



asphericon

ALL25-50-U-U-780



Product no.: 010119-00

Price:

from 421,00 EUR

19 % VAT plus. excl. Shipping costs

(https://www.asphericon.com/shop/popup_content.php?coID=1)

Options:

Coating: Uncoated , Coating A (400 nm - 600 nm) , Coating B (600 nm - 1050 nm) , Coating C (1000 nm - 1600 nm)

asphericon ALL25-50-U-U-780 aspheres are high performance aspheric lenses in asphericon quality ($\text{RMSi} < 0.1 \mu\text{m}$). They combine the efficiency and the quality of precision-manufactured aspheres with the cost advantage of mass-production. Aspheres based on CNC grinding and polishing manufacture fulfill the highest requirements in terms of quality and tolerances.

Looking for this lens with ultra-precise surface qualities of up to $\text{RMSi} < 0.015 \mu\text{m}$? They are also available from stock. Request your individual offer now!

Product Features

Material

N-BK7

Diameter [mm]	25.0
Diameter tolerance [mm]	+0/-0.05
EFL [mm]	50.0
NA	0.23
f/d	2.0
Working distance WD [mm]	46.0
Design wavelength [nm]	780
RMSi [nm]	100
Wavefront RMS [nm]	≤ 51
Edge thickness Te [mm]	2.9
Center thickness Tc [mm]	6.0
Clear Aperture CA (col) [mm]	23.0
Clear Aperture CA (foc) [mm]	22.0
Surface Imperfections [Scratch/Dig]	60 - 40
Laser induced damage threshold	12 J/cm ² , 100 Hz, 6 ns, 532 nm
RoHS compliance	yes



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