



OPTICAL SURFACES LTD

Godstone Road, Kenley, Surrey, CR8 5AA, England
Tel: 44-(0)208-668-6126. Fax:44-(0)208-660-7743
E-mail: sales@optisurf.com Web: www.optisurf.com

Company: ELI Beamlines
To: Daniel Kramer
From: Aris Kouris

Our ref: Q8833a
Date: 19th July 2019
Page: 1 of 1

Ref: emails dated between the 26th June and 18th July 2019.

We are pleased to quote as follows:

1. OAP:	
Drawing:	OAP 5180 B-2.pdf (for reference only, not for production – see note below)
Size:	95mm x 95mm ± 0.25 mm with 2mm cropped Corners - see drawing
Clear Aperture:	78mm x 78mm minimum
Edge thickness:	23mm ± 0.5 mm – agreed variation from drawing
Chamfers:	1mm x 45°
Back and edges:	Fine smoothed
Focal Length:	2800mm ± 14 mm ($\pm 0.5\%$)
Off axis distance:	244.5mm ± 7.5 mm
Off axis angle:	5° ($\pm 0.25^\circ$)
Surface Accuracy:	$\lambda/8$ P-V @ 633nm / smooth – see Note below
Slope errors:	$\lambda/25$ /cm RMS at 633nm
Microroughness:	<1nm RMS, typical but not measured since there is an associated additional cost. Also see Historical data on email sent with this quote.
Surface Quality:	20/10
Material:	Fused quartz (TSC3 from Heraeus)
Coating:	None
Marking:	Sandblast “OAP 5180 #2” and an arrow pointing to S1 see drawing for position.
Quantity:	2 off (or 1 off)
Price:	£5,270 each
Delivery:	14 weeks for 1 st and 14-16 weeks for 2 nd

Packing:

Supplied in a PET-G container from Optics Packaging.

Total Price: £200 (for 2 off)

Note: We will not be using your drawing to derive manufacturing specification but the ones defined within this quotation. We are confident that the end result will be more than satisfactory for your requirement.

Price excludes VAT, carriage and insurance. All quotes are valid for 60 days.
Regards,

Aris Kouris
Executive Director Sales