



OPTICAL SURFACES LTD

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Company: ELI - Beamlines **Our Ref:** Q9190b
To: Alamgir Mondal **Date:** 9th March 2022
From: Aris Kouris **Page:** 1 of 2

Ref: emails dated between the 29th October 2021 and 9th March 2022.

We are pleased to quote as follows:

1. Manufacturing: Wedge 130

This item is only for the manufacture of Wedge 130 (without coating)

Drawing: wedge 130_specs_final.pdf
Diameter: 130mm +0/-0.25mm
Clear aperture: dia: 123.5mm to dia: 30mm (around hole)
– both sides
Wedge: 4° +0.1°/-0°
Centre thickness: 13.0mm ±0.1mm
Hole: Not at this stage, please item 2 below
Chamfers: 0.5mm x 45°
Material: Corning 7980 Grade 0/D

Side 1 (S1)

Surface flatness (slopes): λ/10 P-V per inch @ 633nm
Surface quality: 20/10
Coating: Uncoated

Side 2 (S2 - wedge)

Surface flatness (slopes): λ/6 P-V per inch @ 633nm
Surface quality: 40/20
Coating: None at this stage, please see item 3 below
Quantity: 1 off

Price: £2,850
Delivery: 14 weeks

2. Drilling of hole dia: 20mm at 45 degrees:

This item is only for the drilling of the hole in the manufactured Wedge 130 as described in item 1.

Hole: dia: 20mm +0.25/-0mm at 45° ±0.05° *

Price: £1,250
Delivery: same as Item 1 above (14 weeks)

Note: * Tolerance deviation from drawing.

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3. Coating: Wedge 130

This item is for coating (side S2 only) of the manufactured Wedge 130 as described in items 1 and 2:

Coating: AR coating on side S2 only,
AOI = 45°, P-polarised
Wavelength range 750nm -850nm
Rp average < 0.3% 750-850nm, please see
attached theoretical curve.

Price: **£2,760**

Delivery: 2 weeks extra

Prices exclude VAT, carriage, packing and insurance. All quotes are valid for 60 days.

Regards,



Aris Kouris
Executive Director Sales