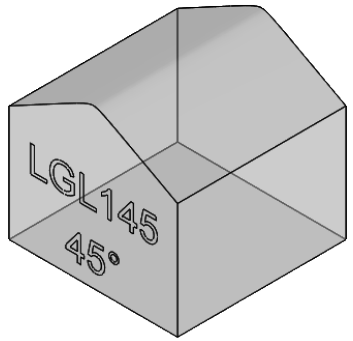
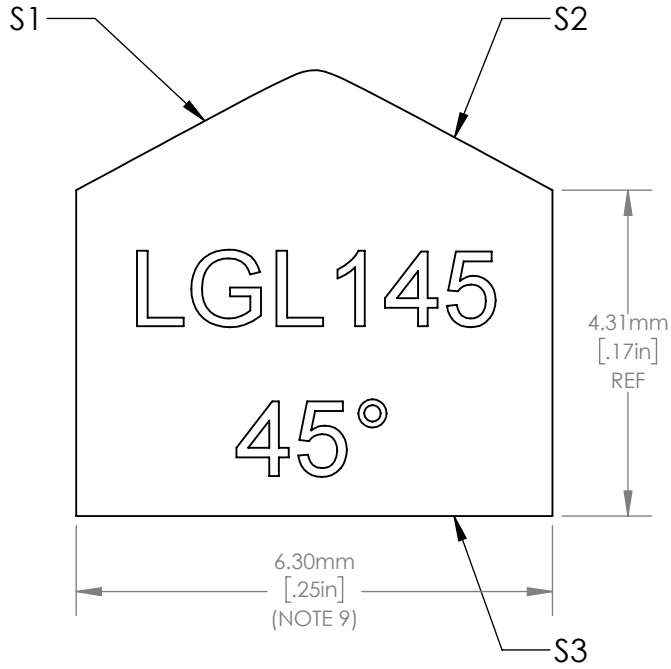
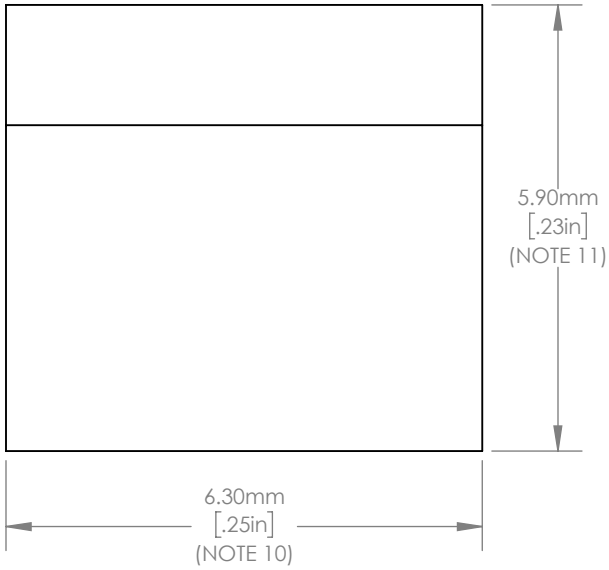


ISOMETRIC VIEW 5:1





NOTES/SPECIFICATIONS:

1. FAN ANGLE: 45 +3/-0.5° AT 633nm
2. SURFACE QUALITY (S1, S2, S3): 60-40 SCRATCH-DIG
3. $1/e^2$ INPUT BEAM DIAMETER: 0.8mm
4. CLEAR APERTURE (S3): >Ø4.0mm
5. LINE UNIFORMITY: <30% VARIATION OVER CENTRAL 80% OF LINE AT 633nm
6. LINE STRAIGHTNESS: <0.1% OVER CENTRAL 80% OF LINE AT 633nm
7. CONTAINED POWER: 80% ± 5% OVER CENTRAL 80% OF LINE AT 633nm
8. COATING: MgF_2, Ravg: <2% from 400-700nm
9. DIMENSIONAL TOLERANCE (+0.00/-0.15mm)
10. DIMENSIONAL TOLERANCE (+0.00/-0.20mm)
11. DIMENSIONAL TOLERANCE (+0.00/-0.50mm)

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	JB	10/09/2019
APPROVAL	ST	10/09/2019

COPYRIGHT © 2020 BY THORLABS

VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
www.thorlabs.com

LASER LINE GENERATING LENS, 45° FAN ANGLE

MATERIAL	REV
N-SF6	B

ITEM #	APPROX WEIGHT
LGL145	0.5 g