

TECHSPEC<sup>®</sup> 50.8mm Dia. High Performance Glass Linear Polarizer



Stock **#66-183** 20+ In Stock

-

1

+

£210<sup>40</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | £210.40 each                  |
| Qty 6-25       | £168.56 each                  |
| Need More?     | <a href="#">Request Quote</a> |

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Linear Polarizer

Type:

Physical & Mechanical Properties

50.80

Diameter (mm):

2.00 ±0.2

Thickness (mm):

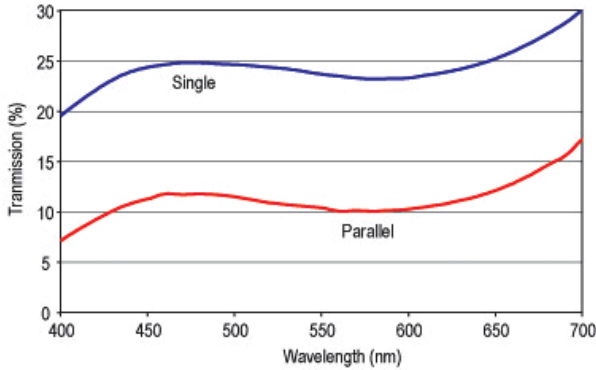
|                                          |                             |
|------------------------------------------|-----------------------------|
| <4                                       | Parallelism (arcmin):       |
| +0.0/-0.2                                | Dimensional Tolerance (mm): |
| Dichroic Polarizing Film between Glass   |                             |
| Construction:                            |                             |
| Optical Properties                       |                             |
| AR: R <sub>avg</sub> <0.5% @ 400 - 700nm | Coating:                    |
| 10,000:1                                 | Extinction Ratio:           |
| Polymer Film between <b>B270</b>         |                             |
| Substrate: <input type="checkbox"/>      |                             |
| 25 (for random polarization)             | Transmission (%):           |
| ±2                                       | Transmission Tolerance (%): |
| 400 - 700                                | Wavelength Range (nm):      |
| <1λ (typical)                            | Surface Flatness (P-V):     |
| ±2                                       | Polarization Axis Mark (°): |
| Environmental & Durability Factors       |                             |
| -25 to +65                               | Operating Temperature (°C): |
| Regulatory Compliance                    |                             |
| Compliant                                | RoHS 2015:                  |
| Compliant                                | Reach 224:                  |
| View                                     | Certificate of Conformance: |

## Product Details

- 10,000:1 High Extinction Ratio for 400 - 700nm
- Polarization Axis is Reference Marked
- Anti-Reflection Coated to Mnimize Reflection Loss

TECHSPEC® High Performance Glass Linear Polarizers offer a high extinction ratio and are available in a range of sizes. A single polarizer transmits about 25% of randomly polarized incident light from 400 – 700nm. The glass substrate is anti-reflection (AR) coated to minimize loss of light due to reflection. TECHSPEC® High Performance Glass Linear Polarizers are ideal for a broad range of industrial and laboratory applications. These glass polarizers are offered in diameters ranging from 6.25mm to 50.80mm.

## Technical Information



## Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

