

## 12.5" Diameter, 8.4" Focal Length, Fresnel Lens



Aspherically Contoured Fresnel Lenses

Stock **#46-391** 3-5 DAYS



1



A\$358.40

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Diameter (mm):

317.50

Effective Focal Length EFL (mm):

213.36

Substrate: ☐

Acrylic

Coating:

|                                                     |
|-----------------------------------------------------|
| Uncoated                                            |
| <b>Type:</b><br>Fresnel Lens                        |
| <b>Wavelength Range (nm):</b><br>400 - 1100         |
| <b>Center Thickness CT (inches):</b><br>0.09        |
| <b>Diameter (inches):</b><br>12.5                   |
| <b>Dimensional Tolerance (inches):</b><br>±0.05     |
| <b>Effective Diameter (inches):</b><br>12.0         |
| <b>Effective Focal Length EFL (inches):</b><br>8.40 |
| <b>Groove Density (grooves/inch):</b><br>50.00      |
| <b>Index of Refraction n<sub>d</sub>:</b><br>1.49   |
| <b>Operating Temperature (°C):</b><br>80 (Maximum)  |
| <b>Thickness Tolerance (%):</b><br>±40              |
| <b>Transmission (%):</b><br>85 (Typical)            |

### Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 224:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |