

# 90° 355nm Crystalline Quartz Polarization Rotator



Crystalline Quartz Polarization Rotators

Stock **#34-310** CLEARANCE 3-4 DAYS

⊖ 1 ⊕

€304,95

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Qty 1+

€304,95

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**Clear Aperture CA (mm):**  
>18.0

**Coating:**  
R<sub>avg</sub> <0.2% per surface

**Design Wavelength DWL (nm):**  
355

**Diameter (mm):**  
25.40

|                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------|
| <div>Substrate: <input type="checkbox"/></div> <div>Crystalline Quartz</div>                                          |
| <div>Length (mm):</div> <div>25.40</div>                                                                              |
| <div>Surface Quality:</div> <div>20-10</div>                                                                          |
| <div>Type:</div> <div>Polarization Rotator</div>                                                                      |
| <div>Construction:</div> <div>Crystalline</div>                                                                       |
| <div>Transmitted Wavefront, P-V:</div> <div><math>\lambda/8</math> @ 633nm</div>                                      |
| <div>Parallelism (arcsec):</div> <div>&lt;10</div>                                                                    |
| <div>Mount Thickness (mm):</div> <div>6.0</div>                                                                       |
| <div>Damage Threshold, By Design: <input type="checkbox"/></div> <div><math>&gt;10 \text{ J/cm}^2</math> @ 10ns</div> |
| <div>Width (mm):</div> <div>6.00</div>                                                                                |
| <div>Polarization Rotation:</div> <div>90° (clockwise)</div>                                                          |
| <div>Rotational Accuracy:</div> <div>&lt;5 arcmin</div>                                                               |
| <div>Mount:</div> <div>Black Anodized Aluminum</div>                                                                  |

## Regulatory Compliance

|                                                        |
|--------------------------------------------------------|
| <div>RoHS 2015:</div> <div>Compliant</div>             |
| <div>Reach 224:</div> <div>Compliant</div>             |
| <div>Certificate of Conformance:</div> <div>View</div> |