

20mm Dia. x 17.5mm FL, MgF<sub>2</sub> Molded Aspheric Condenser Lens



Molded Aspheric Condenser Lenses

Stock **#35-063** ☐ In Stock

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1



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Diameter (mm):  
20.00 +/-0.3

Effective Focal Length EFL (mm):  
17.50 @ 587.6nm

Numerical Aperture NA:  
0.57

|                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Back Focal Length BFL (mm):</b><br>12.40                                                                                      |
| <b>Substrate:</b> <br><a href="#">Liba2000+</a> |
| <b>Focal Length Tolerance (%):</b><br>±7                                                                                         |
| <b>Coating:</b><br>MgF <sub>2</sub> (400-700nm)                                                                                  |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤ 1.75% @ 400 - 700nm                                                          |
| <b>Centering (arcmin):</b><br>≤30                                                                                                |
| <b>Surface Quality:</b><br>5/3 x0.4; E 0.2                                                                                       |
| <b>Clear Aperture CA (mm):</b><br>16.00                                                                                          |
| <b>Edge Thickness ET (mm):</b><br>2.3                                                                                            |
| <b>Center Thickness CT (mm):</b><br>8.30 +/-0.20                                                                                 |
| <b>f/#:</b><br>0.88                                                                                                              |
| <b>Bevel:</b><br>Protective bevel as needed                                                                                      |
| <b>Diameter of Asphere (mm):</b><br>20.0                                                                                         |
| <b>Radius R<sub>2</sub> (mm):</b><br>117.5                                                                                       |
| <b>Shape of Back Surface:</b><br>Convex                                                                                          |
| <b>Type:</b><br>Condenser Lens                                                                                                   |
| <b>Wavelength Range (nm):</b><br>400 - 700                                                                                       |
| <b>Conjugate Distance:</b><br>Infinite                                                                                           |
| <b>Note:</b><br><a href="#">Click here</a> for more information on the ISO 10110 surface quality specification.                  |

Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 235:</b><br><a href="#">Compliant</a>             |