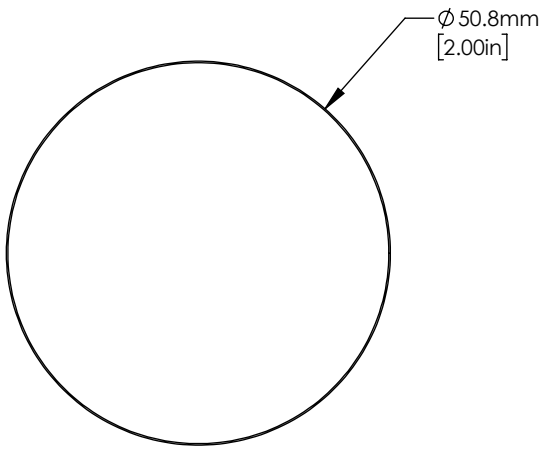
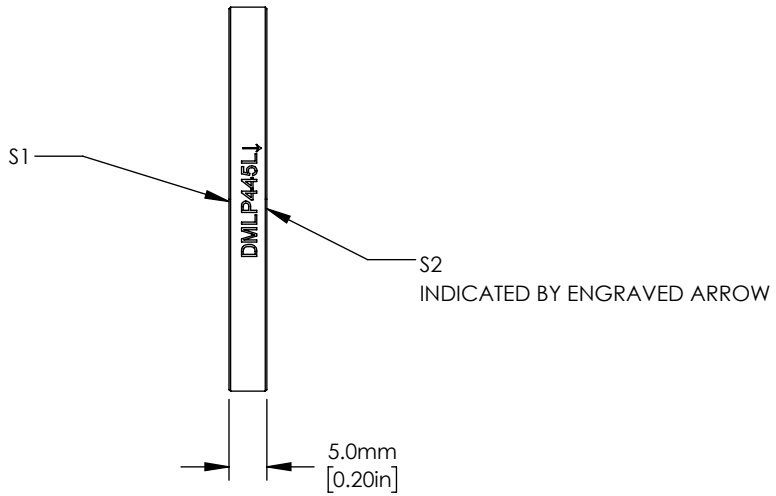




NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: ≥Ø45.7 mm
2. SURFACE QUALITY (S1, S2): 40-20 SCRATCH-DIG
3. TRANSMITTED WAVEFRONT ERROR: <λ/4 AT 633 nm
4. PARALLELISM: <3 arcmin
5. DIAMETER TOLERANCE: +0.0/-0.2 mm
6. THICKNESS TOLERANCE: ±0.1 mm
7. FILTER COATING (S1):
   REFFLECTION BAND (R): >95% AVERAGE, >90% ABSOLUTE 380-430 nm
   TRANSMISSION BAND (T): >90% AVERAGE, >85% ABSOLUTE 455-800 nm
   45° AOI
8. AR COATING (S2):
   R: <2% ABSOLUTE 455-800 nm
   45° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	MG	01/AUG/24
APPROVAL	NI	19/DEC/24

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
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Ø50.8 mm LONGPASS DICHROIC MIRROR 445 nm

MATERIAL	REV
UV GRADE FUSED SILICA	A

ITEM #	APPROX WEIGHT
DMLP445L	20 g