



8° Line Optic Compatible with Beta CW and Beta TX Lasers

Product Overview

The 8° line lens from Global Laser is designed to be a simple interchangeable optic that can be screwed on and off the front of any of our Beta CW or Beta TX laser modules (see table below). This allows the user to quickly and efficiently change the dot output of these laser modules to a 8° line. This is suitable for a wide range of applications including alignment, positioning and machine vision.

The lens produces a line with typical full fan angle of 8° and has an input beam of TBC. The intensity distribution is gaussian.

Global Laser Part Number	RS Part Number	Description
TBC	1088-11-000	Beta CW Laser 635nm 0.36mW Circular Spot
RS111-346	1068-40-000	Beta CW Laser 635nm 1.5mW Elliptical Spot
TBC	1088-12-000	Beta CW Laser 635nm 15mW Elliptical Spot
TBC	1068-55-000	Beta CW Laser 650nm 20mW Elliptical Spot
RS194-010	1068-42-000	Beta CW Laser 670nm 1mW Circular Spot
RS194-026	1068-43-000	Beta CW Laser 670nm 3mW Elliptical Spot
RS564-504	1060-41-000	Beta TX Modulatable Laser 670nm 1mW Circular Spot
RS194-004	1060-42-000	Beta TX Modulatable Laser 670nm 3mW Elliptical Spot

Specification

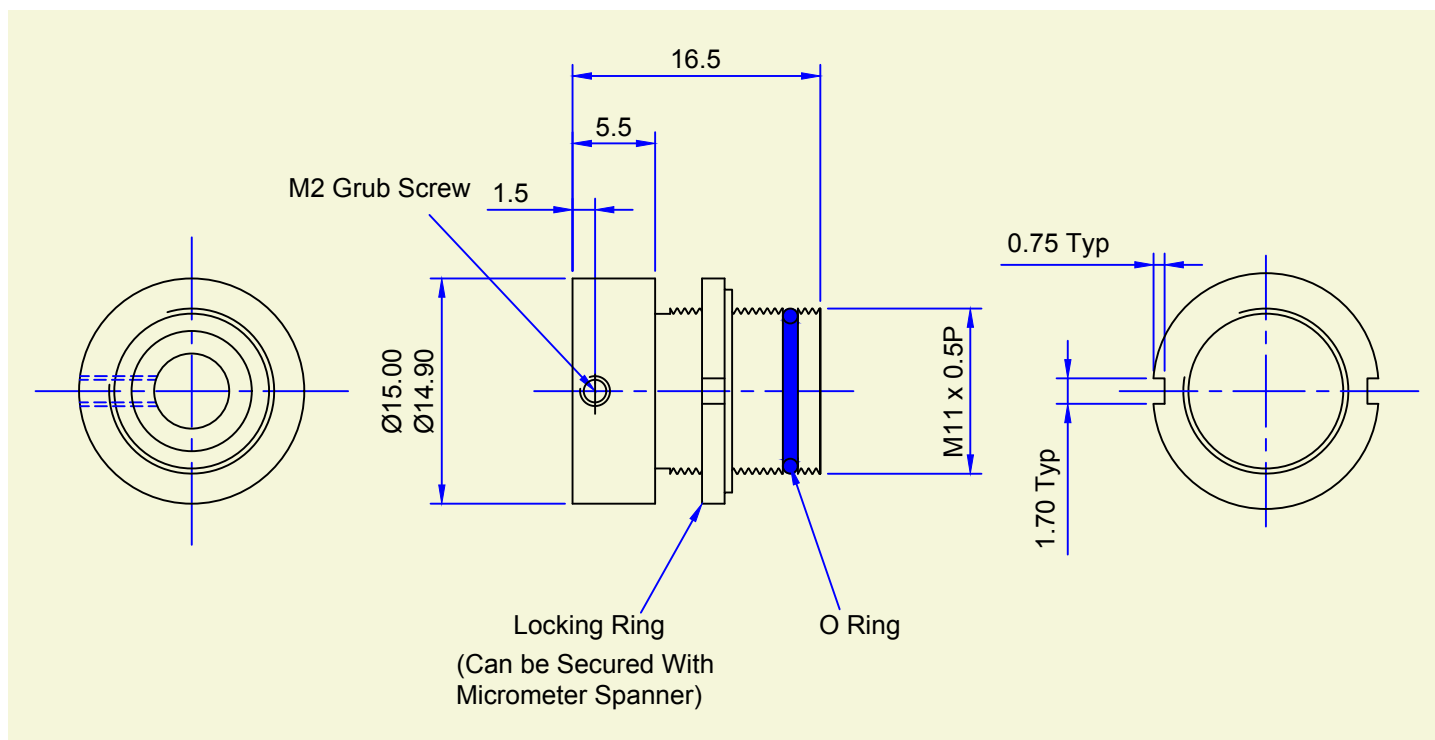
	Optical Information
Lens Material	Glass
Lens Type	Plano Convex Cylindrical
Exit Aperture	5.5mm
A/R Coated	Yes (MgF2)
Typical Input Beam Size	5 by 1.5mm
Typical Fan Angle	8°
Typical Transmission Loss (650nm)	≤5%



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Mechanical Dimensions

Interchangeable Line Lens (8° Fan Angle)



Please Note: Global Laser reserve the right to change descriptions and specifications without notice.



T: +44 (0)1495 212213
F: +44 (0)1495 214004
E: sales@globallasertech.com
www.globallasertech.com

Global Laser Ltd
Unit 9-10
Roseheyworth Business Park
Abertillery, Gwent NP13 1SP UK