

830nm, $\lambda/2$ Precision Zero Order Retarder



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1

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C\$931.00

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Clear Aperture CA (mm):
10.16

Design Wavelength DWL (nm):
830

Diameter (mm):
25.40

Substrate: ☐ Polymer Film on N-BK7
Operating Temperature (°C): -20 to +50
Reflection (%): 0.5
Retardance: $\lambda/2$
Surface Quality: 40-20
Thickness Tolerance (mm): ± 0.508
Type: Polymer Waveplate
Dimensional Tolerance (mm): ± 0.127
Construction: Birefringent Polymer Stack
Transmitted Wavefront, RMS: $\leq \lambda/5$ @ 632.8nm
Retardance Tolerance: $\lambda/350$
Beam Deviation (arcmin): 1.00
Mount Thickness (mm): 6.35
Damage Threshold, By Design: ☐ 500 W/cm²
Retardance Order: 0

Regulatory Compliance

RoHS 2015: Compliant
Reach 209: Compliant
Certificate of Conformance: View