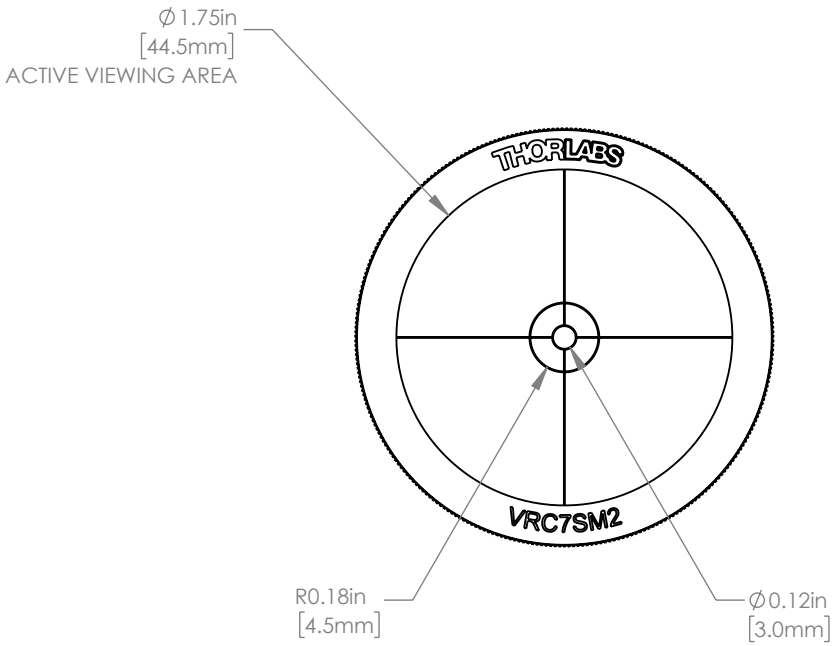
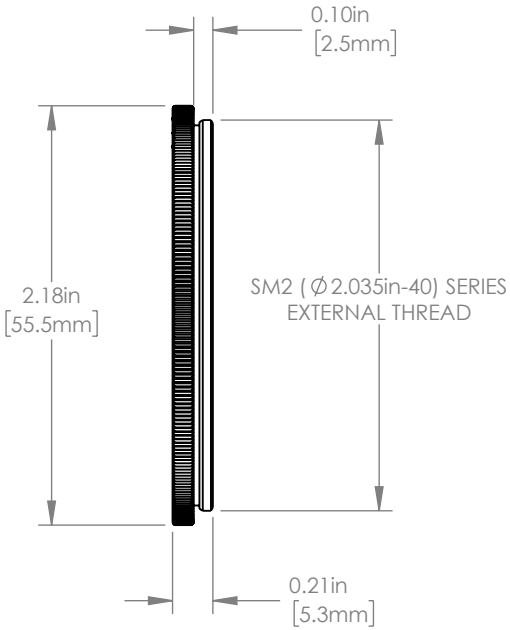
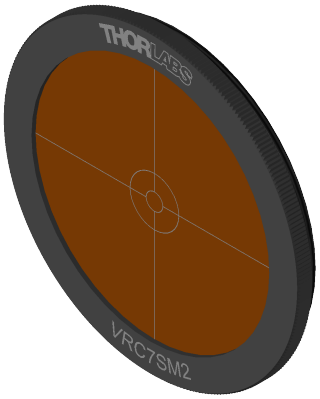






SCALE 1:1

NOTES/SPECIFICATIONS:

1. DESCRIPTION: NIR FLUORESCING ALIGNMENT DISK IN EXTERNALLY SM2-THREADED HOUSING
2. ACTIVE REGION: Ø1.75" (Ø44.5 mm)
3. PHOSPHOR TYPE: STORAGE PHOSPHOR
4. CHARING REQUIRED: YES
5. ABSORBTION BAND: 440 – 560 nm CHARGING, 700 – 1400 nm STIMULATION
6. EMISSION BAND: 550 - 700 nm
7. PEAK EMISSION: 645 nm
8. DAMAGE THRESHOLD SINGLE PULSE 7 ns: 35 MW/cm² @ 1064 nm (ESTIMATED)
9. HOUSING MATERIAL: ALUMINUM

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	TA	21/JUN/25
APPROVAL	RH	21/JUN/25

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

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SM2 NIR ALIGMENT DISK
(700 - 1400 nm)

MATERIAL	REV
N/A	A

ITEM #	APPROX WEIGHT
VRC7SM2	12 g