



Clear aperture (CA): >93% of physical aperture
Surface figure over CA: <200nm PV including power
Surface finish over CA: S/D 40/20 before coating, S/D 60/40 after coating
A/R coating on both surfaces: Rmax<0.6% over 760-900 nm angle 5-40 deg

Material: glass N-BK7 or equivalent
Parameters over clear aperture:
Refractive index grade: 3
Abbe value grade: 3
Homogeneity: +/-5 ppm (H2)
Bubbles and inclusions: VB (goal)
Striae: VS1 (goal)

Bevels/chamfers: <2 mm, 45 deg
Untolerated surfaces: ground
Note: dimensional tolerances may be relaxed to save on costs.

Specify values in offer if goals cannot be met

Designed by T. Oliva	Checked by	Approved by	Date	Date 6/24/2018	
INAF-OAA			MOONS HR-I prism BK7		
			Edition	Sheet 1 / 1	