

1. S1 coating specifications (Clear Aperture)

1.1 central wavelength 810 nm

1.2 full bandwidth 772 – 848 nm

1.3 angle of incidence  $AOI = 45\pm1^{\circ}$ 

1.8 GDD p < 60fs2 for 772 - 848 nm

1.9 |GDD|s < 60fs2 for 760 - 860 nm

1.13 Suitable for ultasonic cleaning

2.4 S-D per MIL-PRF-13830B 30-10

2.1 flatness P-V < 100 nm (power removed)

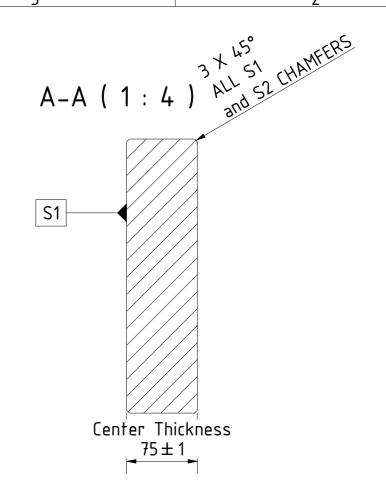
2.2 flatness RMS < 25 nm (power removed)

2. S1 surface after coating

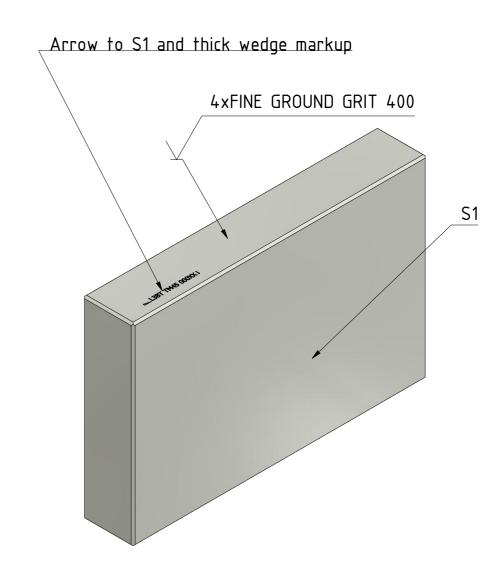
2.3 flatness P-V < 350 nm

3 S2 coating

3.1 uncoated



S1 and S2 chamfers polished to no visible gray



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Drawn by: DK	Projection	Scale	Sheet size	Dwg. title	
Checked by:		1:4	Δ2	L3BT TM45 coat	ina l'
Date:		"-	/ \ _	בייון ושפט	"'9
Material: UV Fused Silica		All dimensions in mm		Dwg. no.	Rev.
Raw mat.:		Tolerance: ISO2768-mk		00265452	D
Weight:		Note:		Eli no.:	Sheets 1 of 1