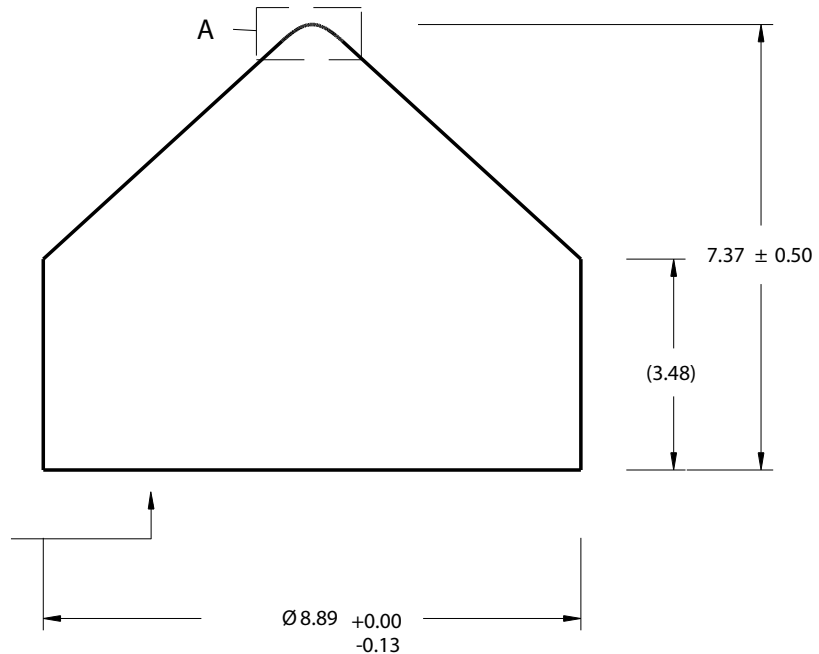
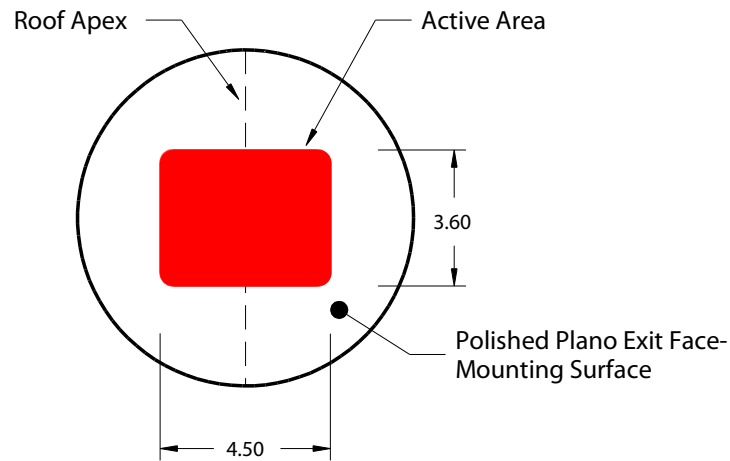
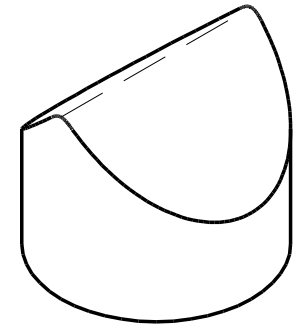
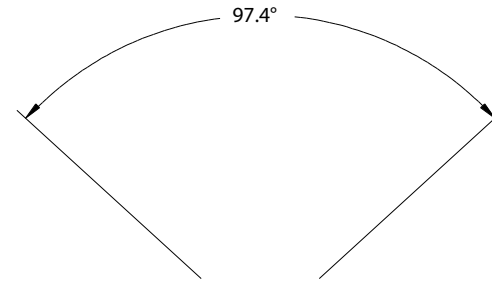


Detail A



Fan angle: 75° ± 3%
 Beam Size(1): 1
 Line uniformity(2): <30% total variation
 Contained power(2): 80% ± 5%
 Bore site: <4 mrad
 Line straightness(2): <0.1%
 Substrate(3): S-TiH6 or equivalent (RoHS Compliant)
 Coating: None
 Performance specifications assume lens matched to laser/collimator

(1) Based on $1/e^2$
 (2) Measured over central 80% of line length
 (3) RoHS Directive 2002/95/EC Compliant
 All dimensions in millimeters
 Specifications subject to change without notice

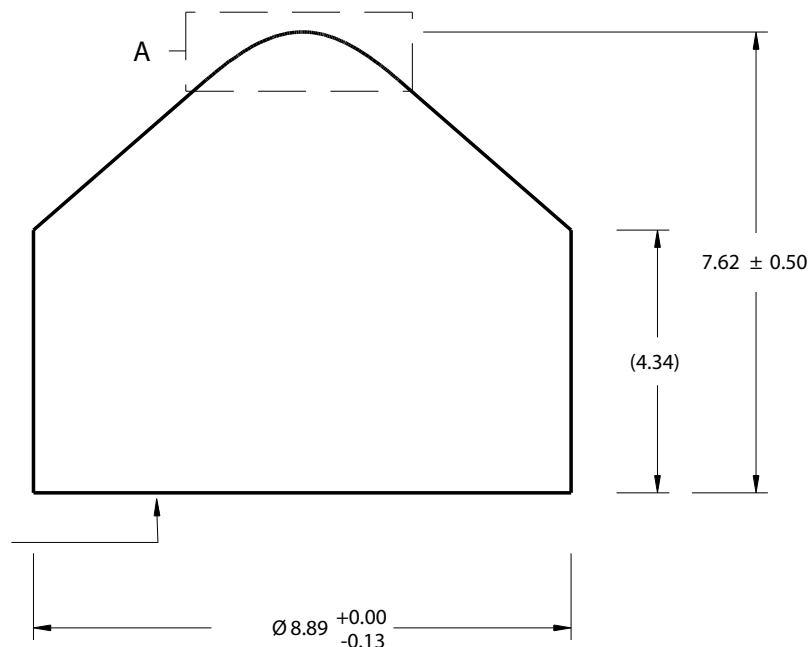
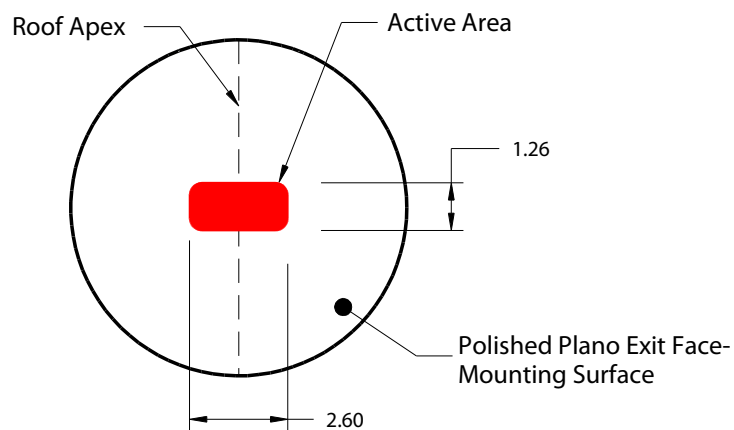
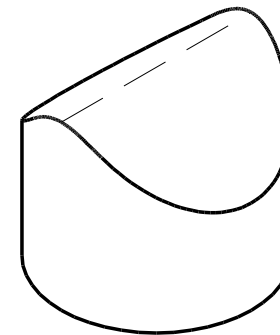
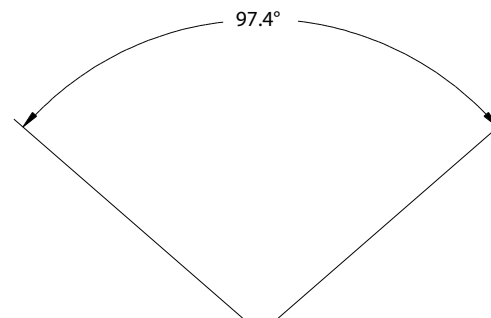
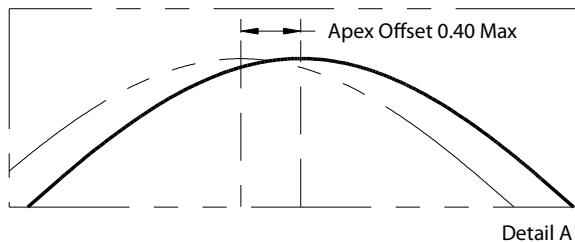
LASERLINE OPTICS CANADA INC.
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Scale: 8:1

05/04/2012

Project: Laserline Optics Canada Powell Lenses

75° narrow beam Powell lens



Fan angle: 75° ± 3%
 Beam Size(1): 3.8
 Line uniformity(2): <30% total variation
 Contained power(2): 80% ± 5%
 Bore site: <4 mrad
 Line straightness(2): <0.1%
 Substrate(3): S-TiH6 or equivalent (RoHS Compliant)
 Coating: None
 Performance specifications assume lens matched to laser/collimator

(1) Based on 1/e²
 (2) Measured over central 80% of line length
 (3) RoHS Directive 2002/95/EC Compliant
 All dimensions in millimeters
 Specifications subject to change without notice

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Scale: 8:1

Project: Laserline Optics Canada Powell Lenses

05/04/2012

75° wide beam Powell lens