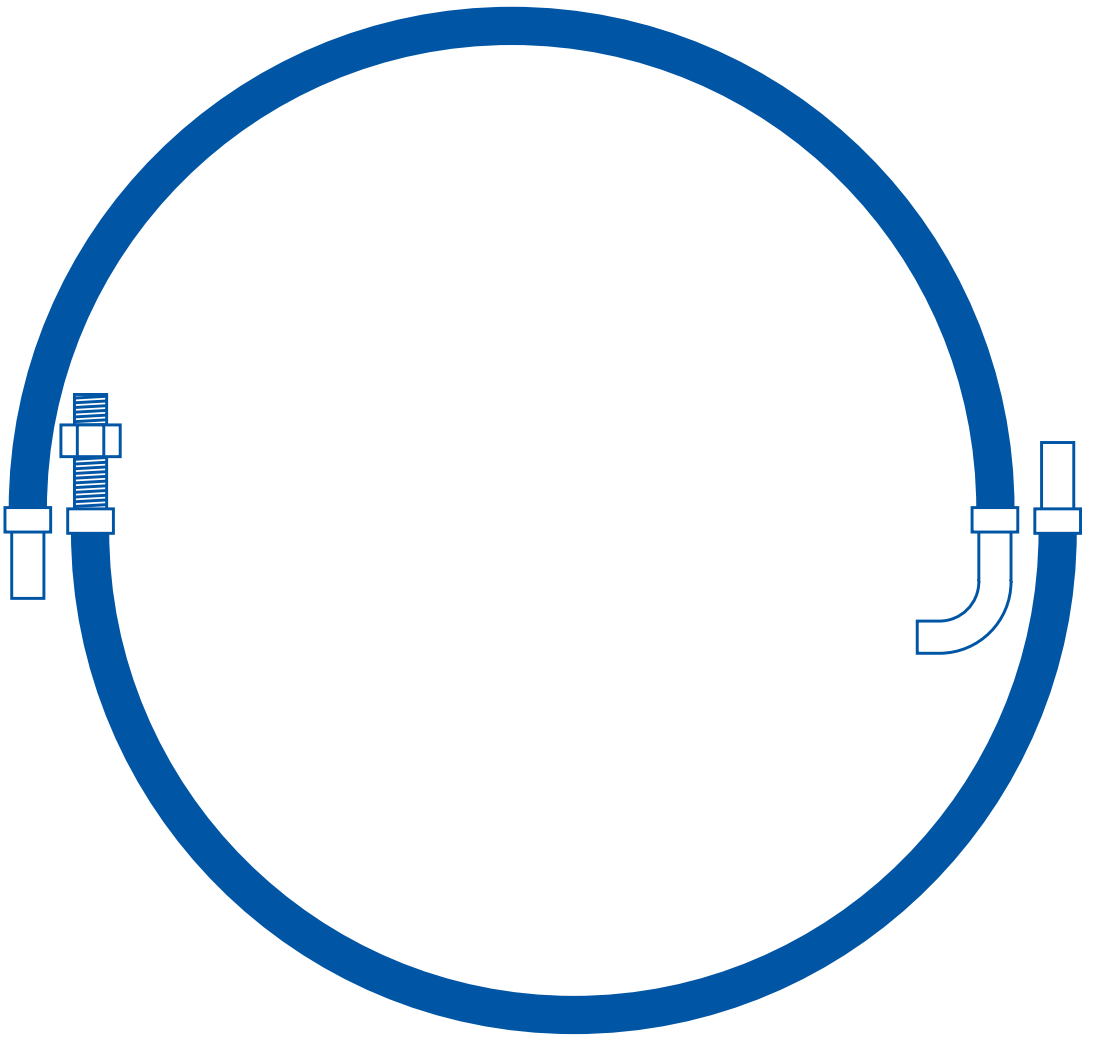
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Section: V

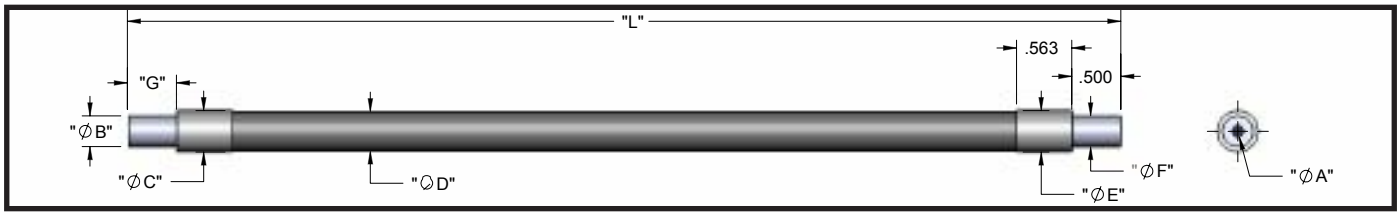
GLASS FIBER OPTIC LIGHT GUIDES



Dolan-Jenner industries

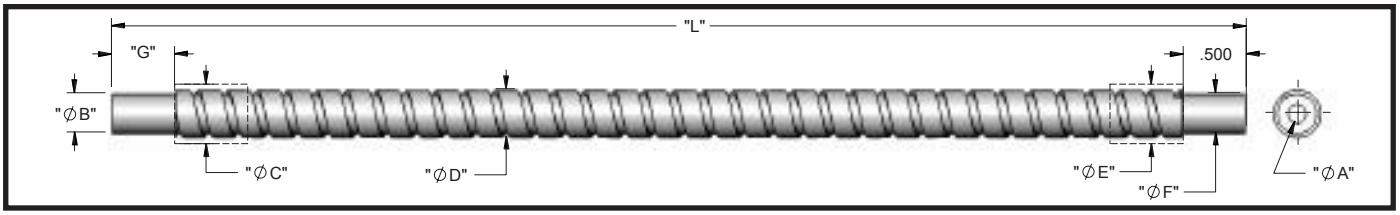
Dolan-Jenner industries

Single, Straight, Flexible Light Guides



B - Standard End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 225°F

Model	Part #	A	B	C	D	E	F	G	L
B624	002112003024		.187" (4.75 mm)	.205" (5.2 mm)	.190" (4.8 mm)	.205" (5.2 mm)		.50" (12.7 mm)	24" (609.6 mm)
B624M	700009680024		.588" (15 mm)	.615" (15.6 mm)	.230" (5.8 mm)	.250" (6.3 mm)		.83" (21 mm)	24" (609.6 mm)
B636	002112003036		.187" (4.75 mm)	.205" (5.2 mm)	.190" (4.8 mm)	.205" (5.2 mm)		.50" (12.7 mm)	36" (914.4 mm)
B636M	700009680036	.063"	.588" (15 mm)	.615" (15.6 mm)	.230" (5.8 mm)	.250" (6.3 mm)	.187"	.83" (21 mm)	36" (914.4 mm)
B648	002112003048	(1.60 mm)	.187" (4.75 mm)	.205" (5.2 mm)	.190" (4.8 mm)	.205" (5.2 mm)	(4.75 mm)	.50" (12.7 mm)	48" (1219.2 mm)
B648M	700009680048		.588" (15 mm)	.615" (15.6 mm)	.230" (5.8 mm)	.250" (6.3 mm)		.83" (21 mm)	48" (1219.2 mm)
B672	002112003072		.187" (4.75 mm)	.205" (5.2 mm)	.190" (4.8 mm)	.205" (5.2 mm)		.50" (12.7 mm)	72" (1828.8 mm)
B672M	700009680072		.588" (15 mm)	.615" (15.6 mm)	.230" (5.8 mm)	.250" (6.3 mm)		.83" (21 mm)	72" (1828.8 mm)
B824	002112005024		.187" (4.75 mm)	.250" (6.3 mm)				.50" (12.7 mm)	24" (609.6 mm)
B824M	002112520024		.588" (15 mm)	.615" (15.6 mm)				.83" (21 mm)	24" (609.6 mm)
B836	002112005036		.187" (4.75 mm)	.250" (6.3 mm)				.50" (12.7 mm)	36" (914.4 mm)
B836M	002112520036		.588" (15 mm)	.615" (15.6 mm)				.83" (21 mm)	36" (914.4 mm)
B848	002112005048		.187" (4.75 mm)	.250" (6.3 mm)				.50" (12.7 mm)	48" (1219.2 mm)
B848M	002112520048		.588" (15 mm)	.615" (15.6 mm)				.83" (21 mm)	48" (1219.2 mm)
B860	002112005060		.187" (4.75 mm)	.250" (6.3 mm)				.50" (12.7 mm)	60" (1523 mm)
B860M	002112520060		.588" (15 mm)	.615" (15.6 mm)				.83" (21 mm)	60" (1523 mm)
B872	002112005072	.125"	.187" (4.75 mm)	.250" (6.3 mm)	.230"	.250"	.187"	.50" (12.7 mm)	72" (1828.8 mm)
B872M	002112520072	(3.18 mm)	.588" (15 mm)	.615" (15.6 mm)	(5.8 mm)	(6.3 mm)	(4.75 mm)	.83" (21 mm)	72" (1828.8 mm)
B896	002112005096		.187" (4.75 mm)	.250" (6.3 mm)				.50" (12.7 mm)	96" (2438.4 mm)
B896M	002112520096		.588" (15 mm)	.615" (15.6 mm)				.83" (21 mm)	96" (2438.4 mm)
B8120	002112005120		.187" (4.75 mm)	.250" (6.3 mm)				.50" (12.7 mm)	120" (3048 mm)
B8120M	002112520120		.588" (15 mm)	.615" (15.6 mm)				.83" (21 mm)	120" (3048 mm)
B8144	002112005144		.187" (4.75 mm)	.250" (6.3 mm)				.50" (12.7 mm)	144" (3655 mm)
B8144M	002112520144		.588" (15 mm)	.615" (15.6 mm)				.83" (21 mm)	144" (3655 mm)
B8240	002112005240		.187" (4.75 mm)	.250" (6.3 mm)				.50" (12.7 mm)	240" (6096 mm)
B536	SK96830036	.156"	.187"	.312"	.270"	.312"	.187"	.50" (12.7 mm)	36" (914.4 mm)
B548	SK96830048	(3.96 mm)	(4.75 mm)	(7.9 mm)	(6.85 mm)	(7.9 mm)	(4.75 mm)	.50" (12.7 mm)	48" (1219.2 mm)
B572	SK96830072							.50" (12.7 mm)	72" (1828.8 mm)
B424	002112007024		.312" (7.9 mm)	.422" (10.7 mm)				.50" (12.7 mm)	24" (609.6 mm)
B424M	002112424024		.588" (15 mm)	.615" (15.6 mm)				.83" (21 mm)	24" (609.6 mm)
B436	002112007036		.312" (7.9 mm)	.422" (10.7 mm)				.50" (12.7 mm)	36" (914.4 mm)
B436M	002112424036		.588" (15 mm)	.615" (15.6 mm)				.83" (21 mm)	36" (914.4 mm)
B448	002112007048		.312" (7.9 mm)	.422" (10.7 mm)				.50" (12.7 mm)	48" (1219.2 mm)
B448M	002112424048		.588" (15 mm)	.615" (15.6 mm)				.83" (21 mm)	48" (1219.2 mm)
B460	002112007060		.312" (7.9 mm)	.422" (10.7 mm)				.50" (12.7 mm)	60" (1523 mm)
B460M	002112424060		.588" (15 mm)	.615" (15.6 mm)				.83" (21 mm)	60" (1523 mm)
B472	002112007072		.312" (7.9 mm)	.422" (10.7 mm)				.50" (12.7 mm)	72" (1828.8 mm)
B472M	002112424072	.250"	.588" (15 mm)	.615" (15.6 mm)	.40"	.422"	.312"	.83" (21 mm)	72" (1828.8 mm)
B484	002112007084	(6.3 mm)	.312" (7.9 mm)	.422" (10.7 mm)	(10.2 mm)	(10.7 mm)	(7.9 mm)	.50" (12.7 mm)	84" (2132 mm)
B484M	002112424084		.588" (15 mm)	.615" (15.6 mm)				.83" (21 mm)	84" (2132 mm)
B496	002112007096		.312" (7.9 mm)	.422" (10.7 mm)				.50" (12.7 mm)	96" (2438.4 mm)
B496M	002112424096		.588" (15 mm)	.615" (15.6 mm)				.83" (21 mm)	96" (2438.4 mm)
B4120	002112007120		.312" (7.9 mm)	.422" (10.7 mm)				.50" (12.7 mm)	120" (3048 mm)
B4120M	002112424120		.588" (15 mm)	.615" (15.6 mm)				.83" (21 mm)	120" (3048 mm)
B4144	002112007144		.312" (7.9 mm)	.422" (10.7 mm)				.50" (12.7 mm)	144" (3655 mm)
B4144M	002112424144		.588" (15 mm)	.615" (15.6 mm)				.83" (21 mm)	144" (3655 mm)
B4240	002112007240		.312" (7.9 mm)	.422" (10.7 mm)				.50" (12.7 mm)	240" (6096 mm)
B4240M	002112424240		.588" (15 mm)	.615" (15.6 mm)				.83" (21 mm)	240" (6096 mm)
B3736	7000014930036	.375"	.562"	.75"	.67"	.75"	.562"	.50"	36" (914.4 mm)
B3748	7000014930048	(9.5 mm)	(14.26 mm)	(19 mm)	(17 mm)	(19 mm)	(14.26 mm)	(12.7 mm)	48" (1219.2 mm)
B3772	7000014930072								72" (1828.8 mm)
B236	7000014920036	.50"	.562"	.875"	.76"	875"	.562"	.50"	36" (914.4 mm)
B248	7000014920048	(12.7 mm)	(14.26 mm)	(22.2 mm)	(19.3 mm)	(22.2 mm)	(14.26 mm)	(12.7 mm)	48" (1219.2 mm)
B272	7000014920072								72" (1828.8 mm)



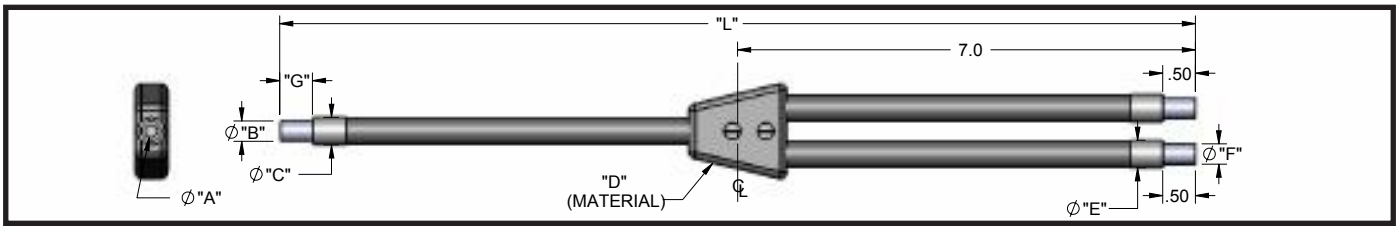
BX - Standard End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 225°F

Model	Part #	A	B	C	D	E	F	G	L
BX612 BX624 BX636 BX648 BX660 BX672	002114106012 002114106024 002114106036 002114106048 002114106060 002114106072	.063” (1.60 mm)	.187” (4.75 mm)	–	.203” (5.15 mm)	-	.187” (4.75 mm)	.50” (12.7 mm)	12” (305 mm) 24” (609.6 mm) 36” (914.4 mm) 48” (1219.2 mm) 60” (1523 mm) 72” (1828.8 mm)
BX824 BX824M BX836 BX836M BX848 BX848M BX860 BX860M BX872 BX872M BX896 BX896M BX8120 BX8120M BX8144 BX8144M BX8240	002112005024 002112520024 002112005036 002112520036 002112005048 002112520048 002112005060 002112520060 002112005072 002112520072 002112005096 002112520096 002112005120 002112520120 002112005144 002112520144 002112005240	.125” (3.18 mm)	.187” (4.75 mm) .588” (15 mm) .187” (4.75 mm) .588” (15 mm) .187” (4.75 mm) .588” (15 mm) .187” (4.75 mm) .588” (15 mm) .187” (4.75 mm) .588” (15 mm) .187” (4.75 mm) .588” (15 mm) .187” (4.75 mm) .588” (15 mm) .187” (4.75 mm) .588” (15 mm) .187” (4.75 mm)	.250” (6.3 mm) .615” (15.6 mm) .250” (6.3 mm) .615” (15.6 mm) .250” (6.3 mm) .615” (15.6 mm) .250” (6.3 mm) .615” (15.6 mm) .250” (6.3 mm) .615” (15.6 mm) .250” (6.3 mm) .615” (15.6 mm) .250” (6.3 mm) .615” (15.6 mm) .250” (6.3 mm) .615” (15.6 mm) .250” (6.3 mm)	.230” (5.8 mm)	.250” (6.3 mm)	.187” (4.75 mm)	.50” (12.7 mm) .83” (21 mm) .50” (12.7 mm) .83” (21 mm) .50” (12.7 mm) .83” (21 mm) .50” (12.7 mm) .83” (21 mm) .50” (12.7 mm) .83” (21 mm) .50” (12.7 mm) .83” (21 mm) .50” (12.7 mm) .83” (21 mm) .50” (12.7 mm) .83” (21 mm) .50” (12.7 mm)	24” (609.6 mm) 24” (609.6 mm) 36” (914.4 mm) 36” (914.4 mm) 48” (1219.2 mm) 48” (1219.2 mm) 60” (1523 mm) 60” (1523 mm) 72” (1828.8 mm) 72” (1828.8 mm) 96” (2438.4 mm) 96” (2438.4 mm) 120” (3048 mm) 120” (3048 mm) 144” (3655 mm) 144” (3655 mm) 240” (6096 mm)
BX536 BX548 BX572	SK96830036 SK96830048 SK96830072	.156” (3.96 mm)	.187” (4.75 mm)	.312” (7.9 mm)	.270” (6.85 mm)	.312” (7.9 mm)	.187” (4.75 mm)	.50” (12.7 mm) .50” (12.7 mm) .50” (12.7 mm)	36” (914.4 mm) 48” (1219.2 mm) 72” (1828.8 mm)
BX424 BX424M BX436 BX436M BX448 BX448M BX460 BX460M BX472 BX472M BX484 BX484M BX496 BX496M BX4120 BX4120M BX4144 BX4144M BX4240 BX4240M	002112007024 002112424024 002112007036 002112424036 002112007048 002112424048 002112007060 002112424060 002112007072 002112424072 002112007084 002112424084 002112007096 002112424096 002112007120 002112424120 002112007144 002112424144 002112007240 002112424240	.250” (6.3 mm)	.312” (7.9 mm) .588” (15 mm) .312” (7.9 mm) .588” (15 mm) .312” (7.9 mm) .588” (15 mm) .312” (7.9 mm) .588” (15 mm) .312” (7.9 mm) .588” (15 mm) .312” (7.9 mm) .588” (15 mm) .312” (7.9 mm) .588” (15 mm) .312” (7.9 mm) .588” (15 mm) .312” (7.9 mm) .588” (15 mm) .312” (7.9 mm) .588” (15 mm)	.422” (10.7 mm) .615” (15.6 mm) .422” (10.7 mm) .615” (15.6 mm) .422” (10.7 mm) .615” (15.6 mm) .422” (10.7 mm) .615” (15.6 mm) .422” (10.7 mm) .615” (15.6 mm) .422” (10.7 mm) .615” (15.6 mm) .422” (10.7 mm) .615” (15.6 mm) .422” (10.7 mm) .615” (15.6 mm) .422” (10.7 mm) .615” (15.6 mm) .422” (10.7 mm) .615” (15.6 mm)	.40” (10.2 mm)	.422” (10.7 mm)	.312” (7.9 mm)	.50” (12.7 mm) .83” (21 mm) .50” (12.7 mm) .83” (21 mm) .50” (12.7 mm) .83” (21 mm) .50” (12.7 mm) .83” (21 mm) .50” (12.7 mm) .83” (21 mm) .50” (12.7 mm) .83” (21 mm) .50” (12.7 mm) .83” (21 mm) .50” (12.7 mm) .83” (21 mm) .50” (12.7 mm) .83” (21 mm) .50” (12.7 mm) .83” (21 mm)	24” (609.6 mm) 24” (609.6 mm) 36” (914.4 mm) 36” (914.4 mm) 48” (1219.2 mm) 48” (1219.2 mm) 60” (1523 mm) 60” (1523 mm) 72” (1828.8 mm) 72” (1828.8 mm) 84” (2132 mm) 84” (2132 mm) 96” (2438.4 mm) 96” (2438.4 mm) 120” (3048 mm) 120” (3048 mm) 144” (3655 mm) 144” (3655 mm) 240” (6096 mm) 240” (6096 mm)
BX3736 BX3748 BX3772	7000014930036 7000014930048 7000014930072	.375” (9.5 mm)	.562” (14.26 mm)	.75” (19 mm)	.67” (17 mm)	.75” (19 mm)	.562” (14.26 mm)	.50” (12.7 mm)	36” (914.4 mm) 48” (1219.2 mm) 72” (1828.8 mm)
BX236 BX248 BX272	7000014920036 7000014920048 7000014920072	.50” (12.7 mm)	.562” (14.26 mm)	.875” (22.2 mm)	.76” (19.3 mm)	875” (22.2 mm)	.562” (14.26 mm)	.50” (12.7 mm)	36” (914.4 mm) 48” (1219.2 mm) 72” (1828.8 mm)

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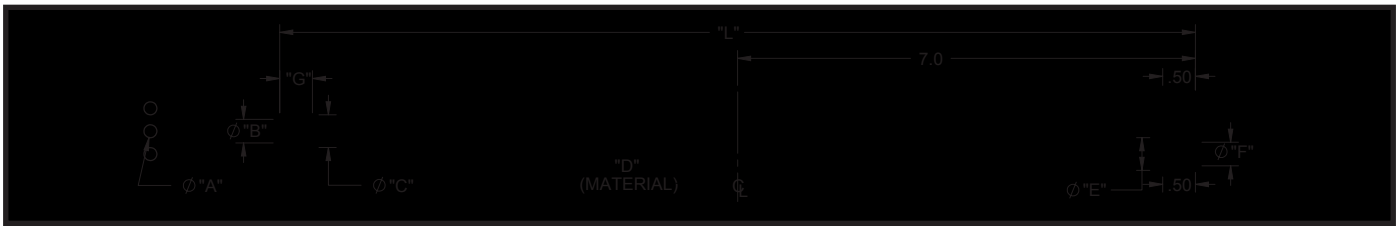
Dolan-Jenner industries

Dual-Branch, Bifurcated, Flexible Light Guides



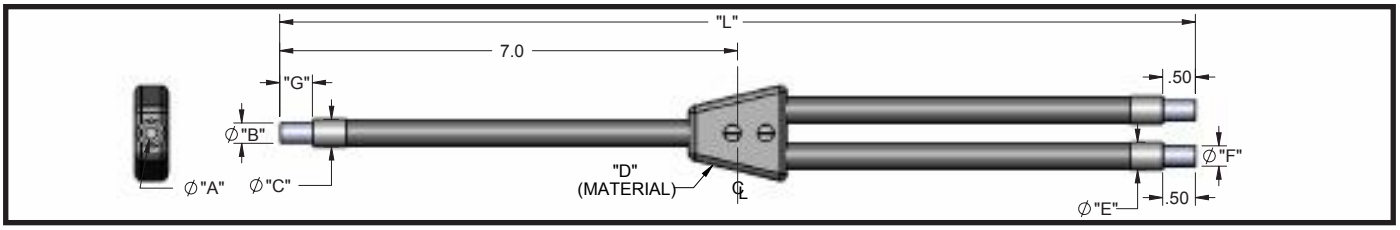
E - Bifurcated Light Guide, Randomized, PVC Monocoil Sheathing, Rated for -40°F to 225°F

Model	Part #	A	B	C	D	E	F	G	L
E624 E636 E648 E660 E672	002122006024 002122006036 002122006048 002122006060 002122006072	.063" (1.60 mm)	.187" (4.75 mm)	.205" (5.2 mm)	PVC Heat Shrink	.205" (5.2 mm)	.187" (4.75 mm)	.50" (12.7 mm)	24" (609.6 mm) 36" (914.4 mm) 48" (1219.2 mm) 60" (1523 mm) 72" (1828.8 mm)
E824 E836 E848 E848M E860 E872 E896	002122008024 002122008036 002122008048 002122530048 002122008060 002122008072 002122008096	.125" (3.18 mm)	.187" (4.75 mm) .187" (4.75 mm) .187" (4.75 mm) .588" (15 mm) .187" (4.75 mm) .187" (4.75 mm) .187" (4.75 mm)	.250" (6.3 mm) .250" (6.3 mm) .250" (6.3 mm) .615" (15.6 mm) .250" (6.3 mm) .250" (6.3 mm) .250" (6.3 mm)	PVC Heat Shrink	.250" (6.3 mm)	.187" (4.75 mm)	.50" (12.7 mm) .50" (12.7 mm) .50" (12.7 mm) .83" (21 mm) .50" (12.7 mm) .50" (12.7 mm) .50" (12.7 mm)	24" (609.6 mm) 36" (914.4 mm) 48" (1219.2 mm) 48" (1219.2 mm) 60" (1523 mm) 72" (1828.8 mm) 96" (2438.4 mm)
E524 E536 E572	SK95900024 SK95900036 SK95900072	.156" (3.96 mm)	.187" (4.75 mm)	.312" (7.9 mm)	PVC Heat Shrink	.312" (7.9 mm)	.187" (4.75 mm)	.50" (12.7 mm)	24" (609.6 mm) 36" (914.4 mm) 72" (1828.8 mm)
E424 E436 E448 E448M E472 E472M	002112007024 002112007036 002112007048 002112424048 002112007072 002112424072	.250" (6.3 mm)	.312" (7.9 mm) .312" (7.9 mm) .312" (7.9 mm) .588" (15 mm) .312" (7.9 mm) .588" (15 mm)	.422" (10.7 mm) .422" (10.7 mm) .422" (10.7 mm) .615" (15.6 mm) .422" (10.7 mm) .615" (15.6 mm)	PVC Heat Shrink	.422" (10.7 mm)	.312" (7.9 mm)	.50" (12.7 mm) .50" (12.7 mm) .50" (12.7 mm) .83" (21 mm) .50" (12.7 mm) .83" (21 mm)	24" (609.6 mm) 36" (914.4 mm) 48" (1219.2 mm) 48" (1219.2 mm) 72" (1828.8 mm) 72" (1828.8 mm)
E3736 E3748 E3772	7000014930036 7000014930048 7000014930072	.375" (9.5 mm)	.562" (14.26 mm)	.75" (19 mm)	PVC Heat Shrink	.75" (19 mm)	.562" (14.26 mm)	.50" (12.7 mm)	36" (914.4 mm) 48" (1219.2 mm) 72" (1828.8 mm)
E236 E248 E272	7000014920036 7000014920048 7000014920072	.50" (12.7 mm)	.562" (14.26 mm)	.875" (22.2 mm)	PVC Heat Shrink	875" (22.2 mm)	.562" (14.26 mm)	.50" (12.7 mm)	36" (914.4 mm) 48" (1219.2 mm) 72" (1828.8 mm)



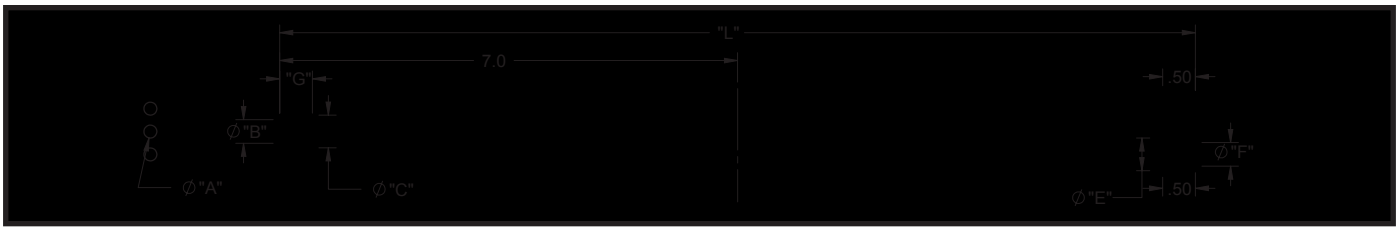
EX - Bifurcated Light Guide, Randomized, Stainless Steel Sheathing, Rated for -40°F to 225°F

Model	Part #	A	B	C	D	E	F	G	L
EX624 EX636 EX672	002124006024 002124006036 002124006072	.063" (1.60 mm)	.187" (4.75 mm)	-	Metal Transition	-	.187" (4.75 mm)	.50" (12.7 mm)	24" (609.6 mm) 36" (914.4 mm) 72" (1828.8 mm)
EX824 EX836 EX848 EX860 EX872	002124008024 002124008036 002124008048 002124008060 002124008072	.125" (3.18 mm)	.187" (4.75 mm)	-	Metal Transition	-	.187" (4.75 mm)	.50" (12.7 mm)	24" (609.6 mm) 36" (914.4 mm) 48" (1219.2 mm) 60" (1523 mm) 72" (1828.8 mm)
EX424 EX448 EX472	SK78660024 SK78660048 SK78660072	.250" (6.3 mm)	.312" (7.9 mm)	-	PVC Heat Shrink	-	.312" (7.9 mm)	.50" (12.7 mm)	24" (609.6 mm) 48" (1219.2 mm) 72" (1828.8 mm)



EE - Bifurcated Light Guide, Non-Randomized, PVC Monocoil Sheathing, Rated for -40°F to 225°F

Model	Part #	A	B	C	D	E	F	G	L
EE624 EE636 EE660 EE672 EE696	0021220106024 0021220106036 0021220106060 0021220106072 0021220106096	.063" (1.60 mm)	.187" (4.75 mm)	.205" (5.2 mm)	PVC Heat Shrink	.205" (5.2 mm)	.187" (4.75 mm)	.50" (12.7 mm)	24" (609.6 mm) 36" (914.4 mm) 60" (1523 mm) 72" (1828.8 mm) 96" (2438.4 mm)
EE824 EE836 EE836M EE848 EE860 EE860M EE872 EE896 EE8144 EE8240	002122008024 002122008036 002122360036 002122008048 002122008060 002122360060 002122008072 002122008096 002122008144 002122008240	.125" (3.18 mm)	.187" (4.75 mm) .187" (4.75 mm) .588" (15 mm) .187" (4.75 mm) .187" (4.75 mm) .588" (15 mm) .187" (4.75 mm) .187" (4.75 mm) .187" (4.75 mm) .187" (4.75 mm)	.250" (6.3 mm) .250" (6.3 mm) .615" (15.6 mm) .250" (6.3 mm) .250" (6.3 mm) .615" (15.6 mm) .250" (6.3 mm) .250" (6.3 mm) .250" (6.3 mm) .250" (6.3 mm)	PVC Heat Shrink	.250" (6.3 mm)	.187" (4.75 mm)	.50" (12.7 mm) .50" (12.7 mm) .83" (21 mm) .50" (12.7 mm) .50" (12.7 mm) .83" (21 mm) .50" (12.7 mm) .50" (12.7 mm) .50" (12.7 mm) .50" (12.7 mm)	24" (609.6 mm) 36" (914.4 mm) 36" (914.4 mm) 48" (1219.2 mm) 60" (1523 mm) 60" (1523 mm) 72" (1828.8 mm) 96" (2438.4 mm) 144" (3655 mm) 240" (6096 mm)
EE412 EE424 EE424M EE436 EE436M EE448 EE448M EE460 EE460M EE472 EE472M EE496 EE4120	002122014012 002122014024 002122340024 002122014036 002122340036 002122014048 002122340048 002122014060 002122340060 002122014072 002122340072 002122014096 002122014120	.250" (6.3 mm)	.312" (7.9 mm) .312" (7.9 mm) .588" (15 mm) .312" (7.9 mm) .588" (15 mm) .312" (7.9 mm) .588" (15 mm) .312" (7.9 mm) .588" (15 mm) .312" (7.9 mm) .588" (15 mm) .312" (7.9 mm) .312" (7.9 mm)	. .422" (10.7 mm) .422" (10.7 mm) .615" (15.6 mm) .422" (10.7 mm) .615" (15.6 mm) .422" (10.7 mm) .615" (15.6 mm) .422" (10.7 mm) .615" (15.6 mm) .422" (10.7 mm) .615" (15.6 mm) .422" (10.7 mm) .422" (10.7 mm)	PVC Heat Shrink	.422" (10.7 mm)	.312" (7.9 mm)	.50" (12.7 mm) .50" (12.7 mm) .83" (21 mm) .50" (12.7 mm) .83" (21 mm) .50" (12.7 mm) .83" (21 mm) .50" (12.7 mm) .83" (21 mm) .50" (12.7 mm) .83" (21 mm) .50" (12.7 mm) .50" (12.7 mm)	12" (305 mm) 24" (609.6 mm) 24" (609.6 mm) 36" (914.4 mm) 36" (914.4 mm) 48" (1219.2 mm) 48" (1219.2 mm) 60" (1523 mm) 60" (1523 mm) 72" (1828.8 mm) 72" (1828.8 mm) 96" (2438.4 mm) 120" (3048 mm)



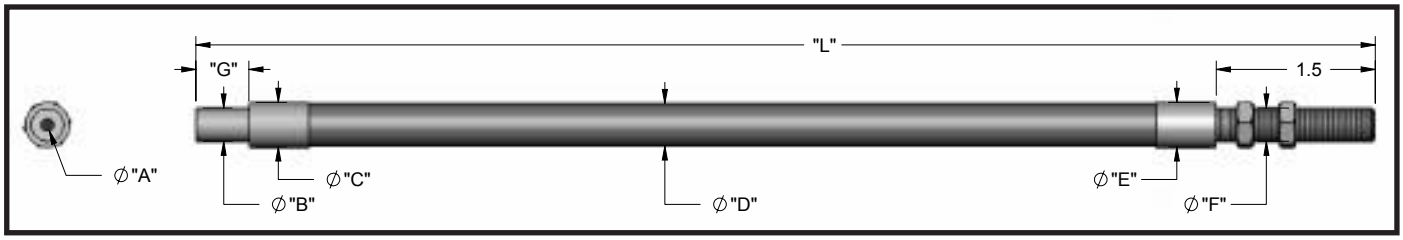
EEX - Bifurcated Light Guide, Non-Randomized, Stainless Steel Sheathing, Rated for -40°F to 225°F

Model	Part #	A	B	C	D	E	F	G	L
EEX836	SK78130036	.125" (3.18 mm)	.187" (4.75 mm)	-	Metal Transition	-	.187" (4.75 mm)	.50" (12.7 mm)	36" (914.4 mm)
EEX524	002124075024	.156" (3.96 mm)	.187" (4.75 mm)	-	Metal Transition	-	.187" (4.75 mm)	.50" (12.7 mm)	24" (609.6 mm)
EEX448 EEX460 EEX472 EEX496	SK80080048 SK80080060 SK80080072 SK80080096	.250" (6.3 mm)	.312" (7.9 mm)	-	PVC Heat Shrink	-	.312" (7.9 mm)	.50" (12.7 mm)	48" (1219.2 mm) 60" (1523 mm) 72" (1828.8 mm) 96" (2438.4 mm)

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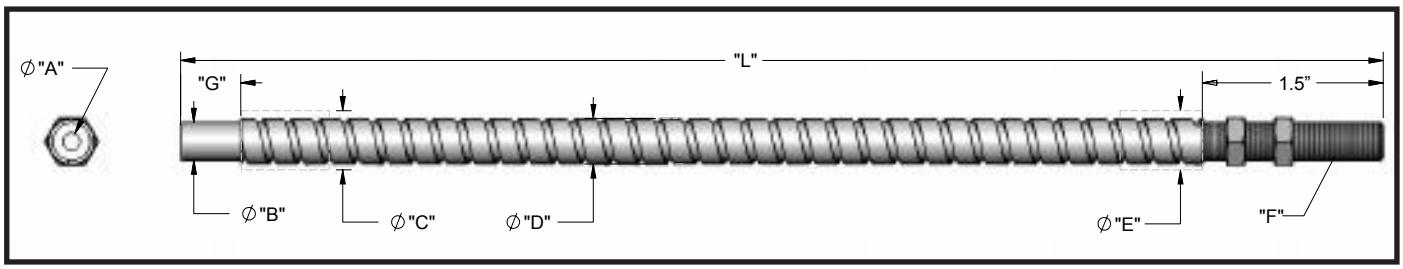
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Threaded End Tip Light Guides



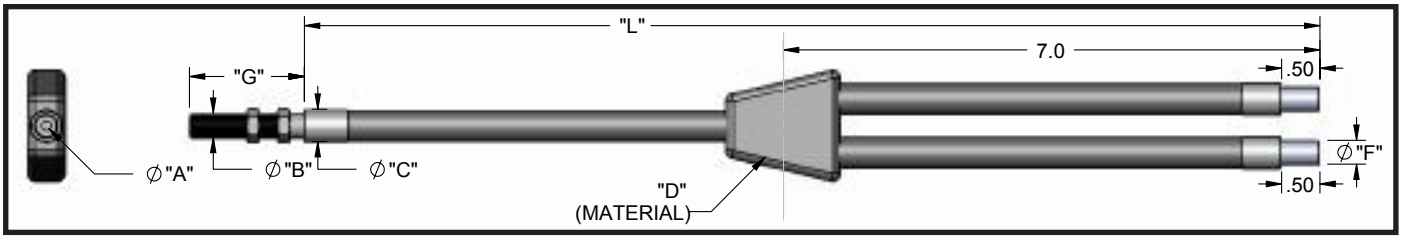
BT - Threaded End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 225°F

Model	Part #	A	B	C	L	Thread
BT636 BT672	002112106036 002112106072	.063" (1.60 mm)	.312" (7.92 mm)	.190" (4.83 mm)	36" (914.40 mm) 72" (1828.80 mm)	5/16-24 UNF
BT824 BT836 BT848 BT872 BT896 BT8120	002112108024 002112108036 002112108048 002112108072 002112108096 002112108120	.125" (3.18 mm)	.312" (7.92 mm)	.230" (5.84 mm)	24" (609.60 mm) 36" (914.40 mm) 48" (1219.20 mm) 72" (1828.80 mm) 96" (2438.40mm) 120" (3048.01 mm)	5/16-24 UNF
BT536 BT548 BT572	SK96830036 SK96830048 SK96830072	.156" (3.96 mm)	.375" (9.53 mm)	.268" (6.81 mm)	36" (914.40 mm) 48" (1219.20 mm) 72" (1828.80 mm)	5/16-24 UNF
BT436 BT448 BT472	700002434036 700002434048 700002434072	.250" (6.35mm)	.422" (10.7mm)	.400 (10.15mm)	36" (914.40 mm) 48" (1219.20 mm) 72" (1828.80 mm)	1/2-20 UNF



BXT - Threaded End Ferrule, Stainless Steal Sheathing, Rated for -40°F to 500°F

Model	Part #	A	B	C	L	Thread
BXT618 BXT624 BXT636 BXT648 BXT672	002114106018 002114106024 002114106036 002114106048 002114106072	.063" (1.60 mm)	.312" (7.92 mm)	.203" (5.16 mm)	18" (457.20 mm) 24" (609.60 mm) 36" (914.40 mm) 48" (1219.20 mm) 72" (1828.80 mm)	5/16-24 UNF
BXT812 BXT824 BXT836 BXT848 BXT860 BXT872 BXT896 BXT8120	002114108012 002114108024 002114108036 002114108048 002114108060 002114108072 002114108096 002114108120	.125" (3.18 mm)	.312" (7.92 mm)	.244" (6.20 mm)	12" (304.80 mm) 24" (609.60 mm) 36" (914.40 mm) 48" (1219.20 mm) 60" (1524.00 mm) 72" (1828.80 mm) 96" (2438.40mm) 120" (3048.01 mm)	5/16-24 UNF
BXT536	002114105036	.156" (3.96 mm)	.375" (9.53 mm)	.306" (7.77 mm)	36" (914.40 mm)	5/16-24 UNF
BXT436 BXT448 BXT460	SK83490036 SK83490048 SK83490060	.250" (6.35mm)	.563" (14.29mm)	.422" (10.7mm)	36" (914.40 mm) 48" (1219.20 mm) 60" (1524.00 mm)	1/2-20 UNF

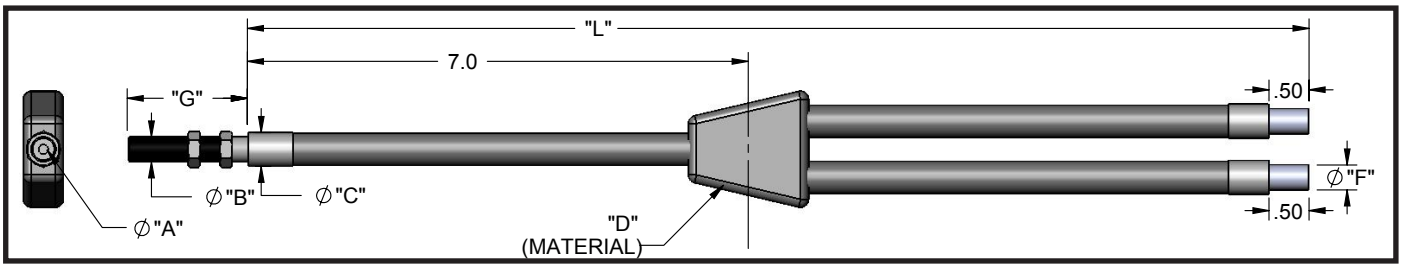


ET - Bifurcated Light Guide, Randomized, PVC Monocoil Sheathing, Threaded End, Rated for -40°F to 225°F

Model	Part #	A	B	C	D	E	F	G	L
ET624 ET636 ET672	002122106024 002122106036 002122106072	.063" (1.60 mm)	5/16-24 UNF	.312" (7.9 mm)	PVC Heat Shrink	.205" (5.2 mm)	.187" (4.75 mm)	1.50" (38 mm)	24" (609.6 mm) 36" (914.4 mm) 72" (1828.8 mm)
ET824 ET836 ET848 ET872	002122108024 002122108036 002122108048 002122108072	.125" (3.18 mm)	5/16-24 UNF	.312" (7.9 mm)	PVC Heat Shrink	.250" (6.3 mm)	.187" (4.75 mm)	1.50" (38 mm)	24" (609.6 mm) 36" (914.4 mm) 48" (1219.2 mm) 72" (1828.8 mm)
ET536 ET572	002122105036 002122105072	.156" (3.96 mm)	5/16-24 UNF	.312" (7.9 mm)	PVC Heat Shrink	.250" (6.3 mm)	.187" (4.75 mm)	1.50" (38 mm)	36" (914.4 mm) 72" (1828.8 mm)

EXT, EPXT - Bifurcated Light Guide, Randomized, Stainless Steel Sheathing, Threaded End

Model	Part #	A	B	C	D	E	F	G	L
EXT624 EXT636 EXT672	002124106024 002124106036 002124106072	.063" (1.60 mm)	5/16-24 UNF	.312" (7.9 mm)	Metal Transition	-	.187" (4.75 mm)	1.50" (38 mm)	24" (609.6 mm) 36" (914.4 mm) 72" (1828.8 mm)
EXT824 EXT836 EXT848 EXT872	002124108024 002124108036 002124108048 002124108072	.125" (3.18 mm)	5/16-24 UNF	.312" (7.9 mm)	Metal Transition	-	.187" (4.75 mm)	1.50" (38 mm)	24" (609.6 mm) 36" (914.4 mm) 48" (1219.2 mm) 72" (1828.8 mm)
EPXT624 EPXT636	002124316024 002124316036	.063" (1.60 mm)	5/16-24 UNF	.312" (7.9 mm)	PVC Heat Shrink	-	.187" (4.75 mm)	1.50" (38 mm)	24" (609.6 mm) 36" (914.4 mm)
EPXT824 EPXT836	002124318024 002124318036	.125" (3.18 mm)	5/16-24 UNF	.312" (7.9 mm)	PVC Heat Shrink	-	.187" (4.75 mm)	1.50" (38 mm)	24" (609.6 mm) 36" (914.4 mm)



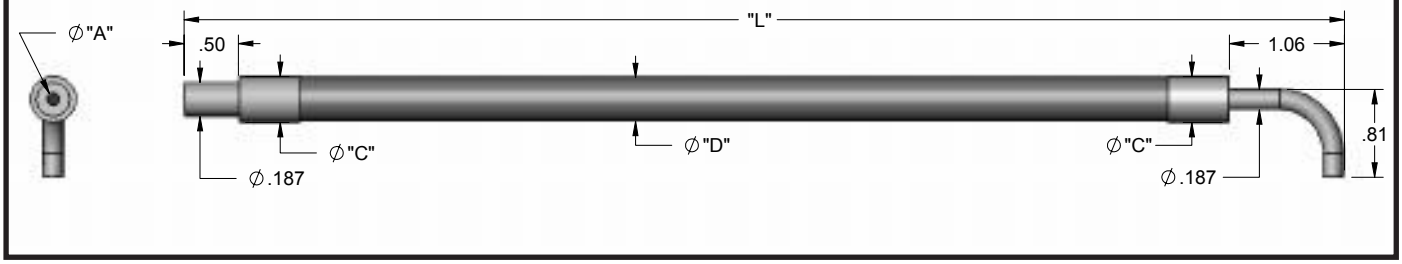
EET - Bifurcated Light Guide, Randomized, PVC Monocoil Sheathing, Threaded End, Rated for -40°F to 225°F

Model	Part #	A	B	C	D	E	F	G	L
EET648	002122386048	.063" (1.60 mm)	5/16-24 UNF	.312" (7.9 mm)	PVC Heat Shrink	.205" (5.2 mm)	.187" (4.75 mm)	1.50" (38 mm)	48" (1219.2 mm)
EET848	002122390048	.125" (3.18 mm)	5/16-24 UNF	.312" (7.9 mm)	PVC Heat Shrink	.250" (6.3 mm)	.187" (4.75 mm)	1.50" (38 mm)	48" (1219.2 mm)
EET548	002122370048	.156" (3.96 mm)	5/16-24 UNF	.312" (7.9 mm)	PVC Heat Shrink	.250" (6.3 mm)	.187" (4.75 mm)	1.50" (38 mm)	48" (1219.2 mm)

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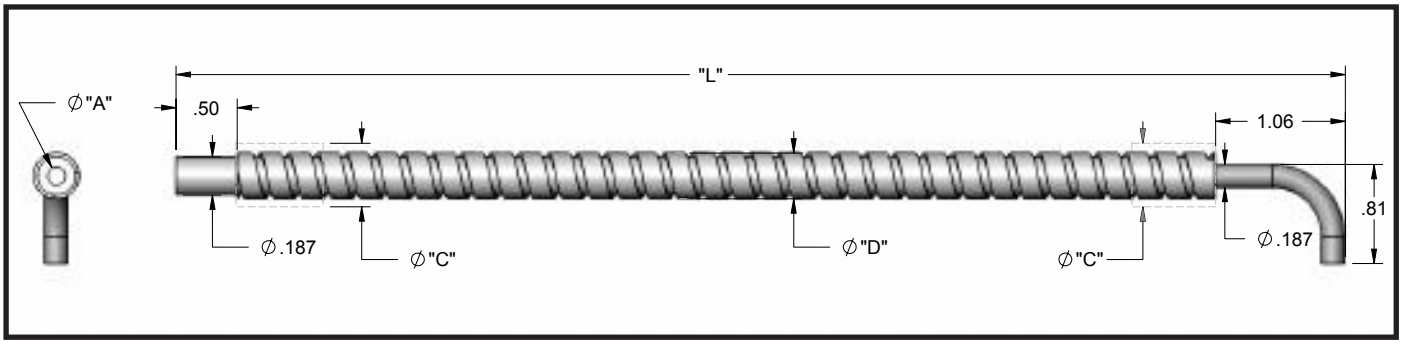
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BL & EL Series Light Guides



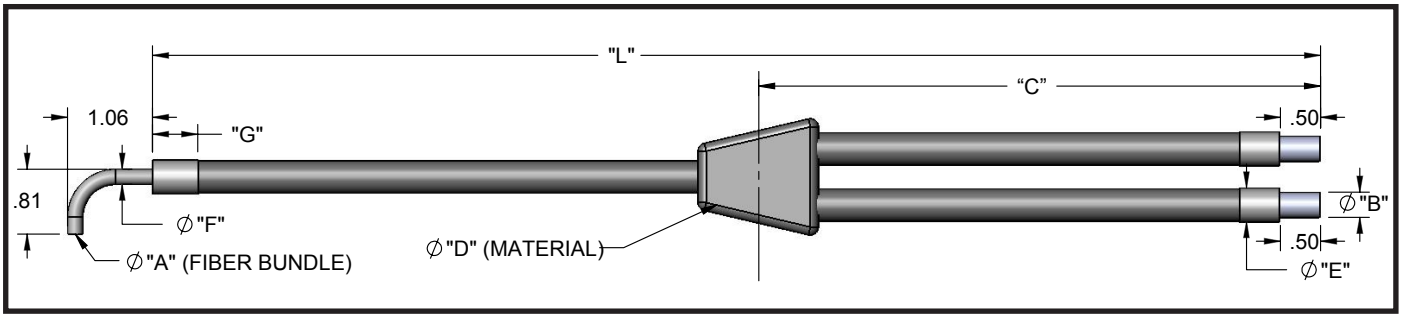
BL - Standard End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 225°F

Model	Part #	A	C	D	L
BL612 BL620 BL624 BL636 BL648 BL672	002112206012 002112206020 002112206024 002112206036 002112206048 002112206072	.063” (1.60 mm)	.250” (6.35 mm)	.230” (5.84 mm)	12” (304.80 mm) 20” (508.00 mm) 24” (609.60 mm) 36” (914.40 mm) 48” (1219.20 mm) 72” (1828.80 mm)
BL824	002112208024	.125” (3.18 mm)	.250” (6.35 mm)	.230” (5.84 mm)	24” (609.60 mm)
BL524 BL536 BL5120	SK95260024 SK95260036 SK95260120	.156” (3.96 mm)	.312” (7.92 mm)	.268” (6.81 mm)	24” (609.60 mm) 36” (914.40 mm) 120” (3048.0mm)



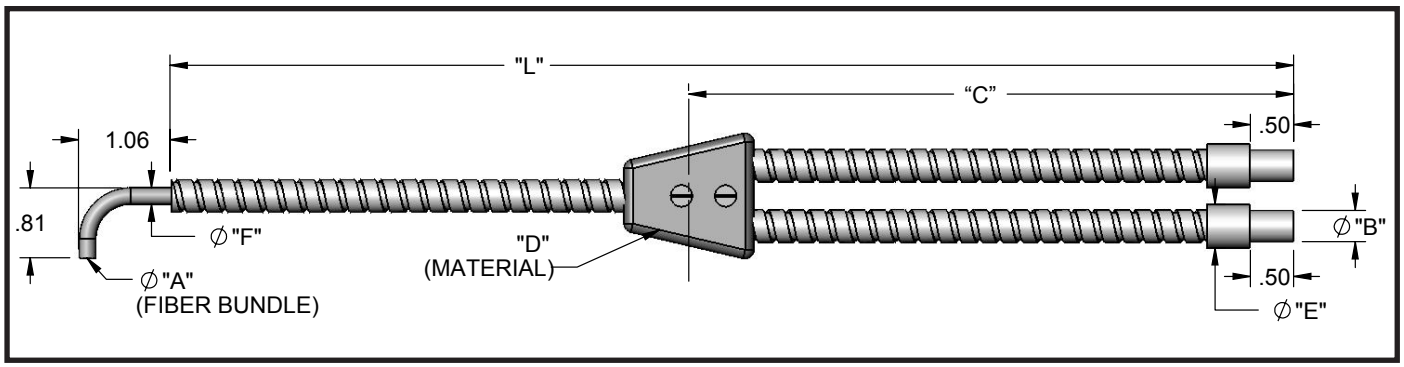
BXL- Standard End Ferrule, Stainless Steal Sheathing, Rated for -40°F to 500°F

Model	Part #	A	C	D	L
BXL636 BXL648 BXL672	002114206036 002114206048 002114206072	.063” (1.60 mm)	—	. 244” (6.20 mm)	36” (914.40 mm) 48” (1219.20 mm) 72” (1828.80 mm)
BXL824 BXL836 BXL848 BXL860 BXL872 BXL884 BXL896 BXL8120 BXL8144 BXL8240	002114208024 002114208036 002114208048 002114208060 002114208072 002114208084 002114208096 002114208120 002114208144 002114208240	.125” (3.18 mm)	—	.244” (6.20 mm)	24” (609.60 mm) 36” (914.40 mm) 48” (1219.20 mm) 60” (1524.00 mm) 72” (1828.80 mm) 84” (2133.60 mm) 96” (2438.40 mm) 120” (3048.01 mm) 144” (3657.61 mm) 240” (6096.01 mm)
BXL536 BXL572 BXL584	002114205036 002114205072 002114205084	.156” (3.96 mm)	—	.306” (7.77 mm)	36” (914.40 mm) 72” (1828.80 mm) 84” (2133.60 mm)



EL - Standard End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 221°F

Model	Part #	A	B	C	D	E	F	L
EL624 EL636 EL648 EL660 EL672	002122206024 002122206036 002122206048 002122206060 002122206072	.0625 (1.59 mm)	.187 (4.75 mm)	7.00 (17.78mm)	PVC Heatshrink	.207 (5.26 mm)	.187 (4.75 mm)	24” (609.60 mm) 36” (914.40 mm) 48” (1219.2 mm) 60” (1524.0 mm) 72” (1828.80 mm)
EL824 EL836 EL848 EL860 EL872	002122208024 002122208036 002122208048 002122208060 002122208072	.125 (3.18 mm)	.187 (4.75 mm)	7.00 (17.78mm)	PVC Heatshrink	.250 (6.35 mm)	.187 (4.75 mm)	24” (609.60 mm) 36” (914.40 mm) 48” (1219.2 mm) 60” (1524.0 mm) 72” (1828.80 mm)

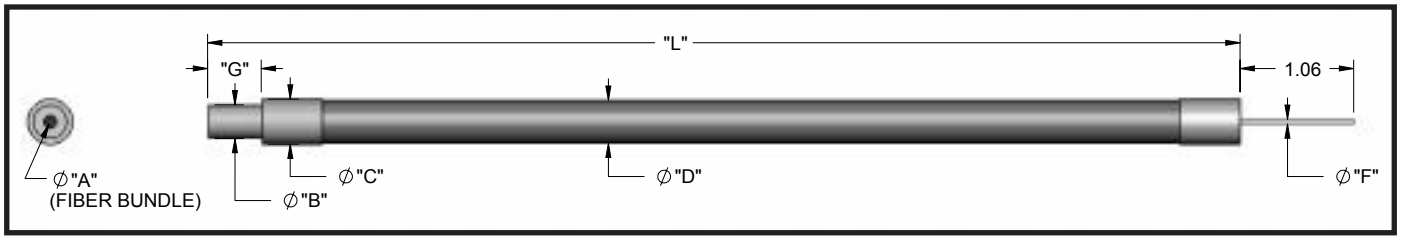


EXL - Standard End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 221°F

Model	Part #	A	B	C	D	E	F	L
EXL624 EXL636 EXL660 EXL672	002124206024 002124206036 002124206060 002124206072	.0625 (1.59 mm)	.187 (4.75 mm)	7.00 (17.78mm)	Metal	-	.187 (4.75 mm)	24” (609.60 mm) 36” (914.40 mm) 60” (1524.0 mm) 72” (1828.80 mm)
EXL824 EXL836 EXL848 EXL860 EXL872	002124208024 002124208036 002124208048 002124208060 002124208072	.125 (3.18 mm)	.187 (4.75 mm)	7.00 (17.78mm)	Metal	-	.187 (4.75 mm)	24” (609.60 mm) 36” (914.40 mm) 48” (1219.2 mm) 60” (1524.0 mm) 72” (1828.80 mm)

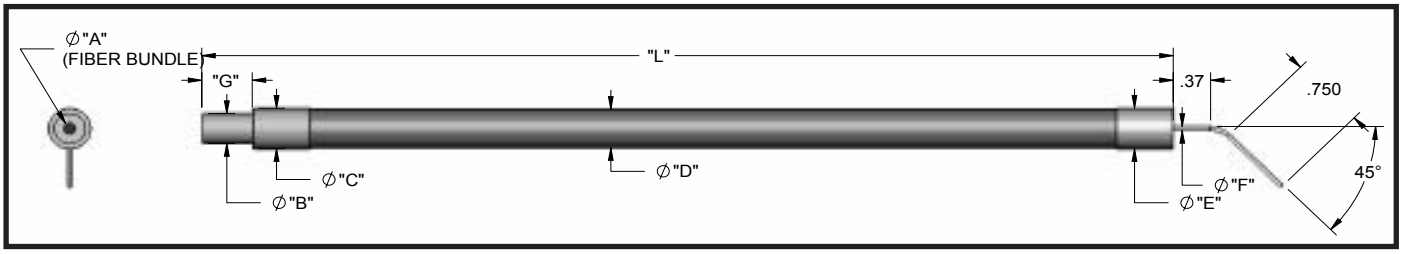
Dolan-Jenner industries

BY & EY Series Light Guides



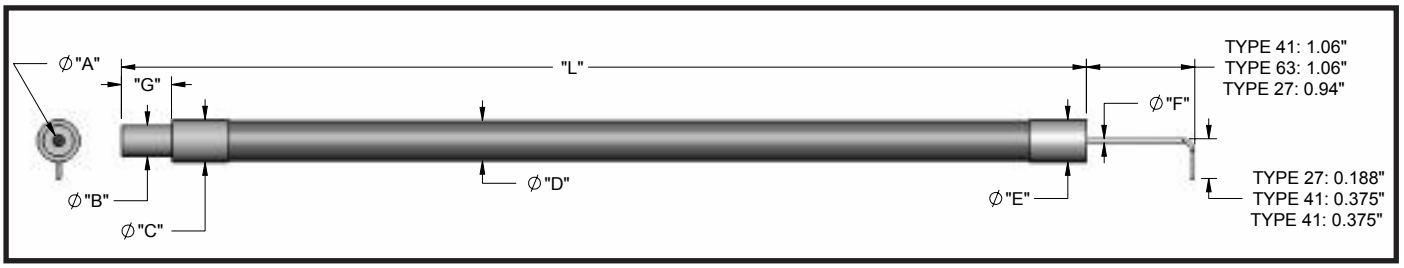
BY - Small Dia. Hypo-Tubing End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 225°F

Model	Part #	A	B	C	D	E	F	G	L
BY2724 BY2724M BY2748	002112233024 002112530024 002112233048	.032" (.81 mm)	.187" (4.75 mm) .588" (15 mm) .187" (4.75 mm)	.205" (5.2 mm) .615" (15.6 mm) .205" (5.2 mm)	.190" (4.8 mm)	.205" (5.2 mm)	.043" (1.09 mm)	.50" (12.7 mm) .833" (21 mm) .50" (12.7 mm)	24" (609.6 mm) 24" (609.6 mm) 48" (1219.2 mm)
BY4136 BY4172	002112293036 002112293072	.041" (1.04 mm)	.187" (4.75 mm)	.205" (5.2 mm)	.190" (4.8 mm)	.205" (5.2 mm)	.059" (1.5 mm)	.50" (12.7 mm)	36" (914.4 mm) 72" (1828.8 mm)
BY6336 BY6348 BY6372	002112213036 002112213048 002112213072	.063" (1.6 mm)	.187" (4.75 mm)	.205" (5.2 mm)	.190" (4.8 mm)	.205" (5.2 mm)	.083" (2.1 mm)	.50" (12.7 mm)	36" (914.4 mm) 48" (1219.2 mm) 72" (1828.8 mm)



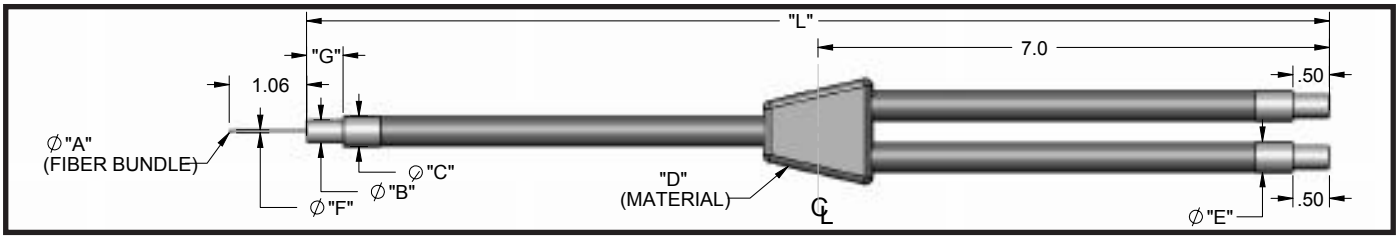
BMY - 45° Bend Hypo-Tubing End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 225°F

Model	Part #	A	B	C	D	E	F	G	L
BMY2736	002112231036	.063" (1.60 mm)	.187" (4.75 mm)	.205" (5.2 mm)	.190" (4.8 mm)	.205" (5.2 mm)	.043" (1.09 mm)	.50" (12.7 mm)	36" (914.4 mm)
BMY4136	002112291036	.125" (3.18 mm)	.187" (4.75 mm)	.205" (5.2 mm)	.190" (4.8 mm)	.205" (5.2 mm)	.059" (1.5 mm)	.50" (12.7 mm)	36" (914.4 mm)
BMY6336 BMY6372	002112211036 002112211072	.156" (3.96 mm)	.187" (4.75 mm)	.205" (5.2 mm)	.190" (4.8 mm)	.205" (5.2 mm)	.083" (2.1 mm)	.50" (12.7 mm)	36" (914.4 mm) 72" (1828.8 mm)



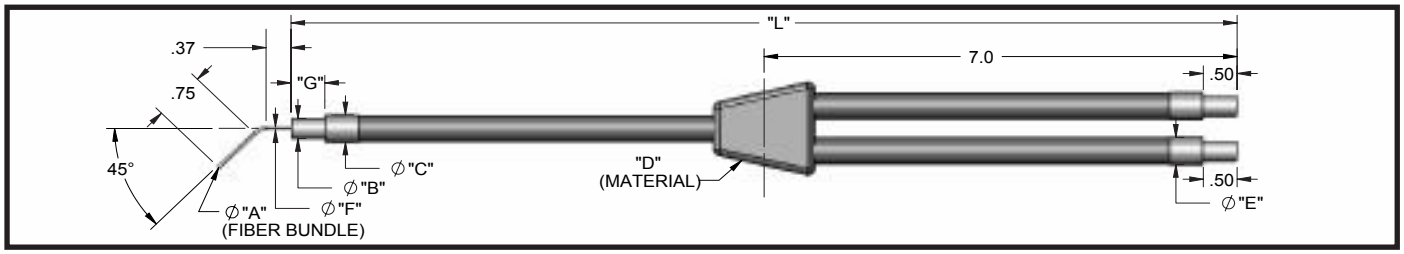
BLY - 90° Bend Hypo-Tubing End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 225°F

Model	Part #	A	B	C	D	E	F	G	L
BLY2724 BLY2748	002112232024 002112232048	.063" (1.60 mm)	.187" (4.75 mm)	.205" (5.2 mm)	.190" (4.8 mm)	.205" (5.2 mm)	.043" (1.09 mm)	.50" (12.7 mm)	24" (609.6 mm) 48" (1219.2 mm)
BLY4124 BLY4124M BLY4148	002112292024 700012690024 002112292048	.125" (3.18 mm)	.187" (4.75 mm)	.205" (5.2 mm) .615" (15.6 mm) .205" (5.2 mm)	.190" (4.8 mm)	.205" (5.2 mm)	.059" (1.5 mm)	.50" (12.7 mm) .833" (21 mm) .50" (12.7 mm)	24" (609.6 mm) 24" (609.6 mm) 48" (1219.2 mm)
BLY6336 BLY6372	002112212036 002112212072	.156" (3.96 mm)	.187" (4.75 mm)	.205" (5.2 mm)	.190" (4.8 mm)	.205" (5.2 mm)	.083" (2.1 mm)	.50" (12.7 mm)	36" (914.4 mm) 72" (1828.8 mm)



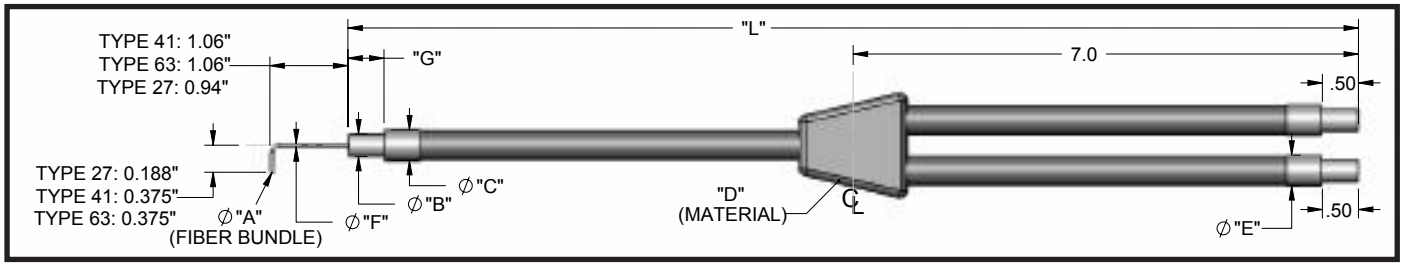
EY - Small Dia. Hypo-Tubing End Ferrule, Randomized, PVC Monocoil Sheathing, Rated for -40°F to 225°F

Model	Part #	A	B	C	D	E	F	G	L
EY2724 EY2748 EY2772	002122233024 002122233048 002122233072	.032" (.81 mm)	.187" (4.75 mm)	.205" (5.2 mm)	PVC Heat Shrink	.205" (5.2 mm)	.043" (1.09 mm)	.50" (12.7 mm)	24" (609.6 mm) 48" (1219.2 mm) 72" (1828.8 mm)
EY4136	002122283036	.041" (1.04 mm)	.187" (4.75 mm)	.205" (5.2 mm)	PVC Heat Shrink	.205" (5.2 mm)	.059" (1.5 mm)	.50" (12.7 mm)	36" (914.4 mm)
EY6324 EY6336 EY6372	002122213024 002122213036 002122213072	.063" (1.6 mm)	.187" (4.75 mm)	.205" (5.2 mm)	PVC Heat Shrink	.205" (5.2 mm)	.083" (2.1 mm)	.50" (12.7 mm)	24" (609.6 mm) 36" (914.4 mm) 72" (1828.8 mm)



EMY - 45° Bend Hypo-Tubing End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 225°F

Model	Part #	A	B	C	D	E	F	G	L
EMY2736 EMY2772	002122232036 002122232072	.063" (1.60 mm)	.187" (4.75 mm)	.205" (5.2 mm)	PVC Heat Shrink	.205" (5.2 mm)	.043" (1.09 mm)	.50" (12.7 mm)	36" (914.4 mm) 72" (1828.8 mm)
EMY4136	002122281036	.125" (3.18 mm)	.187" (4.75 mm)	.205" (5.2 mm)	PVC Heat Shrink	.205" (5.2 mm)	.059" (1.5 mm)	.50" (12.7 mm)	36" (914.4 mm)
EMY6336	002122211036	.156" (3.96 mm)	.187" (4.75 mm)	.205" (5.2 mm)	PVC Heat Shrink	.205" (5.2 mm)	.083" (2.1 mm)	.50" (12.7 mm)	36" (914.4 mm)



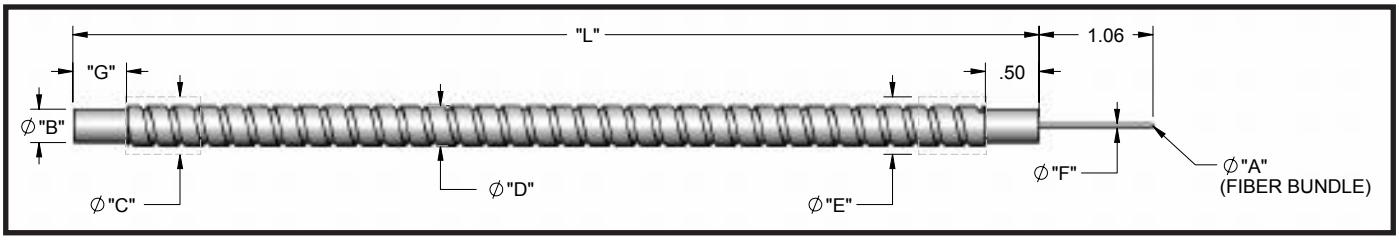
ELY - 90° Bend Hypo-Tubing End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 225°F

Model	Part #	A	B	C	D	E	F	G	L
ELY2724 ELY2736	002122231024 002122231036	.063" (1.60 mm)	.187" (4.75 mm)	.205" (5.2 mm)	PVC Heat Shrink	.205" (5.2 mm)	.043" (1.09 mm)	.50" (12.7 mm)	24" (609.6 mm) 36" (914.4 mm)
ELY4124 ELY4136	002122282024 002122282048	.125" (3.18 mm)	.187" (4.75 mm)	.205" (5.2 mm)	PVC Heat Shrink	.205" (5.2 mm)	.059" (1.5 mm)	.50" (12.7 mm)	24" (609.6 mm) 36" (914.4 mm)
ELY6324 ELY6336 ELY6348	002122212024 002122212036 002122212048	.156" (3.96 mm)	.187" (4.75 mm)	.205" (5.2 mm)	PVC Heat Shrink	.205" (5.2 mm)	.083" (2.1 mm)	.50" (12.7 mm)	24" (609.6 mm) 36" (914.4 mm) 48" (1219.2 mm)

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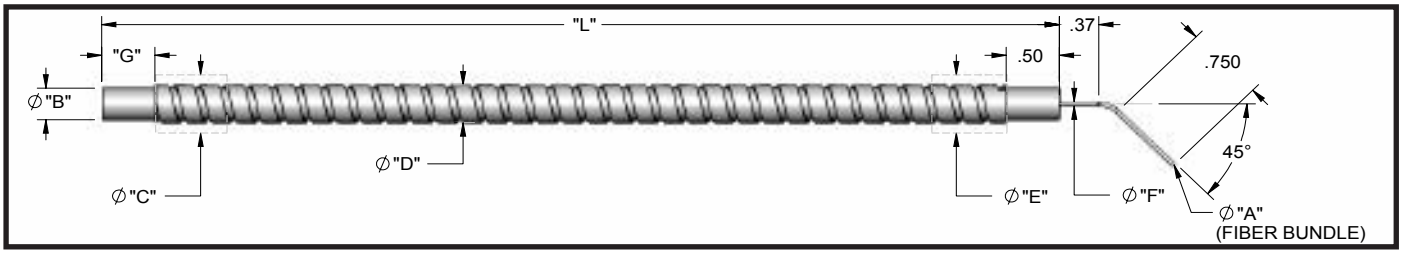
Dolan-Jenner industries

BXY & EXY Series Light Guides



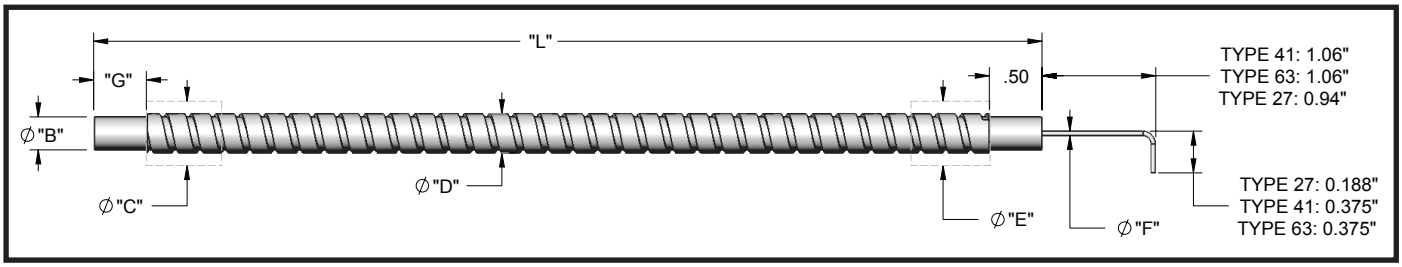
BXY - Small Dia. Hypo-Tubing End Ferrule, Stainless Steel Sheathing, Rated for -40°F to 500°F

Model	Part #	A	B	C	D	E	F	G	L
BXY2724 BXY2748	SK83890024 SK83890048	.032" (.81 mm)	.187" (4.75 mm)	—	.205" (5.2 mm)	—	.043" (1.09 mm)	.50" (12.7 mm)	24" (609.6 mm) 48" (1219.2 mm)
BXY4126 BXY4136	002114314026 002114314036	.041" (1.04 mm)	.187" (4.75 mm)	—	.205" (5.2 mm)	—	.059" (1.5 mm)	.50" (12.7 mm)	26" (660 mm) 36" (914.4 mm)
BY6336 BY6372	002114323036 002114323072	.063" (1.6 mm)	.187" (4.75 mm)	—	.205" (5.2 mm)	—	.083" (2.1 mm)	.50" (12.7 mm)	36" (914.4 mm) 72" (1828.8 mm)



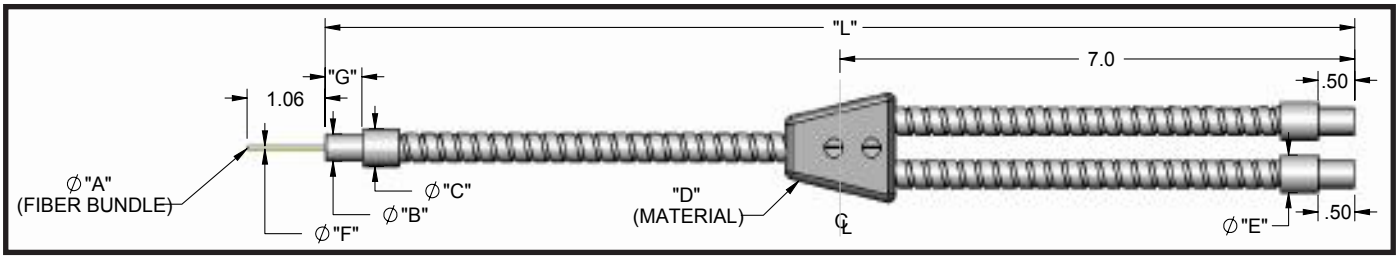
BXMY - 45° Bend Hypo-Tubing End Ferrule, Stainless Steel Sheathing, Rated for -40°F to 500°F

Model	Part #	A	B	C	D	E	F	G	L
BXMY2724 BXMY2736	002114170024 002114170036	.032" (.81 mm)	.187" (4.75 mm)	—	.205" (5.2 mm)	—	.043" (1.09 mm)	.50" (12.7 mm)	24" (609.6 mm) 36" (914.4 mm)
BMY4136	002114311036	.041" (1.04 mm)	.187" (4.75 mm)	—	.205" (5.2 mm)	—	.059" (1.5 mm)	.50" (12.7 mm)	36" (914.4 mm)



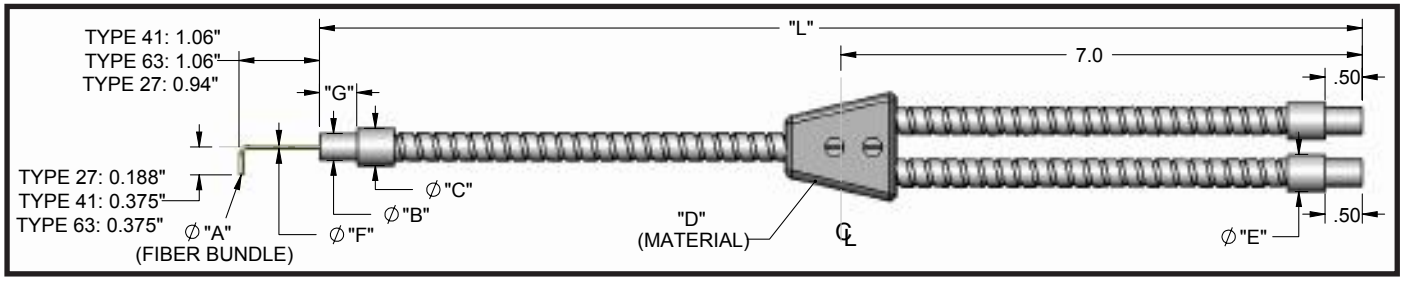
BXLY - 90° Bend Hypo-Tubing End Ferrule, Stainless Steel Sheathing, Rated for -40°F to 500°F

Model	Part #	A	B	C	D	E	F	G	L
BXLY2724 BXLY2736 BXLY2748 BXLY2772	SK99080024 SK99080036 SK99080048 SK99080072	.032" (.81 mm)	.187" (4.75 mm)	—	.205" (5.2 mm)	—	.043" (1.09 mm)	.50" (12.7 mm)	24" (609.6 mm) 36" (914.4 mm) 48" (1219.2 mm) 72" (1828.8 mm)
BXLY4136 BXLY4172	002114312036 002114312072	.041" (1.04 mm)	.187" (4.75 mm)	—	.205" (5.2 mm)	—	.059" (1.5 mm)	.50" (12.7 mm)	36" (914.4 mm) 72" (1828.8 mm)
BXLY6336 BXLY6372	002114322036 002114322072	.063" (1.6 mm)	.187" (4.75 mm)	—	.205" (5.2 mm)	—	.083" (2.1 mm)	.50" (12.7 mm)	36" (914.4 mm) 72" (1828.8 mm)



EXY - Small Dia. Hypo-Tubing End Ferrule, Randomized, Stainless Steel Sheathing, Rated for -40°F to 500°F

Model	Part #	A	B	C	D	E	F	G	L
EXY4136	SK76270036	.041" (1.04 mm)	.187" (4.75 mm)	—	Metal Transition	—	.059" (1.5 mm)	.50" (12.7 mm)	36" (914.4 mm)

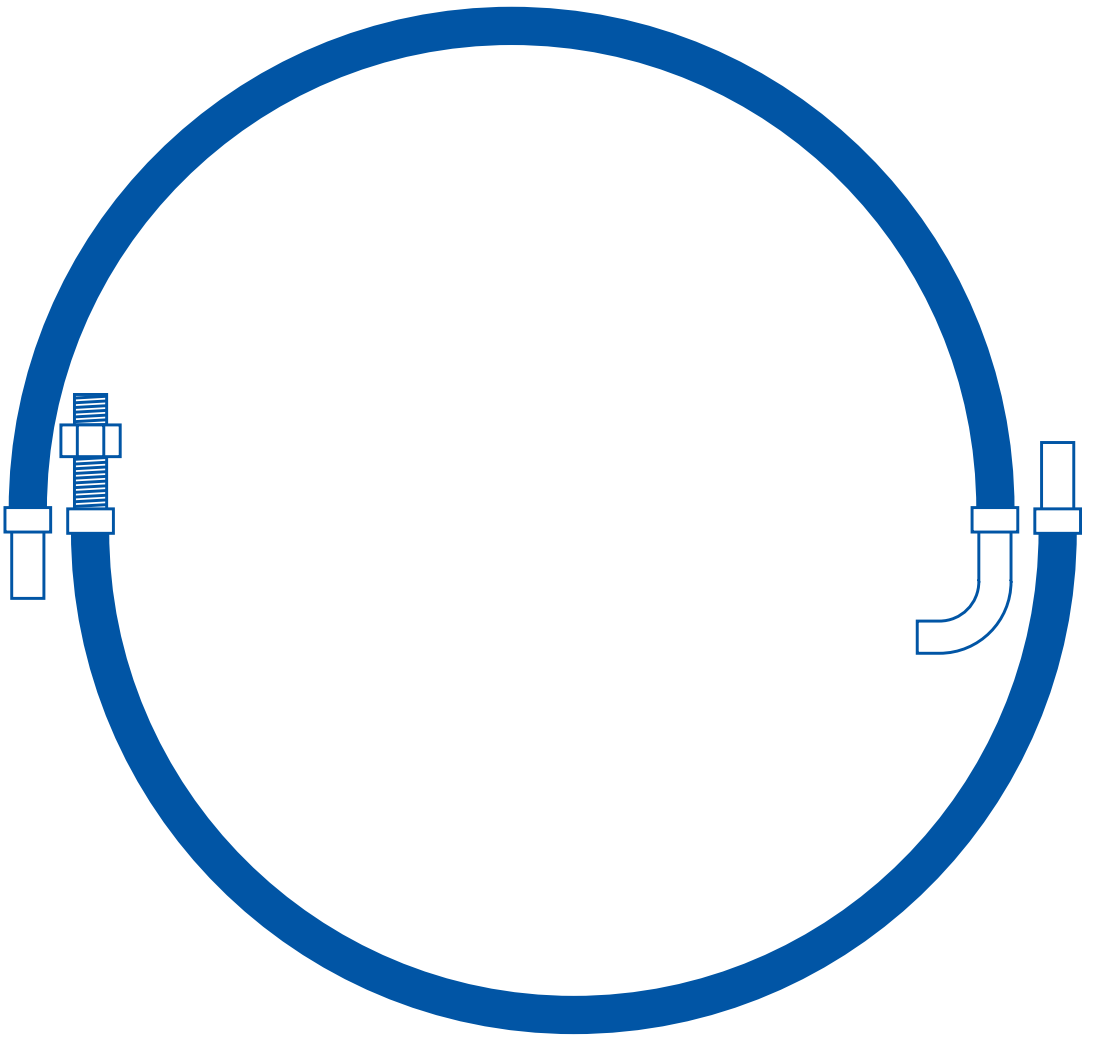


EXLY - 90° Bend Hypo-Tubing End Ferrule, Stainless Steel Sheathing, Rated for -40°F to 500°F

Model	Part #	A	B	C	D	E	F	G	L
EXLY2724 EXLY2736	SK68152724 SK68152736	.032" (.81 mm)	.187" (4.75 mm)	—	Metal Transition	—	.043" (1.09 mm)	.50" (12.7 mm)	24" (609.6 mm) 36" (914.4 mm)
EXLY6372	002124052072	.063" (1.6 mm)	.187" (4.75 mm)	—	Metal Transition	—	.083" (2.1 mm)	.50" (12.7 mm)	72" (1828.8 mm)

Section: VI

QUARTZ FIBER OPTIC LIGHT GUIDES



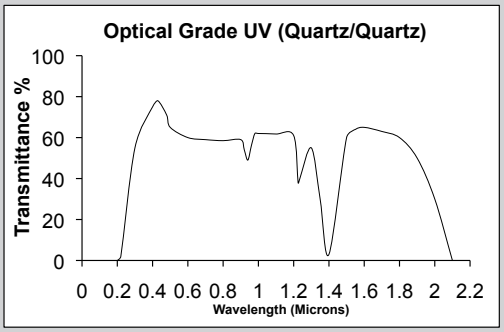
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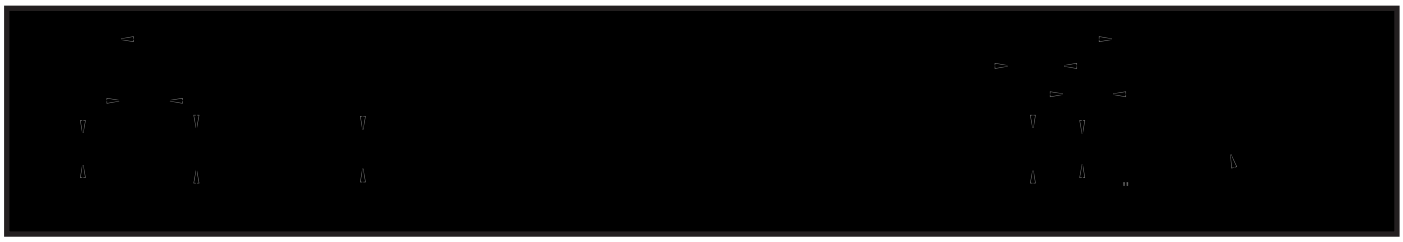
Q Type Quartz Light Guides

Optical Grade UV - Silica core/Silica clad

Spectral Curve



Specifications	
Individual Fiber Diameter	0.004" (0.10 mm)
Acceptance Cone	25.0°
Numerical Aperture	.22
Fiber Material	Core: Fused Silica Cladding: Fused Silica
Temperature capabilities	-40°F to 2000°F (-40°C to 1093°C)
Spectral Transmittance	220nm-2100nm (.20-2.1 microns)
Minimum Bend Radius	1 ½" for 1/8" and 1/16" bundle diameter / 3" for ¼" bundle dia.
Maximum Breakage	10%



BXQ - Standard End Ferrule, Stainless Steal Sheathing, Rated for -40°F to 500°F

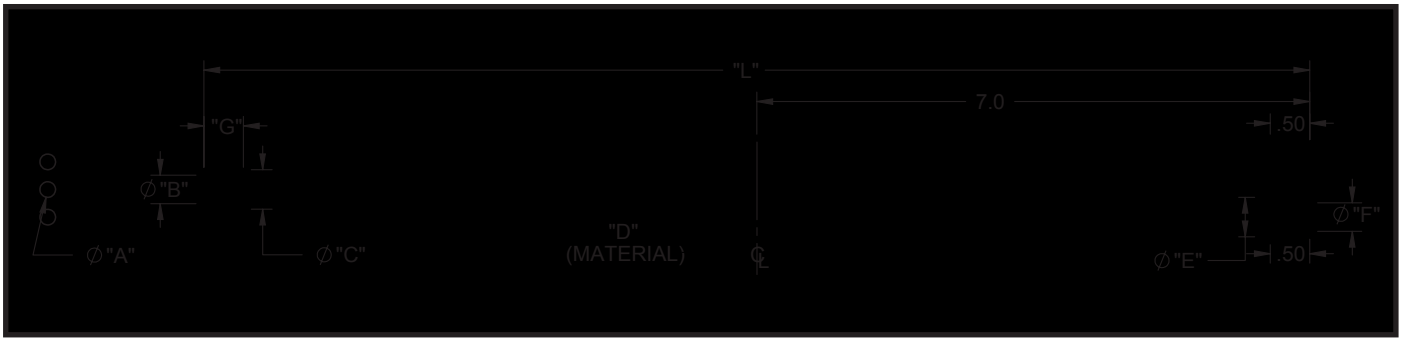
Model	Part #	A	B	C	D	E	F	G	L
BXQ636	002012036036	.062" (1.59mm)	.187" (4.75mm)	.281" (7.13mm)	.203" (5.16mm)	.281" (7.13mm)	.187" (4.75mm)	.50" (12.7mm)	36" (914.40 mm)
BXQ824	002012038024	.125" (3.18mm)	.187" (4.75mm)	.422" (10.7mm)	.345" (8.76mm)	.422" (10.7mm)	.187" (4.75mm)	.50" (12.7mm)	24" (609.6 mm)
BXQ836	002012038036								36" (914.40 mm)
BXQ860	002012038060								60" (1524.0 mm)
BXQ872	002012038072								72" (1828.8 mm)

BXQH - Standard End Ferrule, Stainless Steal Sheathing, Rated for -40°F to 800°F

Model	Part #	A	B	C	D	E	F	G	L
BXQH624	002012046024	.062" (1.59mm)	.187" (4.75mm)	.281" (7.13mm)	.203" (5.16mm)	.281" (7.13mm)	.187" (4.75mm)	.50" (12.7mm)	24" (609.6 mm)
BXQH824	002012048024	.125" (3.18mm)	.187" (4.75mm)	.422" (10.7mm)	.345" (8.76mm)	.422" (10.7mm)	.187" (4.75mm)	.50" (12.7mm)	24" (609.6 mm)

BXQS - Standard End Ferrule, Stainless Steal Sheathing, Rated for -40°F to 2000°F

Model	Part #	A	B	C	D	E	F	G	L
BXQS636	002012056036	.062" (1.59mm)	.187" (4.75mm)	.205" (5.2mm)	.190" (4.8mm)	.205" (5.2mm)	.187" (4.75mm)	.50" (12.7mm)	36" (914.40 mm)
BXQS854	002012058054	.125" (3.18mm)	.187" (4.75mm)	.312" (7.92mm)	.268" (6.81mm)	.312" (7.92mm)	.187" (4.75mm)	.50" (12.7mm)	54" (1371 mm)
BXQS860	002012058060								60" (1524.0 mm)
BXQS872	002012058072								72" (1828.8 mm)
BXQS884	002012058084								84" (2133.6 mm)
BXQS896	002012058096								96" (2438.4 mm)
BXQS424	002012054024	.250" (6.35mm)	.312" (7.92mm)	.656" (16.65mm)	.560" (14.22mm)	.656" (16.65mm)	.312" (7.92mm)	.50" (12.7mm)	24" (609.60 mm)
BXQS436	002012054036								36" (914.40 mm)



EXQ- Standard End Ferrule, Stainless Steal Sheathing, Rated for -40°F to 500°F (at end ferrules)

Model	Part #	A	B	C	D	E	F	G	L
EXQ636 EXQ696	002024066036 002024066036	.062” (1.59mm)	.187” (4.75mm)	.281 (7.13mm)	PVC Heat Shrink	.281 (7.13mm)	.187” (4.75mm)	.50” (12.7mm)	36” (914.40 mm) 96” (2438.4 mm)
EXQ836 EXQ860 EXQ872 EXQ884 EXQ896 EXQ8108 EXQ8132	002024068036 002024068060 002024068072 002024068084 002024068096 002024068108 002024068132	.125” (3.18mm)	.187” (4.75mm)	.422” (10.7mm)	PVC Heat Shrink	.422” (10.7mm)	.187” (4.75mm)	.50” (12.7mm)	36” (914.40 mm) 60” (1524.0 mm) 72” (1828.8 mm) 84” (2133.6 mm) 96” (2438.4 mm) 108” (2743 mm) 132” (3352 mm)

EXQH- Standard End Ferrule, Stainless Steal Sheathing, Rated for -40°F to 800°F (at end ferrules)

Model	Part #	A	B	C	D	E	F	G	L
EXQH8108	002024078108	.125” (3.18mm)	.187” (4.75mm)	.422” (10.7mm)	PVC Heat Shrink	.422” (10.7mm)	.187” (4.75mm)	.50” (12.7mm)	108” (2743 mm)

EXQS- Standard End Ferrule, Stainless Steal Sheathing, Rated for -40°F to 2000°F (at end ferrules)

Model	Part #	A	B	C	D	E	F	G	L
EXQS424	002024084024	.250” (6.35mm)	.312” (7.9mm)	.656” (16.65mm)	PVC Heat Shrink	.656” (16.65mm)	.312” (7.9mm)	.50” (12.7mm)	108” (2743 mm)

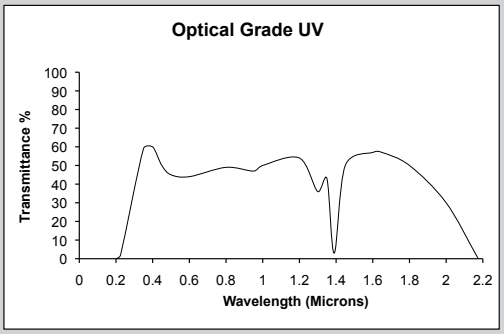
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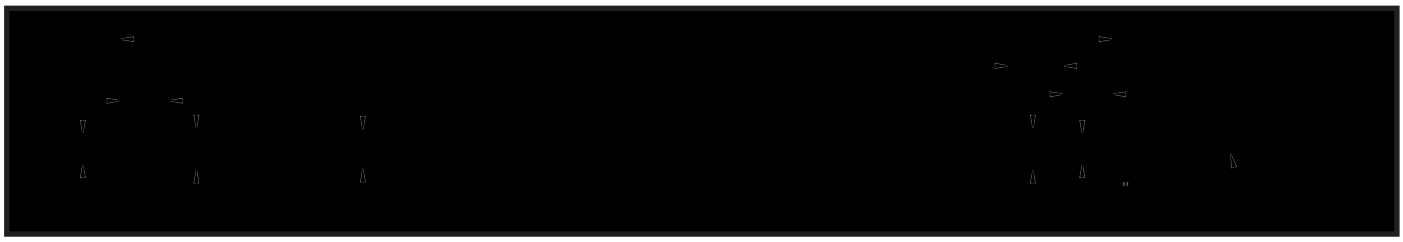
UV Type Quartz Light Guides

Optical Grade UV - Silica core/PCS clad

Spectral Curve

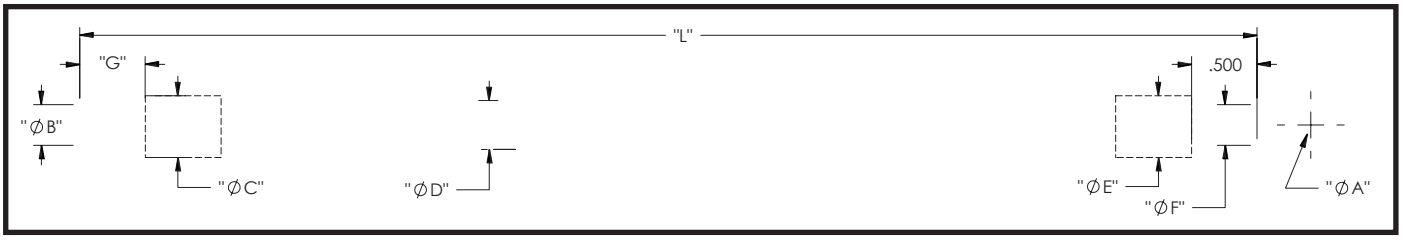


Specifications	
Individual Fiber Diameter	0.010" (0.25 mm)
Acceptance Cone	35.0°
Numerical Aperture	.30
Fiber Material	Core: Fused Silica Cladding: Siloxane Polymer
Temperature capabilities	-40°F to 372°F (-40°C to 175°C)
Spectral Transmittance	220nm-2200nm (.22-2.2 microns)
Minimum Bend Radius	1 ½" for 1/8" and 1/16" bundle diameter / 3" for ¼" bundle dia.
Maximum Breakage	10%



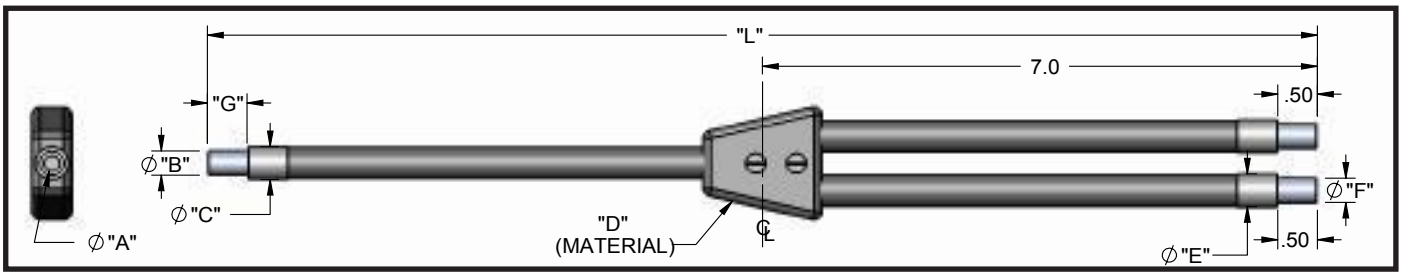
BUV - Standard End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 221°F

Model	Part #	A	B	C	D	E	F	G	L
BUV612	002012016012	.062" (1.59mm)	.187" (4.75mm)	.205" (5.2mm)	.190" (4.8mm)	.205" (5.2mm)	.187" (4.75mm)	.50" (12.7mm)	12" (304.80 mm)
BUV624	002012016024								24" (609.60 mm)
BUV636	002012016036								36" (914.40 mm)
BUV648	002012016048								48" (1219.2 mm)
BUV660	002012016060								60" (1524.0 mm)
BUV672	002012016072								72" (1828.8 mm)
BUV696	002012016096								96" (2438.4 mm)
BUV806	002012018006	.125" (3.18mm)	.187" (4.75mm)	.312" (7.92mm)	.268" (6.81mm)	.312" (7.92mm)	.187" (4.75mm)	.50" (12.7mm)	06" (152.4 mm)
BUV809	002012018009								09" (228.6 mm)
BUV810	002012018010								10" (254.0 mm)
BUV812	002012018012								12" (304.8 mm)
BUV824	002012018024								24" (609.6 mm)
BUV836	002012018036								36" (914.40 mm)
BUV848	002012018048								48" (1219.2 mm)
BUV860	002012018060								60" (1524.0 mm)
BUV872	002012018072								72" (1828.8 mm)
BUV874	002012018074								74" (1879.6 mm)
BUV884	002012018084								84" (2133.6 mm)
BUV896	002012018096								96" (2438.4 mm)
BUV412	002012014012	.250" (6.35mm)	.312" (7.92mm)	.468" (11.9mm)	.430" (10.9mm)	.468" (11.9mm)	.312" (7.92mm)	.50" (12.7mm)	12" (304.8 mm)
BUV416	002012014016								16" (406.4 mm)
BUV424	002012014024								24" (609.60 mm)
BUV436	002012014036								36" (914.40 mm)
BUV460	002012014060								60" (1524.0 mm)
BUV472	002012014072								72" (1828.8 mm)



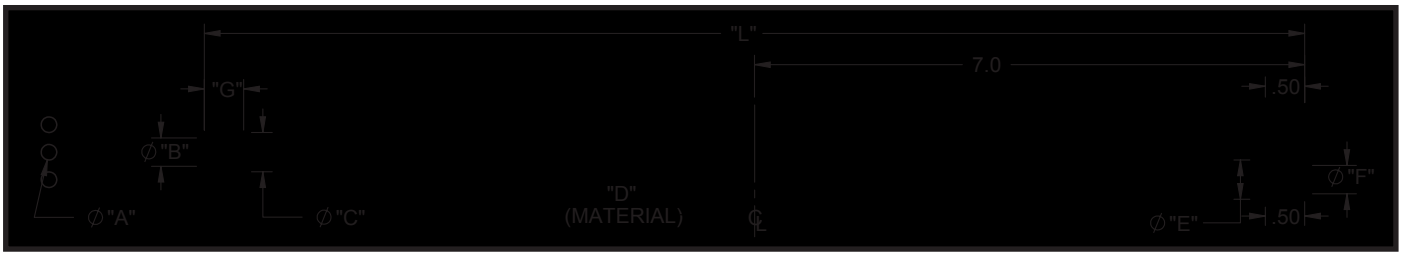
BXUV - Standard End Ferrule, Stainless Steal Sheathing, Rated for -40°F to 347°F

Model	Part #	A	B	C	D	E	F	G	L
BXUV624 BXUV636	002014016024 002014016036	.062" (1.59mm)	.187" (4.75mm)	.286" (7.23mm)	.203" (5.15 mm)	.286" (7.23mm)	.187" (4.75mm)	.50" (12.7mm)	24" (609.60 mm) 36" (914.40 mm)
BXUV824 BXUV836 BXUV860	002014018024 002014018036 002014018060	.125 (3.18mm)	.187" (4.75mm)	.375" (9.52mm)	.345" (8.76mm)	.375" (9.52mm)	.187" (4.75mm)	.50" (12.7mm)	24" (609.60 mm) 36" (914.40 mm) 60" (1524.0 mm)
BXUV424 BXUV436 BXUV460	002014014024 002014014036 002014014060	.250" (6.35mm)	.312" (7.92mm)	.615" (15.6mm)	.560" (14.22mm)	.615" (15.6mm)	.312" (7.92mm)	.50" (12.7mm)	24" (609.60 mm) 36" (914.40 mm) 60" (1524.0 mm)



EUV- Standard End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 221°F

Model	Part #	A	B	C	D	E	F	G	L
EUV624 EUV636	002022046024 002022046036	.062" (1.59mm)	.187" (4.75mm)	.253" (6.42mm)	PVC Heat Shrink	.205" (5.2mm)	.187" (4.75mm)	.50" (12.7mm)	24" (609.60 mm) 36" (914.40 mm)
EUV824 EUV836	002022048024 002022048036	.125" (3.18mm)	.187" (4.75mm)	.312" (7.92mm)	PVC Heat Shrink	.253" (6.42mm)	.187" (4.75mm)	.50" (12.7mm)	24" (609.60 mm) 36" (914.40 mm)
EUV424 EUV436 EUV460	002022044024 002022044036 002022044060	.250" (6.35mm)	.312" (7.92mm)	.468" (11.9mm)	PVC Heat Shrink	.422" (10.7mm)	.312" (7.92mm)	.50" (12.7mm)	24" (609.60 mm) 36" (914.40 mm) 60" (1524.0 mm)



EXUV- Standard End Ferrule, Stainless Steal Sheathing, Rated for -40°F to 347°F

Model	Part #	A	B	C	D	E	F	G	L
EXUV824 EXUV836 EXUV872	002024018024 002024018036 002024018072	.125" (3.18mm)	.187" (4.75mm)	-	Metal Transition	-	.187" (4.75mm)	.50" (12.7mm)	24" (609.60 mm) 36" (914.40 mm) 72" (1828.8 mm)

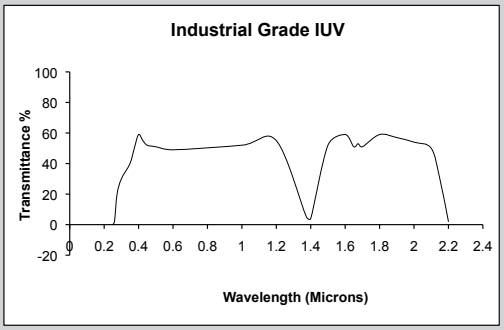
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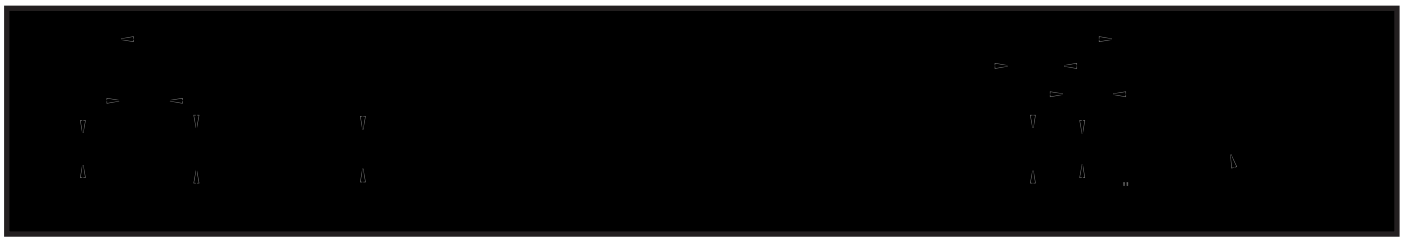
IUV Type Quartz Light Guides

Industrial Grade IUV - Silica core/PCS clad

Spectral Curve

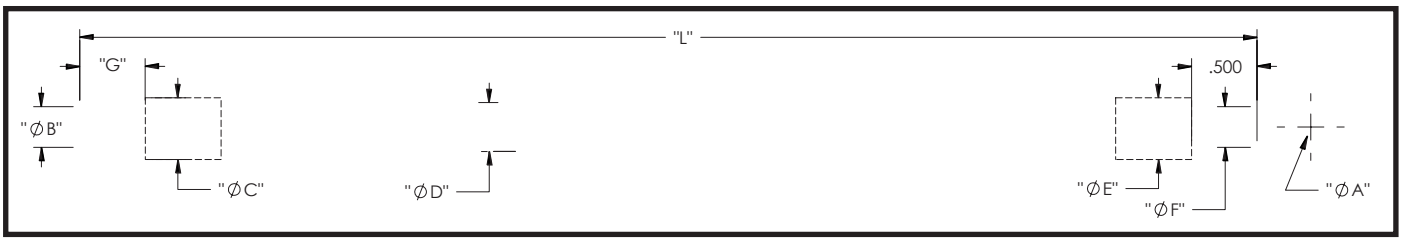


Specifications	
Individual Fiber Diameter	0.010" (0.25 mm)
Acceptance Cone	35.0°
Numerical Aperture	.30
Fiber Material	Core: Fused Silica Cladding: Siloxane Polymer
Temperature capabilities	-40°F to 372°F (-40°C to 175°C)
Spectral Transmittance	260nm-2200nm (.26-2.2 microns)
Minimum Bend Radius	1 ½" for 1/8" and 1/16" bundle diameter / 3" for ¼" bundle dia.
Maximum Breakage	10%



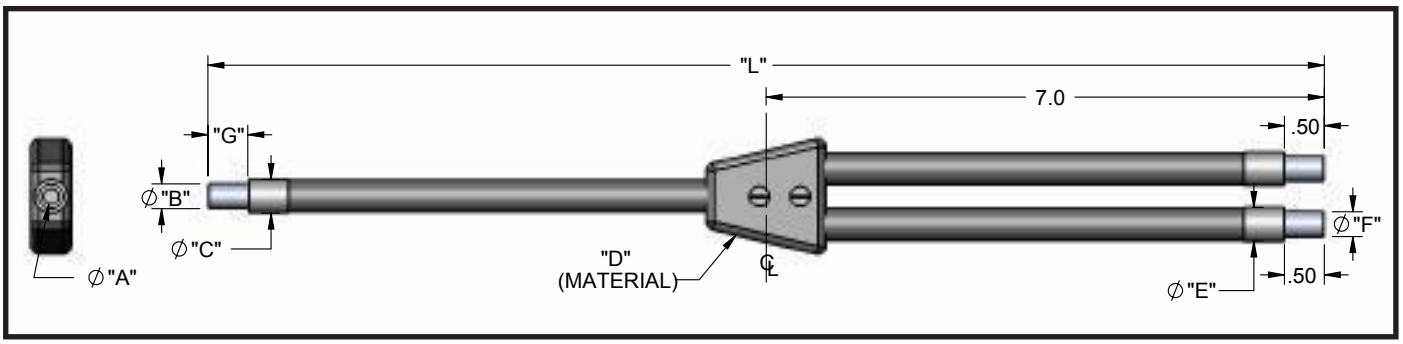
BIUV - Standard End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 221°F

Model	Part #	A	B	C	D	E	F	G	L
BIUV624 BIUV636 BIUV660	002012006024 002012006036 002012006060	.062" (1.59mm)	.187" (4.75mm)	.205" (5.2mm)	.190" (4.8mm)	.205" (5.2mm)	.187" (4.75mm)	.50" (12.7mm)	24" (609.60 mm) 36" (914.40 mm) 60" (1524.0 mm)
BIUV808 BIUV824 BIUV836 BIUV848 BIUV860 BIUV872	002012008008 002012008024 002012008036 002012008048 002012008060 002012008072	.125" (3.18mm)	.187" (4.75mm)	.312" (7.92mm)	.268" (6.81mm)	.312" (7.92mm)	.187" (4.75mm)	.50" (12.7mm)	08" (203.2 mm) 24" (609.6 mm) 36" (914.40 mm) 48" (1219.2 mm) 60" (1524.0 mm) 72" (1828.8 mm)
BIUV403 BIUV424 BIUV430 BIUV436 BIUV448 BIUV460 BIUV472 BIUV479 BIUV4120	002012004003 002012004024 002012004030 002012004036 002012004048 002012004060 002012004072 002012004079 002012004120	.250" (6.35mm)	.312" (7.92mm)	.468" (11.9mm)	.430" (10.9mm)	.468" (11.9mm)	.312" (7.92mm)	.50" (12.7mm)	03" (76.20 mm) 24" (609.60 mm) 30" (762.00 mm) 36" (914.40 mm) 48" (1219.2 mm) 60" (1524.0 mm) 72" (1828.8 mm) 79" (2006.6 mm) 120" (3048 mm)



BXIUV - Standard End Ferrule, Stainlss Steal Sheathing, Rated for -40°F to 347°F

Model	Part #	A	B	C	D	E	F	G	L
BXIUV6120	002014006120	.062" (1.59mm)	.187" (4.75mm)	.286" (7.23mm)	.203" (5.15 mm)	.286" (7.23mm)	.187" (4.75mm)	.50" (12.7mm)	24" (609.60 mm) 36" (914.40 mm)
BXIUV824 BXIUV836 BXIUV860 BXIUV884	002014008024 002014008036 002014008060 002014008084	.125 (3.18mm)	.187" (4.75mm)	.375" (9.52mm)	.345" (8.76mm)	.375" (9.52mm)	.187" (4.75mm)	.50" (12.7mm)	24" (609.60 mm) 36" (914.40 mm) 60" (1524.0 mm) 84" (2133.6 mm)
BXIUV424 BXIUV436 BXIUV448 BXIUV460	002014004036 002014004036 002014004048 002014004060	.250" (6.35mm)	.312" (7.92mm)	.615" (15.6mm)	.560" (14.22mm)	.615" (15.6mm)	.312" (7.92mm)	.50" (12.7mm)	24" (609.60 mm) 36" (914.40 mm) 48" (1219.2 mm) 60" (1524.0 mm)



EIUV- Standard End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 221°F

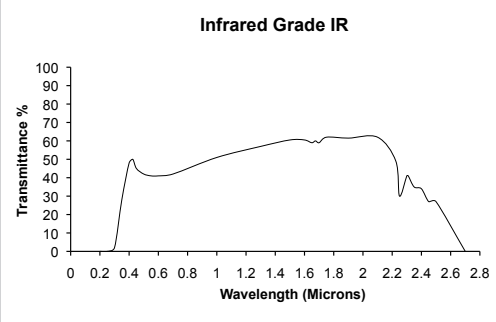
Model	Part #	A	B	C	D	E	F	G	L
EIUV624 EIUV636	002022006024 002022006036	.062" (1.59mm)	.187" (4.75mm)	.253" (6.42mm)	PVC Heat Shrink	.205" (5.2mm)	.187" (4.75mm)	.50" (12.7mm)	24" (609.60 mm) 36" (914.40 mm)
EIUV824	002022008024	.125" (3.18mm)	.187" (4.75mm)	.312" (7.92mm)	PVC Heat Shrink	.253" (6.42mm)	.187" (4.75mm)	.50" (12.7mm)	24" (609.60 mm)
EIUV424 EIUV436 EIUV448	002022004024 002022004036 002022004048	.250" (6.35mm)	.312" (7.92mm)	.468" (11.9mm)	PVC Heat Shrink	.422" (10.7mm)	.312" (7.92mm)	.50" (12.7mm)	24" (609.60 mm) 36" (914.40 mm) 48" (1219.2 mm)

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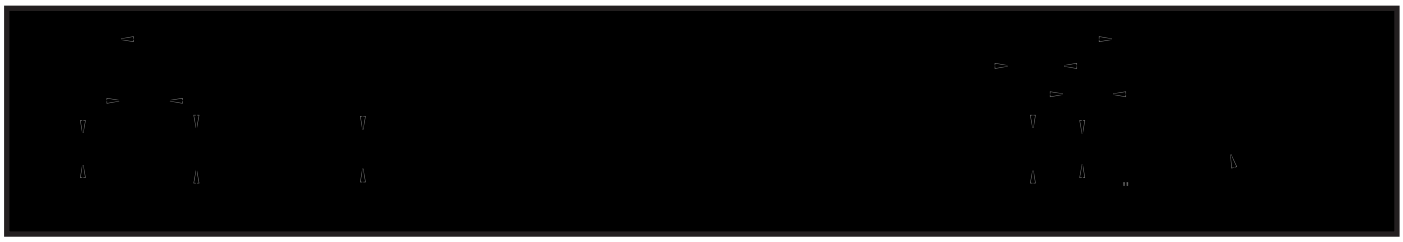
IR Type Quartz Light Guides

Extended Infrared Grade IR - Silica core/PCS clad

Spectral Curve

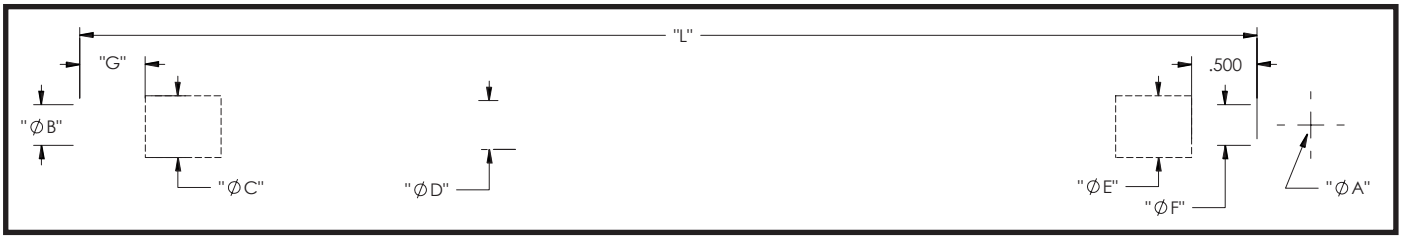


Specifications	
Individual Fiber Diameter	0.010" (0.25 mm)
Acceptance Cone	35.0°
Numerical Aperture	.30
Fiber Material	Core: Fused Silica Cladding: Siloxane Polymer
Temperature capabilities	-40°F to 372°F (-40°C to 175°C)
Spectral Transmittance	300nm-2700nm (.30-2.7 microns)
Minimum Bend Radius	1 ½" for 1/8" and 1/16" bundle diameter / 3" for ¼" bundle dia.
Maximum Breakage	10%



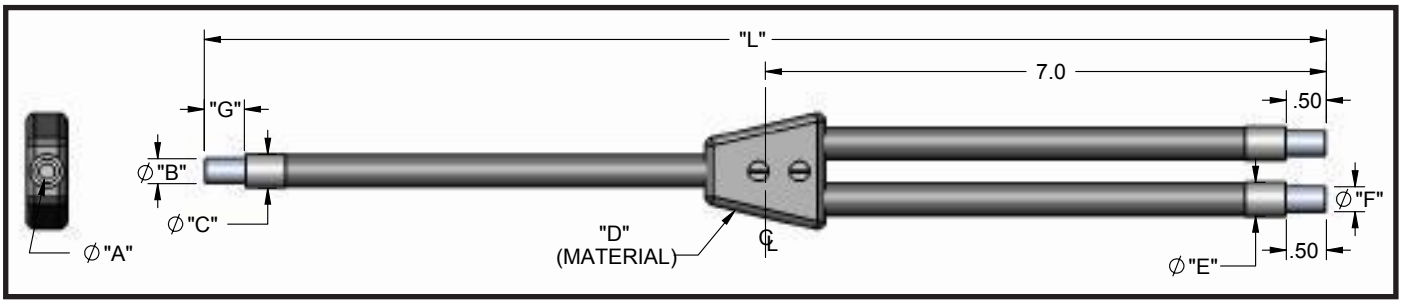
BIR - Standard End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 221°F

Model	Part #	A	B	C	D	E	F	G	L
BIR624 BIR636 BIR672	002012026024 002012026036 002012026072	.062" (1.59mm)	.187" (4.75mm)	.205" (5.2mm)	.190" (4.8mm)	.205" (5.2mm)	.187" (4.75mm)	.50" (12.7mm)	24" (609.60 mm) 36" (914.40 mm) 72" (1828.8 mm)
BIR824 BIR836 BIR848 BIR878	002012028024 002012028036 002012028048 002012028078	.125" (3.18mm)	.187" (4.75mm)	.312" (7.92mm)	.268" (6.81mm)	.312" (7.92mm)	.187" (4.75mm)	.50" (12.7mm)	24" (609.6 mm) 36" (914.40 mm) 48" (1219.2 mm) 78" (1981.2 mm)
BIR424 BIR448	002012024024 002012024048	.250" (6.35mm)	.312" (7.92mm)	.468" (11.9mm)	.430" (10.9mm)	.468" (11.9mm)	.312" (7.92mm)	.50" (12.7mm)	24" (609.60 mm) 48" (1219.2 mm)



BXIR - Standard End Ferrule, Stainlss Steal Sheathing, Rated for -40°F to 347°F

Model	Part #	A	B	C	D	E	F	G	L
BXIR624 BXIR636	002014026024 002014026036	.062" (1.59mm)	.187" (4.75mm)	.286" (7.23mm)	.203" (5.15 mm)	.286" (7.23mm)	.187" (4.75mm)	.50" (12.7mm)	24" (609.60 mm) 36" (914.40 mm)
BXIR812 BXIR824 BXIR836 BXIR848 BXIR884 BXIR8108	002014028012 002014028024 002014028036 002014028048 002014028084 002014028108	.125 (3.18mm)	.187" (4.75mm)	.375" (9.52mm)	.345" (8.76mm)	.375" (9.52mm)	.187" (4.75mm)	.50" (12.7mm)	12" (304.80 mm) 24" (609.60 mm) 36" (914.40 mm) 48" (1219.2 mm) 84" (2133.6 mm) 108" (2743.2 mm)
BXIR412 BXIR424 BXIR460	002014024012 002014024024 002014024060	.250" (6.35mm)	.312" (7.92mm)	.615" (15.6mm)	.560" (14.22mm)	.615" (15.6mm)	.312" (7.92mm)	.50" (12.7mm)	12" (304.80 mm) 24" (609.60 mm) 60" (1524.0 mm)

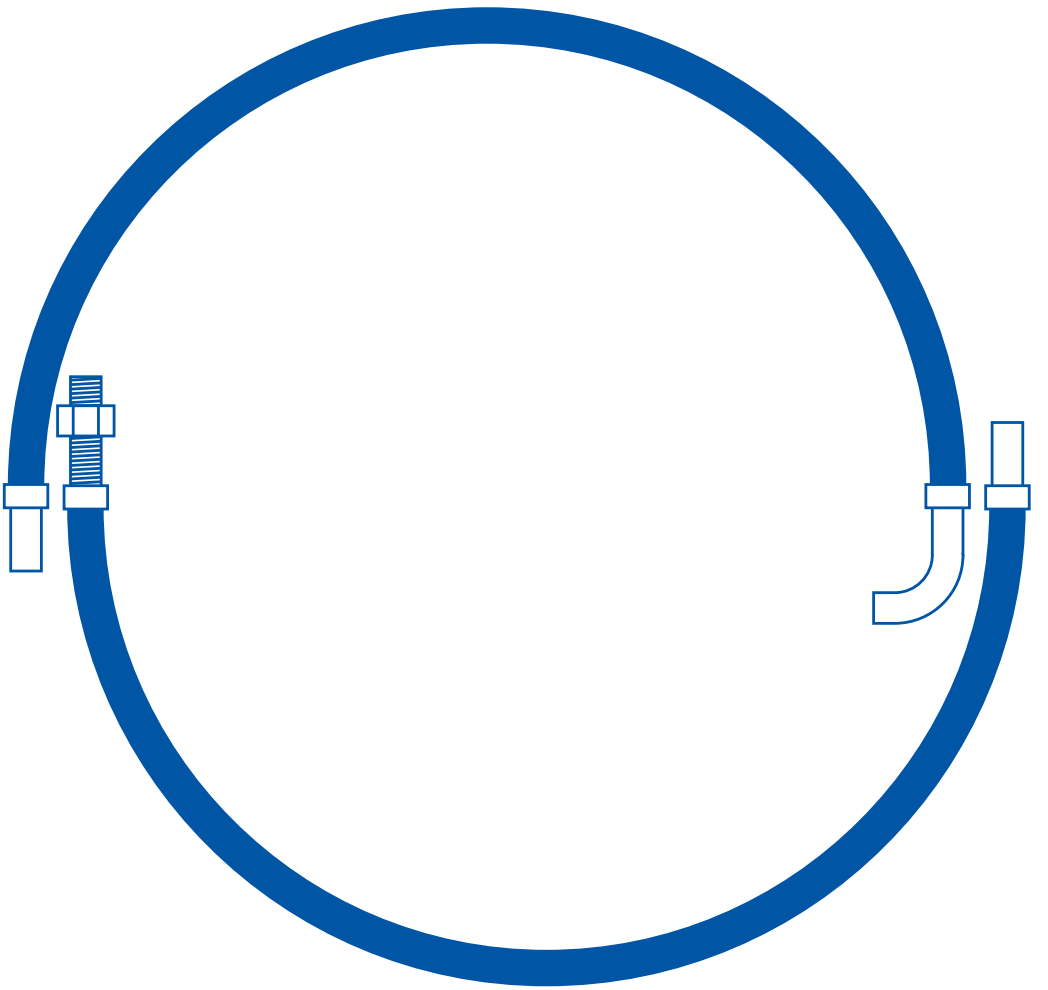


EIR- Standard End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 221°F

Model	Part #	A	B	C	D	E	F	G	L
EIR812 EIR824 EIR836	002022058012 002022058024 002022058036	.125" (3.18mm)	.187" (4.75mm)	.312" (7.92mm)	PVC Heat Shrink	.253" (6.42mm)	.187" (4.75mm)	.50" (12.7mm)	12" (304.80 mm) 24" (609.60 mm) 36" (914.40 mm)
EIR448	002022054048	.250" (6.35mm)	.312" (7.92mm)	.468" (11.9mm)	PVC Heat Shrink	.422" (10.7mm)	.312" (7.92mm)	.50" (12.7mm)	48" (1219.2 mm)

Section: VII

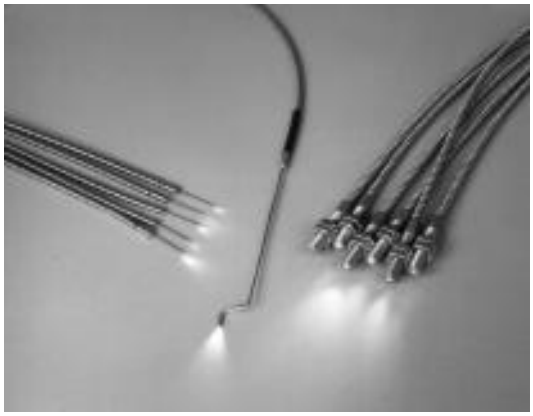
CUSTOM LIGHT GUIDES



Dolan-Jenner industries

Dolan-Jenner industries

Custom Fiber Optic Capability



If your application requires a custom designed fiber optic, Dolan-Jenner has the resources to take your project from concept to completion. Dolan-Jenner is unique in that we design, engineer and manufacture fiber optics all within a single facility.

Our experienced application engineers can assist you in designing a fiber optic that meets your specific requirements.

Our fiber drawing capabilities allow us to better serve our customers by shortening lead times due to the elimination of fiber outsourcing. This also allows us to ensure that our customers get the very best qualtity fiber.

Our assemblers have the experience and skill necessary to build even the most complex fiber optics with excellent build quality.

Dolan-Jenner Provides Custom Solutions

Key Features of Dolan Jenner Fiber Optics:

- **High Intensity:** Fiber optic light guides can provide the highest levels of intensity in an unlimited number of configurations and sizes.
- **Cold Light:** Keeps damaging lamp and infrared heat away from your samples and application area.
- **Reduced Size:** Small distal size capability and fiber flexibility allow access to confined spaces and work areas.
- **Safe Comfortable Handling:** Fiber optic light guides are always at ambient temperature allowing for safe adjustment and positioning at any time.
- **Light Output Configurations:** More than just multi-branches. Fiber optics may be constructed to provide shaped output configurations to fit many needs, such as: annular, lines, multi-aperture, segmented, multi-points, arches and co-axial.
- **Extreme Temperature Capability:** Fiber optic light guides can be configured to withstand environmental temperatures from -40 F, and up to 2000 F (1093 c).
- **Harsh Environments:** Glass and quartz fibers can tolerate most fluids and chemicals that get splashed during machining, milling, drilling, assembly, or cutting processes.
- **Custom Mechanical Packaging:** Assemblies can be integrated or custom designed to meet your dimensional and optical requirements such as fiber type, end ferrule diameter and shape, cable lengths, sheathing materials, etc.

Custom Fiber Optic Materials:

Fiber Types

Glass Fibers:	Quartz (fused silica) Fibers:	Fiber can also be purchased from an outside vendor and assembled into configurations suitable for your application.
Individual fiber diameters: .001" and .002"	Individual diameters of .004" and .010"	
Numerical Aperture of .55 and .66	Numerical Aperture of .22 and .35	
Acceptance Cone of 68 and 83 degrees	Acceptance Cone of 25 and 35 degrees	
Bundle diameters from single strand (.001) up to 3 inches	Bundle diameters from single strand (.004) up to 1 inch	
Temperature ratings: -40 F up to 1100 F	Temperature ratings: -40 F up to 2000 F	
Transmission: 400 nm – 2000 nm	Transmission: 220 nm – 2700 nm	
Cable length up to 30 feet.	Cable length up to 30 feet.	

Sheathing Materials

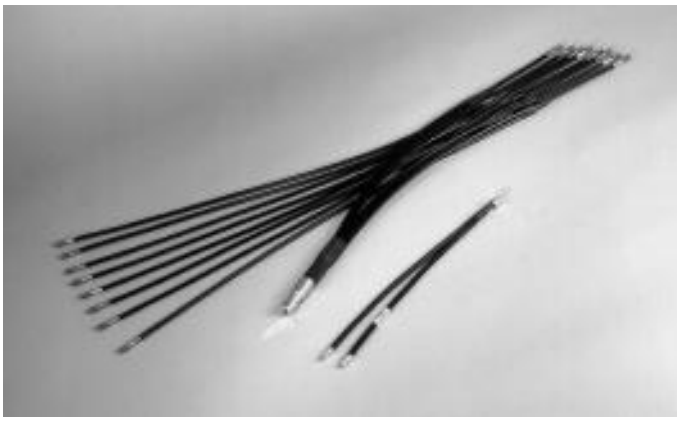
Standard Sheathing Materials:	Other Choices Include:	
PVC covered Monocoil	Silicone tubing	Welding hoses
Stainless steel interlocked hose	Silicone covered monocoil	Rigid steel tubing
PVC tubing	Nylon hose	PVC hose
Self supporting Gooseneck	Braided stainless steel	Semi-rigid interlocking hose
	Woven fiberglass	

End Ferrules/Terminations

Geometries:	Materials:
SMA /ST/FC	Stainless steel
Threaded	Brass
NPT fittings	Aluminum
Grooved	Delran
Many more...	Nylon

Special Housings

Our machining capability enables us to design custom housings for specific fiber optic applications. Housings designed to fit your required output geometry and can include a matrix of bundles, custom designed line to circle, and special annular configurations.
Standard flare housing materials and finishes are typically black anodized aluminum.





Dolan-Jenner industries

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Fax: 978.264.0292
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Section: VIII

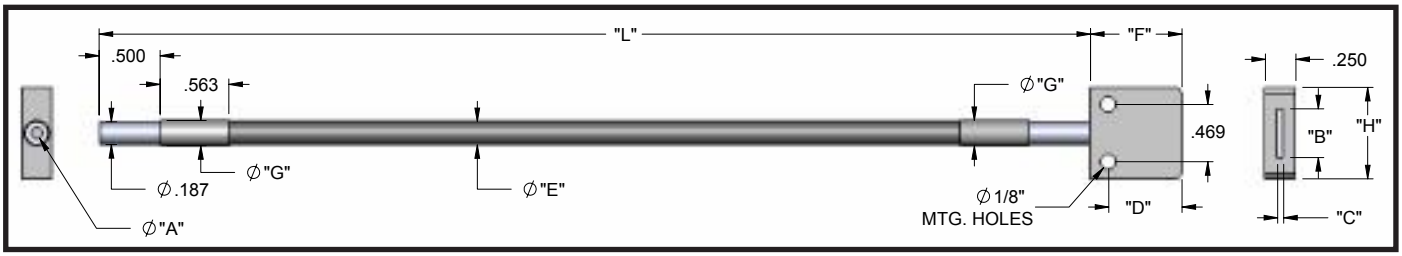
LINE LIGHTS & ACCESSORIES



Dolan-Jenner industries

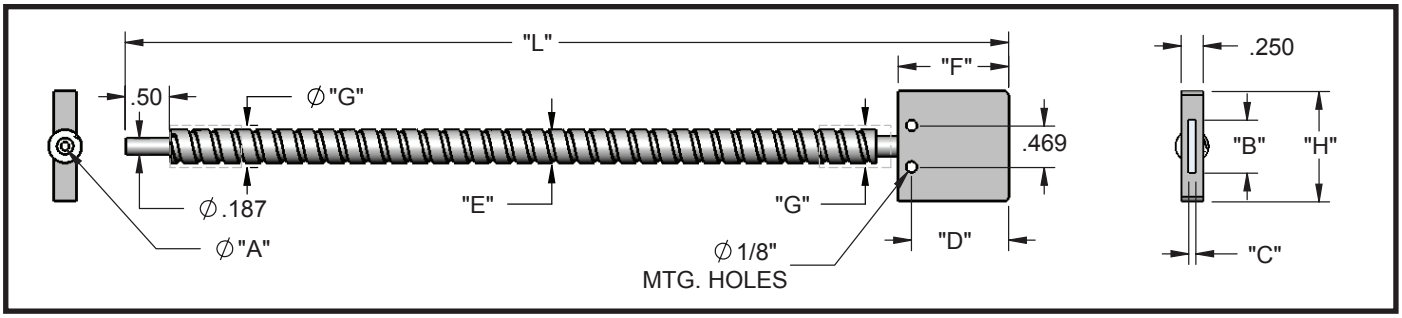
Dolan-Jenner industries

Small Line Lights, Light to Circle Guides



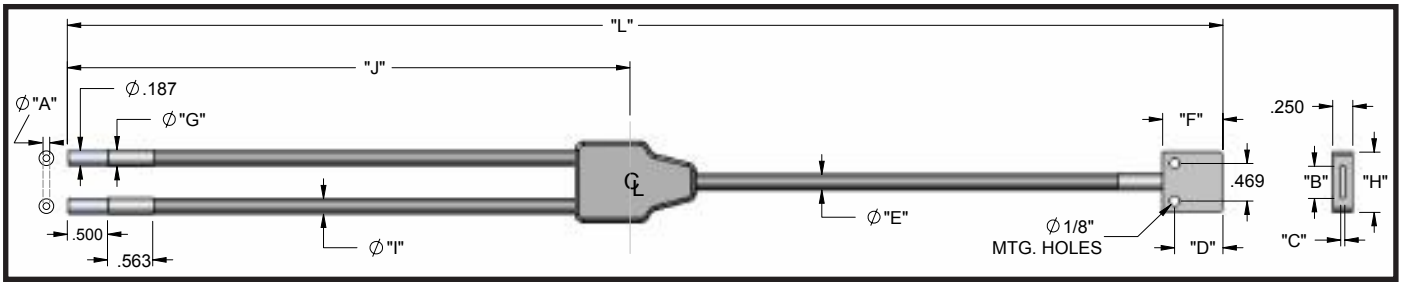
BF - 0.55NA Glass Fibers, Standard End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 221°F

Model	Part #	A	B	C	D	E	F	G	H	L
BF624 BF636 BF648 BF672	002112306024 002112306036 002112306048 002112306072	.063 (1.60 mm)	.154 (3.91 mm)	.020 (.51 mm)	.500 (12.7 mm)	.190 (5.84 mm)	.750 (19.05 mm)	.207 (6.35 mm)	.750 (19.05mm)	24” (609.60 mm) 36” (914.40 mm) 48” (1219.2 mm) 72” (1828.8mm)
BF824 BF836 BF848 BF860 BF872 BF896 BF8120	002112308024 002112308036 002112308048 002112308060 002112308072 002112308096 002112308120	.125 (3.18 mm)	.382 (9.70 mm)	.032 (.81 mm)	.750 (19.05 mm)	.230 (5.84 mm)	1.00 (25.4 mm)	.250 (6.35 mm)	.750 (19.05mm)	24” (609.60 mm) 36” (914.40 mm) 48” (1219.2 mm) 60” (1524.0 mm) 72”(1828.80mm) 96”(2438.4mm) 120”(3048.0mm)
BF924 BF936	SK77190024 SK77190036	.138 (3.51 mm)	1.50 (38.10mm)	.010 (.254 mm)	1.00 (25.4 mm)	.300 (7.62 mm)	1.50 (38.10mm)	-	2.00 (50.8 mm)	24” (609.60 mm) 36” (914.40 mm)



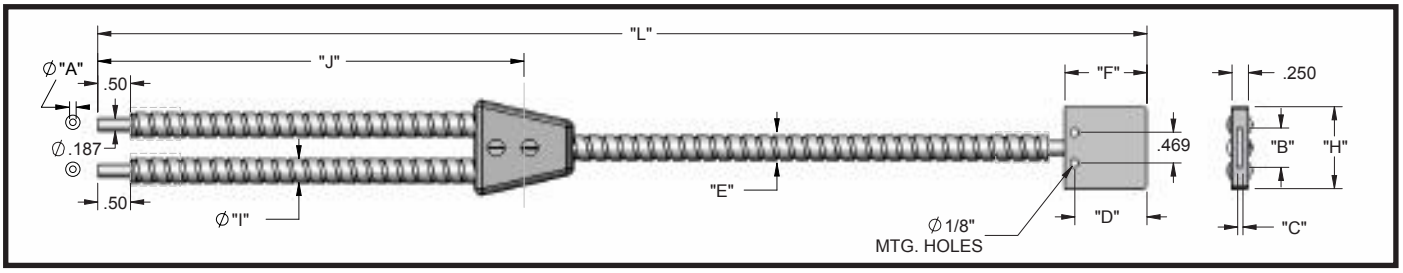
BFX - 0.55NA Glass Fibers, Standard End Ferrule, Stainless Steel Sheathing, Rated for -40°F to 500°F

Model	Part #	A	B	C	D	E	F	G	H	L
BFX624 BFX636 BFX648 BFX672 BFX6120	002114306024 002114306036 002114306048 002114306072 002114306120	.063 (1.60 mm)	.154 (3.91 mm)	.020 (.51 mm)	.500 (12.7 mm)	.203 (5.16 mm)	.750 (19.05 mm)	-	.750 (19.05mm)	24” (609.60 mm) 36” (914.40 mm) 48” (1219.2 mm) 72”(1828.80mm) 120”(3048.0mm)
BFX824 BFX836 BFX848 BFX860 BFX872 BFX8180	002114308024 002114308036 002114308048 002114308060 002114308072 002114308180	.125 (3.18 mm)	.382 (9.70 mm)	.032 (.81 mm)	.750 (19.05 mm)	.244 (6.20 mm)	1.00 (25.4 mm)	-	.750 (19.05mm)	24” (609.60 mm) 36” (914.40 mm) 48” (1219.2 mm) 60” (1524.0 mm) 72”(1828.80mm) 180”(4572.0mm)
BFX924 BFX936 BFX948 BFX972	002114359024 002114359036 002114359048 002114359072	.138 (3.51 mm)	1.50 (38.10mm)	.010 (.254mm)	1.00 (25.4 mm)	.300 (7.62 mm)	1.50 (38.10mm)	-	2.00 (50.8 mm)	24” (609.60 mm) 36” (914.40 mm) 48” (1219.2 mm) 72”(1828.80mm)



EF - 0.55NA Glass Fibers, Standard End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 221°F

Model	Part #	A	B	C	D	E	F	G	H	I	J	L
EF612 EF624 EF636 EF655 EF660 EF665 EF672	002122211012 002122211024 002122211036 002122211055 002122211060 002122211065 002122211072	.044 (1.12 mm)	.154 (3.91 mm)	.020 (.51 mm)	.500 (12.7 mm)	.190 (5.84 mm)	.750 (19.05 mm)	.207 (6.35 mm)	.750 (19.05mm)	.190 (5.84 mm)	7.00 (177.8 mm)	12" (304.80 mm) 24" (609.60 mm) 36" (914.40 mm) 55" (1397.0 mm) 60" (1524.0 mm) 65" (1651.0 mm) 72" (1828.8mm)
EF824 EF836 EF848 EF860 EF872	002122308024 002122308036 002122308048 002122308060 002122308072	.088 (2.24 mm)	.382 (9.70 mm)	.032 (.81 mm)	.750 (19.05 mm)	.220 (5.59 mm)	1.00 (25.4 mm)	.250 (6.35 mm)	.750 (19.05mm)	.220 (5.59 mm)	7.00 (177.8 mm)	24" (609.60 mm) 36" (914.40 mm) 48" (1219.2 mm) 60" (1524.0 mm) 72" (1828.8mm)
EF924 EF936	SK95540024 SK95540036	.138 (3.51mm)	1.50 (38.10mm)	.010 (.254 mm)	1.00 (25.4 mm)	.300 (7.62 mm)	1.50 (38.10mm)	-	2.00 (50.8 mm)	.300 (7.62 mm)	7.00 (177.8 mm)	24" (609.60 mm) 36" (914.40 mm)



EFX & EEFX - 0.55NA Glass Fibers, Standard End Ferrule, Stainless Steel Sheathing, Rated for -40°F to 500°F

Model	Part #	A	B	C	D	E	F	H	I	J	L
EFX612 EFX624 EFX636 EFX648 EFX672	002124306012 002124306024 002124306036 002124306048 002124306072	.044 (1.12 mm)	.154 (3.91 mm)	.020 (.51 mm)	.500 (12.7 mm)	.203 (5.16 mm)	.750 (19.05 mm)	.750 (19.05 mm)	.203 (5.16 mm)	7.00 (177.8 mm)	12" (304.80 mm) 24" (609.60 mm) 36" (914.40 mm) 48" (1219.2 mm) 72" (1828.8 mm)
EFX824 EFX836 EFX848 EFX860 EFX872 EFX896	002124308024 002124308036 002124308048 002124308060 002124308072 002124308096	.088 (2.24 mm)	.382 (9.70 mm)	.032 (.81 mm)	.750 (19.05 mm)	.244 (6.20 mm)	1.00 (25.4 mm)	.750 (19.05 mm)	.244 (6.20 mm)	7.00 (177.8 mm)	24" (609.60 mm) 36" (914.40 mm) 48" (1219.2 mm) 60" (1524.0 mm) 72" (1828.8mm) 96" (2438.4mm)
EEFX918 EEFX924 EEFX936 EEFX948 EEFX972	700002060018 700002060024 700002060036 700002060048 700002060072	.138 (3.51 mm)	1.50 (38.10 mm)	010 (.254 mm)	1.00 (25.4 mm)	.300 (7.62 mm)	1.50 (38.10 mm)	2.00 (50.8 mm)	.300 (7.62 mm)	11" 17" 29" 41" 65"	18"(457.20 mm) 24" (609.60 mm) 36" (914.40 mm) 48" (1219.2 mm) 72" (1828.8mm)

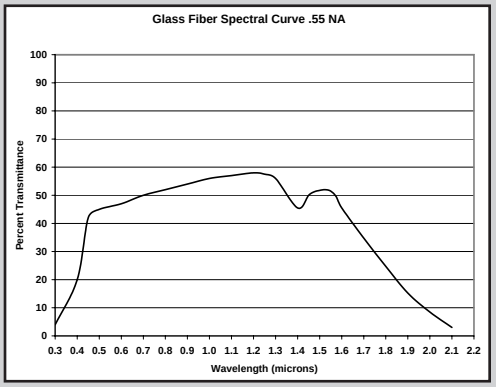
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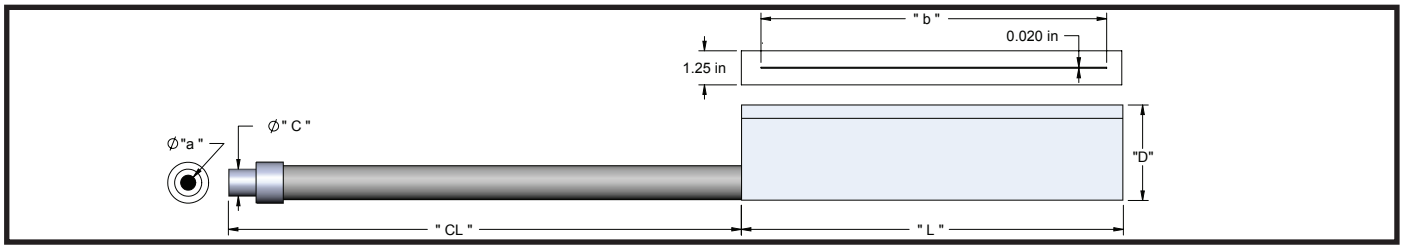
Line Light Guides

Glass Fiber Optic Line Lights - Borosilicate core/Borosilicate clad

Spectral Curve

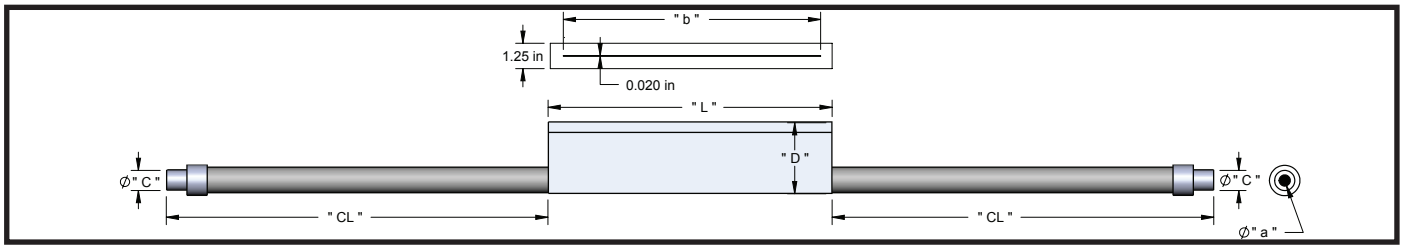


Specifications	
Individual Fiber Diameter	0.002" (0.051 mm) Typical; 0.001" (0.025 mm) Available
Acceptance Cone	68.0°
Numerical Aperture	.55
Fiber Material	Core: Borosilicate Cladding: Borosilicate
Temperature capabilities	-40°F to 220°F (-40°C to 107°C)
Spectral Transmittance	400nm-2000nm (.40-2.0 microns)
Minimum Bend Radius	1 ½" for 1/8" and 1/16" bundle diameter / 3" for ¼" bundle dia.
Maximum Breakage	2%
Housing Material	Anodized Black Aluminum Housing



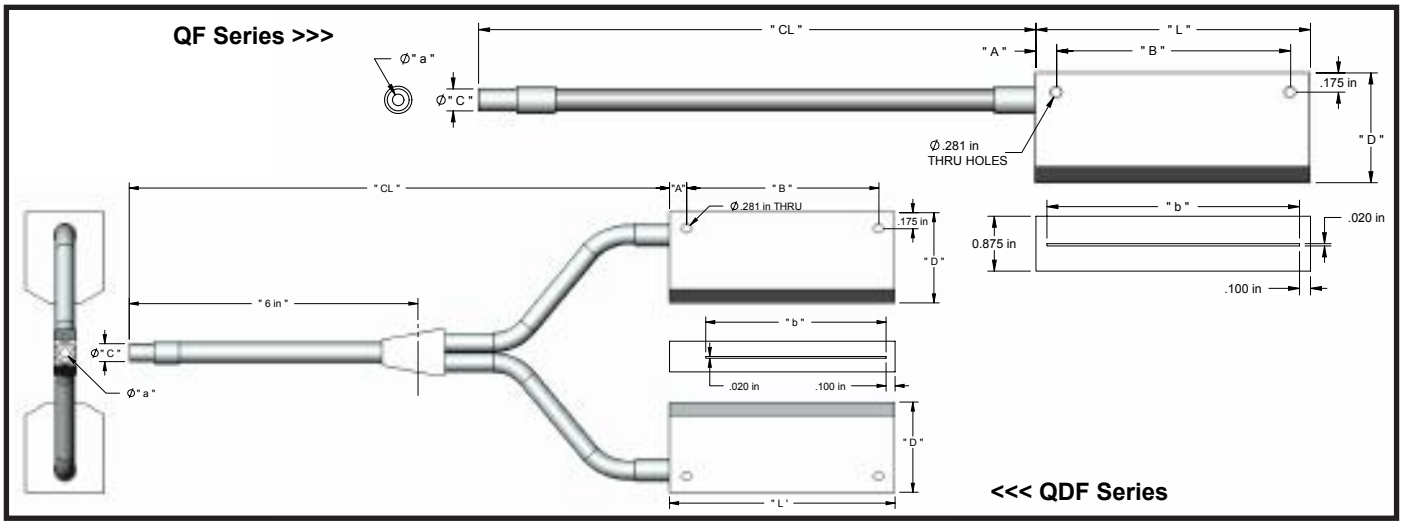
QF- Standard End Ferrule, PVC Sheathing, Rated for -40°F to 221°F

Model	Part #	a	b	c	L	D	CL
QF5536 QF5548 QF5572	700004840036 700004840048 700004840072	.550" (13.97mm)	12.00" (304.8mm)	.995" (25.3mm)	14.31" (363.5mm)	2.687" (68.25mm)	36" (914.40 mm) 48" (1219.2 mm) 72" (1828.8 mm)
QF7836 QF7848 QF78144	700004060036 700004060048 700004060144	.760" (19.30mm)	24.00" (609.6mm)	.995" (25.3mm)	26.31" (668.3mm)	2.687" (68.25mm)	36" (914.40 mm) 48" (1219.2 mm) 144" (3657 mm)



QF- Standard End Ferrule, PVC Sheathing, Rated for -40°F to 221°F

Model	Part #	a	b	c	L	D	CL
QF9648	700004910048	.679" (17.25mm)	36.00" (914.40mm)	.995" (25.3mm)	38.31" (973.1mm)	2.687" (68.25mm)	48" (1219.2 mm)
QF11048 QF11072 QF110120	700001470048 700001470072 700001470120	.778" (19.76mm)	48.00 (1219.2mm)	.995" (25.3mm)	50.3" (1277.6mm)	2.687" (68.25mm)	48" (1219.2 mm) 72" (1828.8 mm) 120"(3048.0mm)



QF- Standard End Ferrule, Stainless Steel Sheathing, Rated for -40°F to 221°F

Model	Part #	a	b	c	A	B	L	D	CL
QF2036 QF2048 QF2072 QF2084	SK79200036 SK79200048 SK79200072 SK79200084	.20” (5.08mm)	1.50” (38.1mm)	.312” (7.92mm)	.19” (4.83mm)	2.13” (54.1mm)	2.50” (63.5mm)	1.50” (38.1mm)	36” (914.40 mm) 48” (1219.2 mm) 72” (1828.8 mm) 84” (2133.6 mm)
QF2048M	002114480048	.20” (5.08mm)	1.50” (38.1mm)	.588” (14.94mm)	.19” (4.83mm)	2.13” (54.1mm)	2.50” (63.5mm)	1.50” (38.1mm)	48” (1219.2 mm)
QF2836 QF2848 QF2872	SK79210036 SK79210048 SK79210072	.28” (7.11mm)	3.00” (76.2mm)	.436” 12.8mm	.50” (12.7mm)	3.00” (76.2mm)	4.00” (101.6mm)	2.00” (50.8mm)	36” (914.40 mm) 48” (1219.2 mm) 72” (1828.8 mm)
QF2848M	002114410048	.28” (7.11mm)	3.00” (76.2mm)	.588” (14.94mm)	.50” (12.7mm)	3.00” (76.2mm)	4.00” (101.6mm)	2.00” (50.8mm)	48” (1219.2 mm)
QF3936	SK79220036 SK79220048 SK79220072	.39” (9.91mm)	6.00” (152mm)	.562” (14.3mm)	.50” (12.7mm)	6.50” (165.1mm)	7.50” (190.5mm)	2.50” (63.5mm)	36” (914.40 mm) 48” (1219.2 mm) 72” (1828.8 mm)
QF3948M	002114460048	.39” (9.91mm)	6.00” (152mm)	.588” (14.94mm)	.50” (12.7mm)	6.50” (165.1mm)	7.50” (190.5mm)	2.50” (63.5mm)	48” (1219.2 mm)
QF5048 QF5072 QF5096	SK91190048 SK91190072 SK91190096	.50” (12.7mm)	10.00” (254mm)	..625” (15.9mm)	.50” (12.7mm)	10.50” (266.7mm)	11.50” (292.1mm)	2.50” (63.5mm)	48” (1219.2 mm) 72” (1828.8 mm) 96” (2438.4 mm)

QDF- Standard End Ferrule, Stainless Steel Sheathing, Rated for -40°F to 221°F

Model	Part #	a	b	c	A	B	L	D	CL
QDF2048 QDF2072	SK79230048 SK79230072	.28” (7.11mm)	1.50” (38.1mm)	.436” 12.8mm	.19” (4.83mm)	2.13” (54.1mm)	2.50” (63.5mm)	1.50” (38.1mm)	48” (1219.2 mm) 72” (1828.8 mm)
QDF2048M	002114420048	.28” (7.11mm)	1.50” (38.1mm)	.588” (14.94mm)	.19” (4.83mm)	2.13” (54.1mm)	2.50” (63.5mm)	1.50” (38.1mm)	48” (1219.2 mm)
QDF2848 QDF2872 QDF2896	SK79240048 SK79240072 SK79240096	.39” (9.91mm)	3.00” (76.2mm)	.562” (14.3mm)	.50” (12.7mm)	3.00” (76.2mm)	4.00” (101.6mm)	2.00” (50.8mm)	48” (1219.2 mm) 72” (1828.8 mm) 96” (2438.4 mm)
QDF2848M	002114440048	.39” (9.91mm)	3.00” (76.2mm)	.588” (14.94mm)	.50” (12.7mm)	3.00” (76.2mm)	4.00” (101.6mm)	2.00” (50.8mm)	48” (1219.2 mm)
QDF3948 QDF3972	SK79250048 SK79250072	.55” (14.0 mm)	6.00” (152mm)	.625” (15.9mm)	.50” (12.7mm)	6.50” (165.1mm)	7.50” (190.5mm)	2.50” (63.5mm)	48” (1219.2 mm) 72” (1828.8 mm)
QDF5048 QDF5052 QDF5072	SK91200048 SK91200052 SK91200072	.71” (18.0mm)	10.00” (254mm)	.995” (25.3mm)	.50” (12.7mm)	10.50” (266.7mm)	11.50” (292.1mm)	2.50” (63.5mm)	48” (1219.2 mm) 52” (1320.8 mm) 72” (1828.8 mm)

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Dolan-Jenner industries

LHF-Series Rod Lenses


LHF3975 Shown

LHF-Series Rod Lenses
For QF & QDF Series Line Lights Up to 10”

Increased illumination throuput or stand-off distances and uniform lines of light are critical for line scanning inspection and machine vision applications. Dolan-Jenner rod lenses, when used with our fiber optic line lights, provide a light stripe in excess of 7,000 foot candles at 12 inches, 10x brighter than a non-lens setup.

Standard Features:

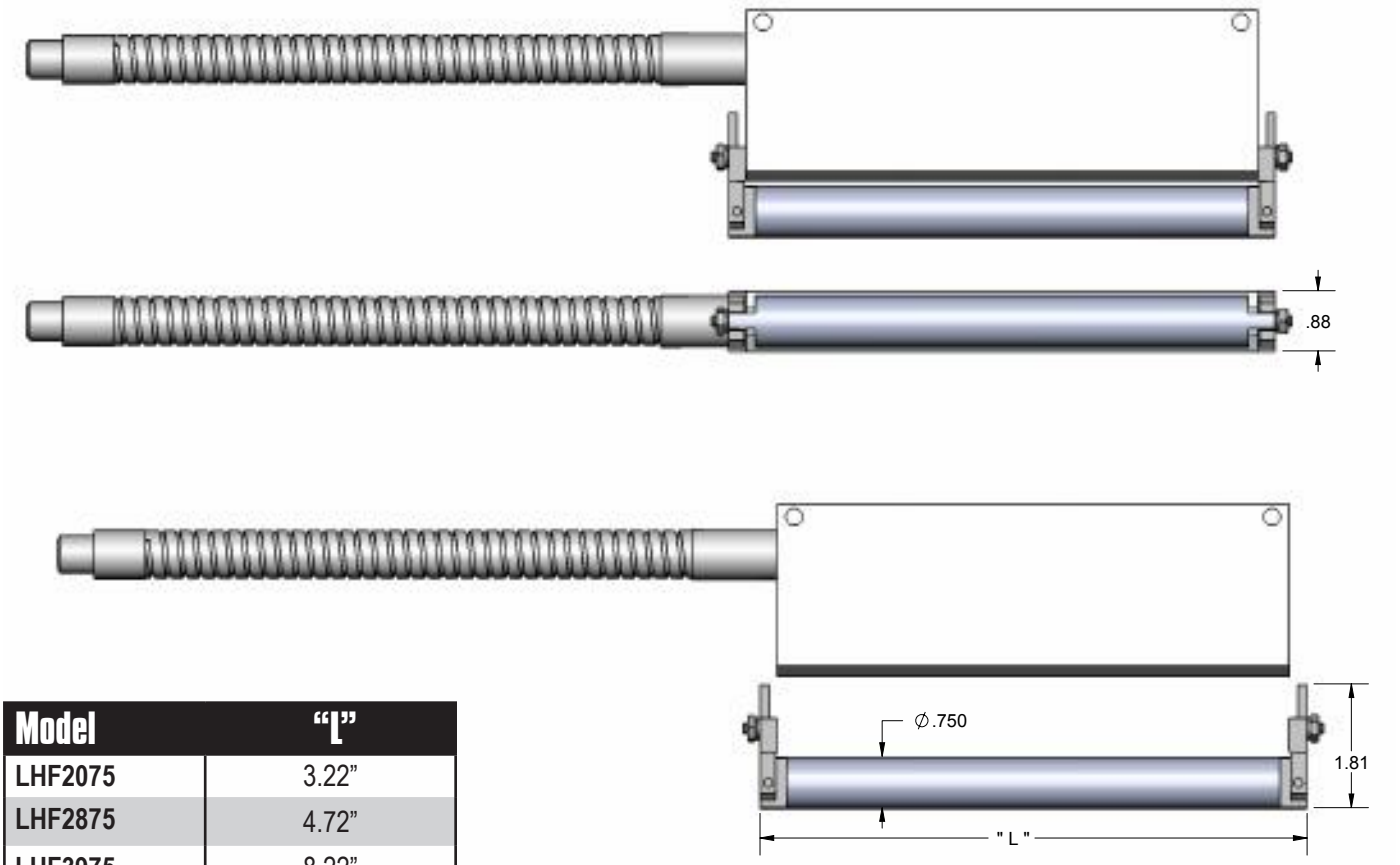
- Condensed Line Outputs for Structured Lighting Applications
- Even Distribution of Light Over the Width of the Beam
- Increased Working Distances
- Minimal Stray Light

Specifications

Rod Lens Diameter	WD	Material	Min Line Thickness
.75”	1”	Acrylic	0.125”
.75”	3”	Acrylic	0.250”
.75”	6”	Acrylic	0.375”
.75”	12”	Acrylic	0.500”

Model & P/N	Description	Line Light Length
LHF2075 700011701001	Rod Lens for QF20 & QDF20	1.5”
LHF2875 700011701003	Rod Lens for QF28 & QDF28	3”
LHF3975 700011701006	Rod Lens for QF39 & QDF39	6”
LHF5075 700011701010	Rod Lens for QF50 & QF50	10”

Rod Lens Dimensions:



Model	"L"
LHF2075	3.22"
LHF2875	4.72"
LHF3975	8.22"
LHF5075	12.22"

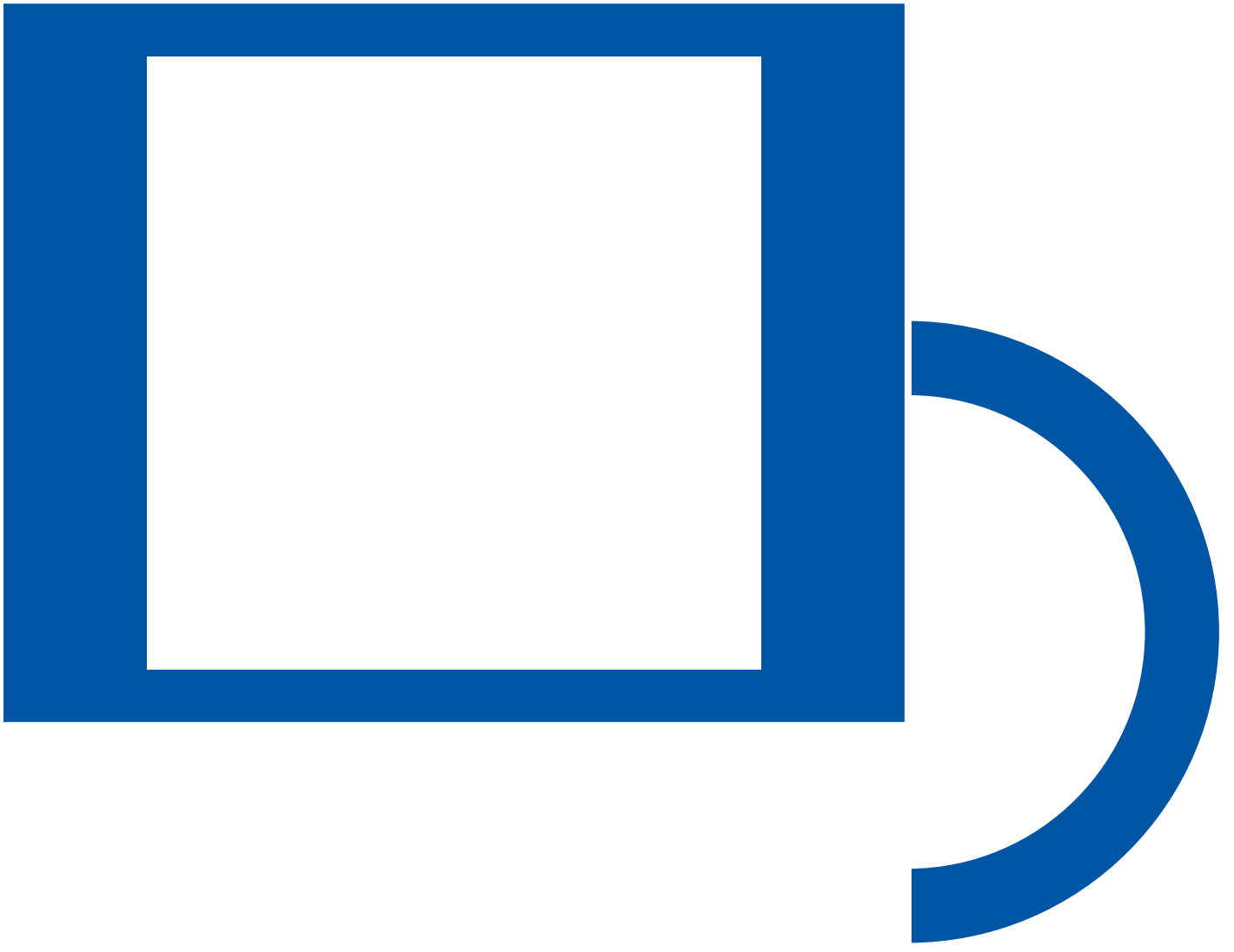
Dolan-Jenner industries

Dolan-Jenner Industries
159 Swanson Rd.
Boxborough, MA 01719 USA

Phone: 800.833.4237
Fax: 978.264.0292
Email: support@dolan-jenner.com

Section: IX

BACK LIGHTS



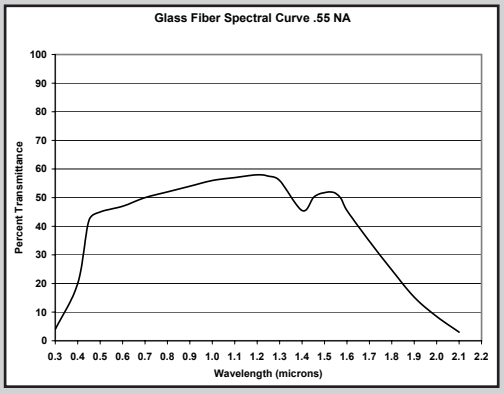
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Back Lights

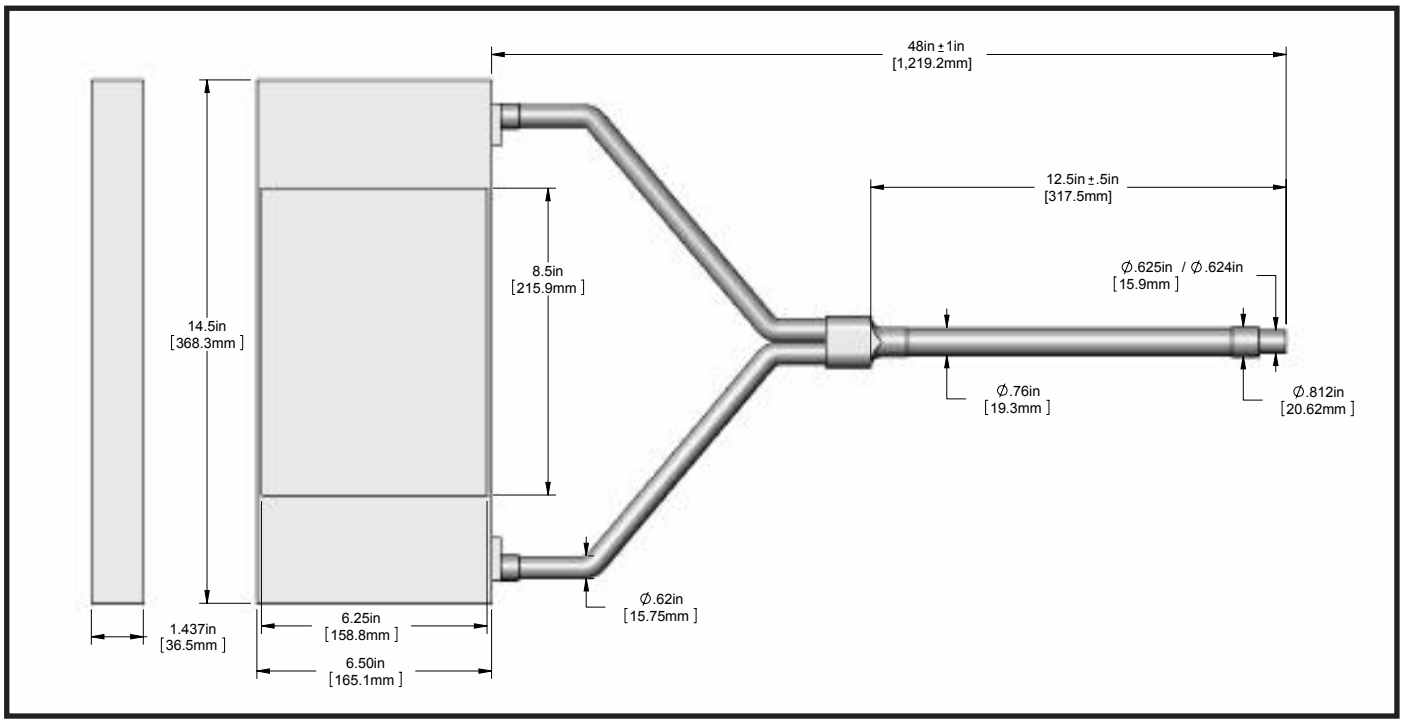
Glass Fiber Optic Back Lights - Borosilicate core/Borosilicate clad

Spectral Curve of Glass Fibers



Fiber Specifications (Not Back Light Output)

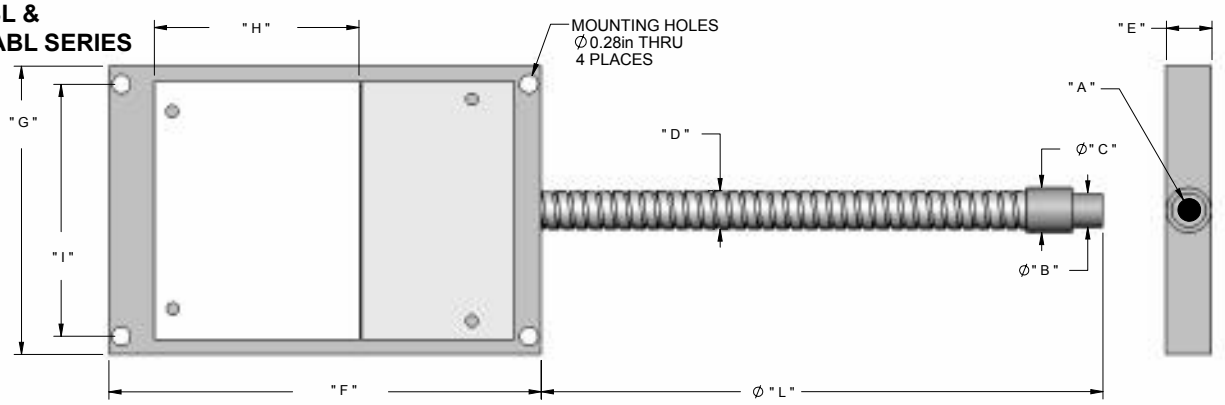
Individual Fiber Diameter	0.002" (0.051 mm) Typical; 0.001" (0.025 mm) Available
Acceptance Cone	68.0°
Numerical Aperture	.55
Fiber Material	Core: Borosilicate Cladding: Borosilicate
Temperature capabilities	QVABL, QVMABL, 70000215 and QVABL22: -40°F to 220°F (-40°C to 107°C) QVMABLHT: -40°F to 400°F (-40°C to 205°C)
Spectral Transmittance	400nm-2000nm (.40-2.0 microns)
Minimum Bend Radius	1 ½" for 1/8" and 1/16" bundle diameter / 3" for ¼" bundle dia.
Maximum Breakage	2%
Housing Material	QVABL, QVABL22 & QVMABLHT: Anodized Black Aluminum QVMABL & 70000215: Black Nylatron
Diffuser Material	QVABL, QVMABL, QVABL22 & 70000215: Acrylic QVMABLHT: Glass



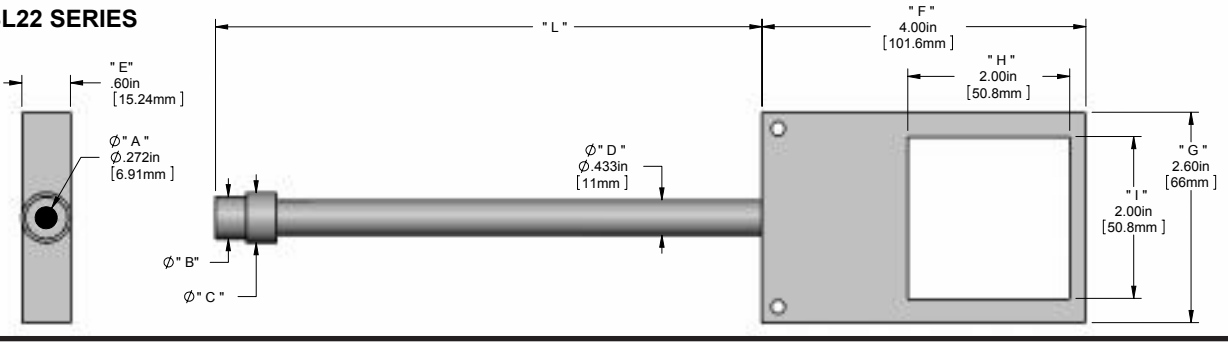
Large Area Back Light - Standard End Ferrule, PVC-Covered Metal Hose, Rated for -40°F to 175°F

Model	Part #	A	B	C	D	E	F	G	H	I	L
700002151048	700002151048	.553" (14.05mm)	.625" (15.9mm)	.906" (23mm)	.803" (20.4mm)	1.437" (36.50mm)	14.50" (368.3mm)	6.50" (165.1mm)	8.5" (215.9mm)	6.50" (165.1mm)	48" (1219.2 mm)

QVABL & QVMABL SERIES



QVABL22 SERIES



QVABL - Standard End Ferrule, PVC-Covered Metal Hose, Rated for -40°F to 175°F

Model	Part #	A	B	C	D	E	F	G	H	I	L
QVABL48 QVABL68 QVABL72 QVABL108	SK92630048 SK92630068 SK92630072 SK92630108	.365" (9.26mm)	.560 (14.22mm)	.74" (18.80mm)	.64" (16.2mm)	.75" (19.1mm)	7.12" (180.8mm)	4.75" (120.7mm)	3.37" (85.6mm)	4.25" (108mm)	48" (1219.2 mm) 68" (1727.2 mm) 72" (1828.8 mm) 108" (2743 mm)
QVABL36M QVABL48M	700008690036 700008690048	.365" (9.26mm)	.588 (14.94mm)	.74" (18.80mm)	.64" (16.2mm)	.75" (19.1mm)	7.12" (180.8mm)	4.75" (120.7mm)	3.37" (85.6mm)	4.25" (108mm)	36" (914.40 mm) 48" (1219.2 mm)
QVABL2236 QVABL2248 QVABL2272	700010280036 700010280048 700010280072	.272" (6.91mm)	.588" (14.94mm)	.615" (15.62mm)	.433" (11.00mm)	.600" (15.24mm)	4.00" (101.6mm)	2.60" (66.0mm)	2.00" (50.8mm)	2.00" (50.8mm)	36" (914.40 mm) 48" (1219.2 mm) 72" (1828.8 mm)

QVMABL - Standard End Ferrule, PVC Monocoil Sheathing, Rated for -40°F to 175°F

Model	Part #	A	B	C	D	E	F	G	H	I	L
QVMABL36 QVMABL48 QVMABL72 QVMABL79 QVMABL96 QVMABL100 QVMABL120	SK83560036 SK83560048 SK83560072 SK83560079 SK83560096 SK83560100 SK83560120	.250" (6.35mm)	.312" (7.92mm)	.422" (10.72mm)	.40" (10.16mm)	.630" (16.0mm)	3.375" (85.7mm)	2.05" (52.1mm)	1.63" (413mm)	1.86" (47.2mm)	36" (914.40 mm) 48" (1219.2 mm) 72" (1828.8 mm) 79"(2006.6 mm) 96" (2438.4 mm) 100"(2540.0 mm) 120" (3048.0mm)
QVMABL36M QVMABL48M	002400050036 002400050048	.250" (6.35mm)	.588 (14.94mm)	.615" (15.62mm)	.40" (10.16mm)	.630" (16.0mm)	3.375" (85.7mm)	2.05" (52.1mm)	1.63" (413mm)	1.86" (47.2mm)	36" (914.40 mm) 48" (1219.2 mm)

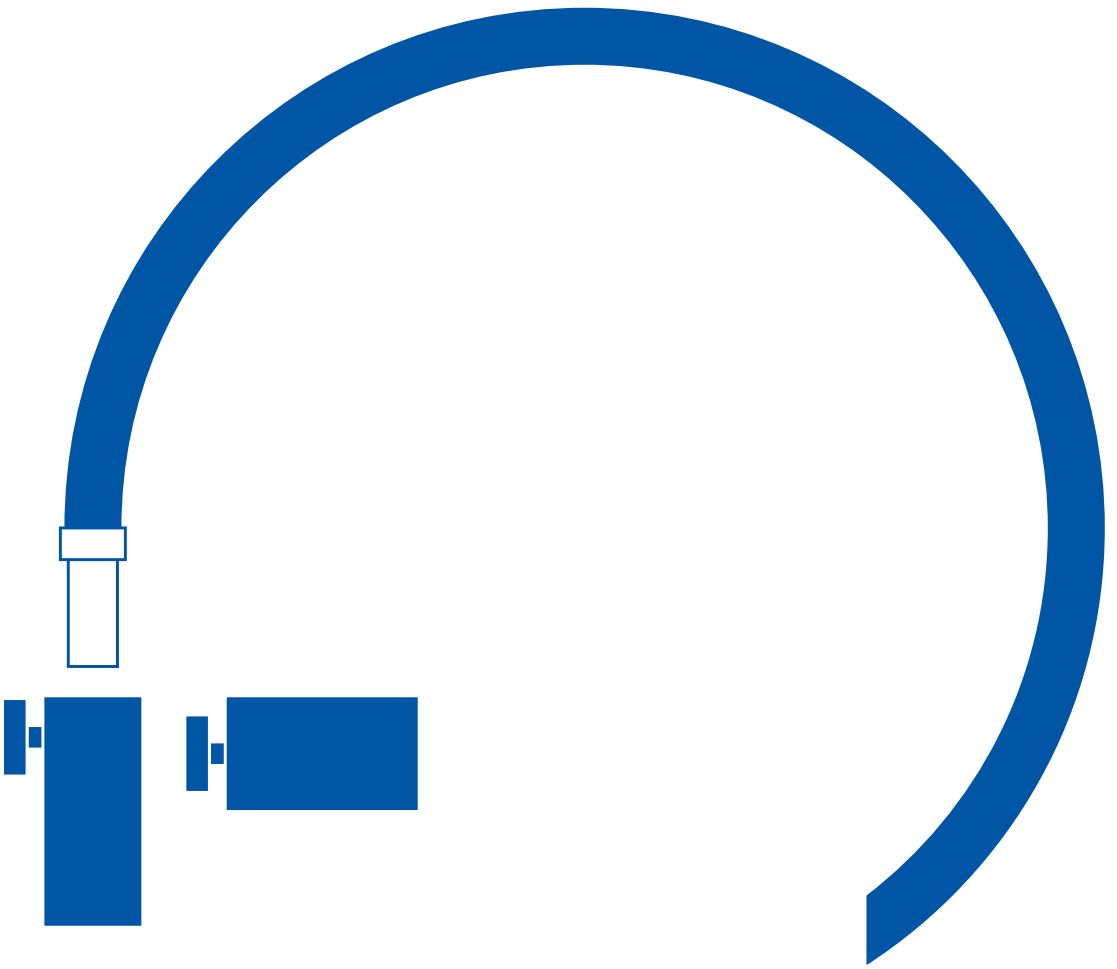
QVMABLHT - Standard End Ferrule, Stainless Steel Sheathing, Rated for -40°F to 400°F

Model	Part #	A	B	C	D	E	F	G	H	I	L
QVMABLHT	700000560048	.250" (6.35mm)	.312" (7.92mm)	.500" (12.7mm)	.422" (10.72mm)	.630" (16.0mm)	3.375" (85.7mm)	2.05" (52.1mm)	1.63" (413mm)	1.86" (47.2mm)	48" (1219.2 mm)

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Section: X

LIGHT GUIDE ACCESSORIES



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Light Guide Accessories

LH-759 - Focusing Lens



Part #	F.O. Compatibility	Features
LH-759	BG18 Series, BGT18 Series BGG Series EEG Series (Ex. EEG37)	28 mm Focal Legth Lens which concentrates the fiber optic cone of light to provide higher levels of illumination at long stand off distances.

LH-501 - Focusing Lens



Part #	F.O. Compatibility	Features
LH-501	5/16-24 Threaded ID BT6, BT8, BXT6, BXT8 series ET6, ET8, EXT6, EXT8 series EPXT6, EPXT8, EET6, EET8 series	15 mm Focal Legth Lens which concentrates the fiber optic cone of light to provide higher levels of illumination at long stand off distances. For 5/16-24 threaded light guides.

LH-750 - Focusing Lens



Part #	F.O. Compatibility	Features
LH-750	5/16-24 Threaded ID BT6, BT8, BXT6, BXT8 series ET6, ET8, EXT6, EXT8 series EPXT6, EPXT8, EET6, EET8 series	28 mm Focal Legth Lens which concentrates the fiber optic cone of light to provide higher levels of illumination at long stand off distances. For 5/16-24 threaded light guides.

LH-1050 - Focusing Lens



Part #	F.O. Compatibility	Features
LH-1050	5/16-24 Threaded ID BT6, BT8, BXT6, BXT8 series ET6, ET8, EXT6, EXT8 series EPXT6, EPXT8, EET6, EET8 series	50 mm Focal Legth Lens which concentrates the fiber optic cone of light to provide higher levels of illumination at long stand off distances. For 5/16-24 threaded light guides.

LH-1055 - Focusing Lens



Part #	F.O. Compatibility	Features
LH-1055	1/2-20 Threaded ID BT4, BXT4 Series EEG37 Series	50 mm Focal Legth Lens which concentrates the fiber optic cone of light to provide higher levels of illumination at long stand off distances. For 1/2-20 threaded light guides.

LH-1100 - Focusing Lens



Part #	F.O. Compatibility	Features
LH-1100	Fits both .187" & .312" diameter end ferules. BT, BXT Series ET, EET, EXT Series	50 mm Focal Legth Lens which concentrates the fiber optic cone of light to provide higher levels of illumination at long stand off distances.

LH-755 - Focusing Lens



Part #	F.O. Compatibility	Features
LH-755	EEG37 Series	28 mm Focal Legth Lens which concentrates the fiber optic cone of light to provide higher levels of illumination at long stand off distances. 1/2-20 Threaded w/ Lock Nut

LHP-DF - Diffuser Cap for Focusing Lenses



Part #	F.O. Compatibility	Features
LHP-DF	LH-759 & LH-755	Opaque White Diffuser Cap for the LH755 & LH759 lenses.

LHP-PLZ - Polarizer Cap for Focusing Lenses



Part #	Compatibility	Features
LHP-PLZ	LH-759 & LH-755	Polarizer Cap for the LH755 & LH759 lenses. Provides linear polarization of light.