Capabilities

Caesium iodide prisms

The most frequently requested specifications for caesium iodide prisms are as follows:

Length of hypotenuse	up-to 30 ± 0.1mm
Length of sides	up-to 30 ± 0.1mm
Thickness	30 ± 0.05mm
Angle tolerance	better than 1 arc minute
Edge finish	ground, blacked
Clear aperture	90% of entrance dimensions
Chamfer	0.3x0.3@45°
Form error	1 fringe from test flat
Surface quality	40-20 scratch/ dig

Coatings

BBAR coating @ 2-14µm Diamond-Like Carbon coating (DLC) @2-14µm

Our capabilities are always expanding so if your requirement is not mentioned above please enquire as we have many years of experience in this field.

Contact our multilingual technical sales team and discover how Knight Optical's high quality caesium iodide prism capabilities and service can improve your instrumentation and supply chain experience.

KO BRINGING QUALITY INTO FOCUS







9

KNIGHT OPTICAL

www.knightoptical.com info@knightoptical.com usasales@knightoptical.com

Knight Optical (UK) Limited (and Knight Optical USA LLC. Whilst every effort has been made to verify the information and data, Knight Optical can take no responsibility for its accuracy. All content on this page is protected under the Copyright, Designs and Patents Act 1988 and the Copyright (b is owned by Knight Optical (UK) Limited 2011-2015. All rights are reserved. Reproduction of any content, by any means, without the express permission of the owner is prohibited by law. The KNIGHT OPTICAL name and/or mark and KO KNIGHT OPTICAL LOGO are the trademarks of Knight Optical (UK) Limited. Knight Optical (UK) Lid is an ISO registered company.