

[All Products](#) / [Optics](#) / [Prisms](#) / [Dispersion Prisms](#)
**TECHSPEC® 30° - 60° - 90° Littrow Dispersion Prisms**

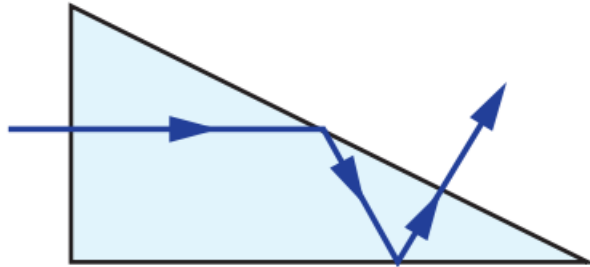

- Ray Deviation of 60° If Coated
- Ideal as a Dispersion Prism if Uncoated
- Right Handed Image

## Common Specifications

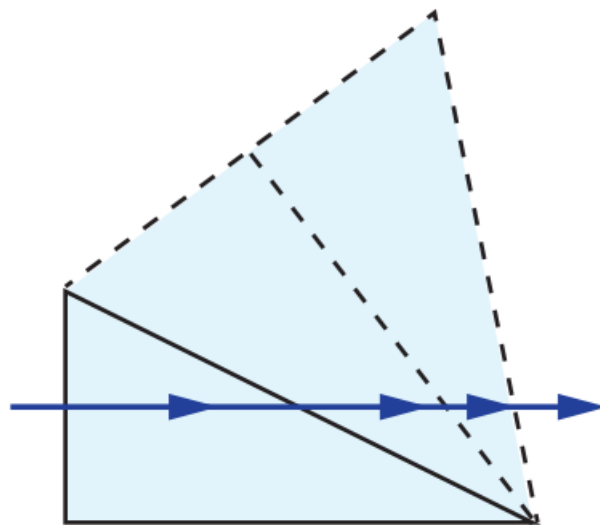
### Physical & Mechanical Properties

|                                               |                                        |
|-----------------------------------------------|----------------------------------------|
| <b>Dimensional Tolerance (mm):</b> ±0.13      | <b>Bevel:</b> Protective as needed     |
| <b>Optical Properties</b>                     |                                        |
| <b>Substrate:</b> <a href="#">N-BK7</a>       | <b>Surface Quality:</b> 80-50          |
| <b>Angle Tolerance (arcmin):</b> ±10          | <b>Image Orientation:</b> Right-Handed |
| <b>Ray Deviation (°):</b> 60                  | <b>Power (fringes) @ 632.8nm:</b> 3.00 |
| <b>Irregularity (fringes) @ 632.8nm:</b> 1.00 |                                        |

## Technical Information



Littrow Dispersion Prism Ray Path



Littrow Dispersion Prism Tunnel Diagram

## Products

| Length<br>(mm) | Coating                            | Substrate             | Stock<br>Number         | Price                                    | Buy          |
|----------------|------------------------------------|-----------------------|-------------------------|------------------------------------------|--------------|
| 12.70          | Protected Aluminum<br>(400-2000nm) | <a href="#">N-BK7</a> | <a href="#">#43-672</a> | £70.47<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 12.70          | Uncoated                           | <a href="#">N-BK7</a> | <a href="#">#43-648</a> | £56.91<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 22.00          | Protected Aluminum<br>(400-2000nm) | <a href="#">N-BK7</a> | <a href="#">#43-673</a> | £77.48<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 22.00          | Uncoated                           | <a href="#">N-BK7</a> | <a href="#">#43-649</a> | £63.91<br><a href="#">Volume Pricing</a> | 20+ In Stock |



Copyright 2023 | Edmund Optics, Ltd Unit 1, Opus Avenue, Nether Poppleton, York, YO26 6BL, UK  
Phone: 1-800-363-1992 :  
[www.edmundoptics.com](http://www.edmundoptics.com)