

G-Series Accessories LIGHT GUIDES

OVERVIEW

ScopeLED offers multiple fiber optic light guide accessories that are available to connect with all three G-Series LED illuminators. These products are offered under ISO 9001:2008 and ISO 13485:2003/2012 certification, utilize Good Manufacturing Practice (GMP) Guidelines, and are RoHS compliant.

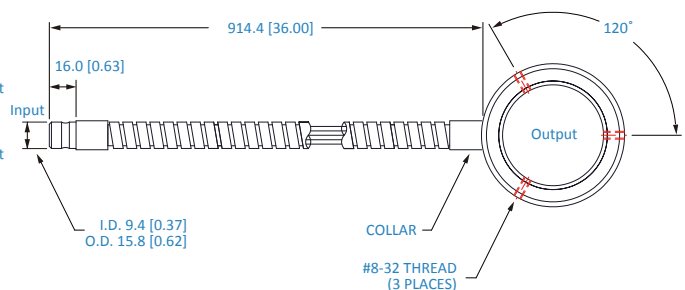
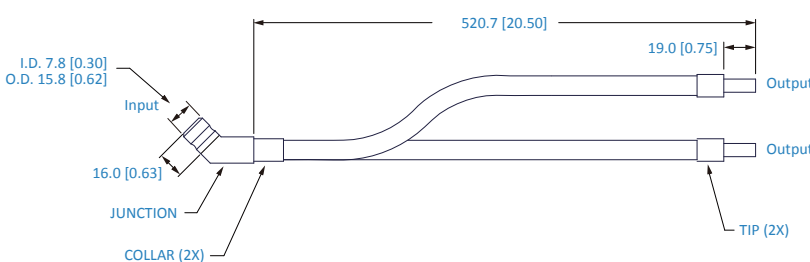
ScopeLED offers two types of light guides: a Rigid Bifurcated Gooseneck design and a Ring Light design. The rigid gooseneck light guide comes complete with a focus lens assembly to focus light from the gooseneck fiber optic design into a round/spot configuration output. The lens housing is made from Black Delrin.

MECHANICAL DIMENSION

Unit: mm [inch]

Bifurcated Gooseneck Design - Dual 20" long legs

Fiber Optic Ring Light with 3 Thumb Screws



QUALITY CONTROL

- RoHS Compliant
- Gold-standard industry certifications
- Product designs developed using 3D Solid Works software modeling
- Photonics and optical test measurement capabilities using integrating spheres and power meters for use in light output measurement
- Experienced in the creation of a multitude of custom design for product lighting configurations including halos, concentric rings, half moon, and full randomized fiber bundles
- Experience in risk analysis and risk management of custom products

SPECIFICATIONS/RATINGS

Bifurcated Gooseneck Design - Dual 20" Long Legs

Fiber Type	Borosilicate Glass with Ground & Polished Faces
Fiber Bundle Diameter	.308 inch
Numerical Aperture (NA)	.66
Sheathing Type	Black PVC Over Hardened Stainless Steel
Sheathing Dimension	.485 inch O.D.
Proximal Material	Stainless Steel
Distal End Tip (2X)	.311 inch O.D.
Distal End (2X) Material	Stainless Steel

Fiber Optic Ring Light with 3 Thumb Screws - 36" Long

Fiber Type	Borosilicate Glass
Fiber Bundle Diameter	.370 inch
Numerical Aperture (NA)	.55
Sheathing Type	Stainless Steel Squire Lock
Sheathing Dimension	.50 inch
Proximal Material	Stainless Steel
Ring End Dimension	3.375 inch O.D.
Ring End Material Anodized To	Black Anodized Hard Cover Over Aluminum
Working Distance	4-4.5" (100-114mm)

FACILITIES AND MANUFACTURING

- PLC controlled fiber drawing equipment capability to control the number of fibers per application specific OD bundle size
- 18,000 sq. ft. vertically-integrated manufacturing facility
- Fluent in utilization of proprietary material science/epoxies usage for industrial and high temperature applications
- Full suite of proprietary material science/epoxies usage for industrial and high temperature applications
- Implementation of LEAN manufacturing practices that improve quality and minimize waste
- Complete in-process component traceability
- Implementation of 5S & Standard Work Techniques

ORDERING INFORMATION

SLAG -

Accessories (Optional)

SLAG-PA32	Pole Mount Adapter (40mm to 32mm)
SLAG-PACU	Pole Mount Adapter (40mm to Custom Size)
SLAG-BIFR	20-Inch Bifurcated Gooseneck Light Guide with Focusing Lenses
SLAG-RING	36-Inch Fiber Optic Ring Light
SLAG-SB	Stand Bracket for Mounting to the Back of Non-pole Stereo Microscope Stand
SLAG-SS	Support Stand for Rigid Gooseneck Light Guides
SLAG-BASE	Lead Base for utilizing the Rigid Gooseneck Lightguides for Stability

ORDERING APPROPRIATE G-SERIES LED

G150 Series, G180 Series, and G250 Series

For more information about our LED illuminators, please visit us at www.scopeled.com

