

3.0" x 3.0", FL 2.2", IR Fresnel Lens



Infrared (IR) Fresnel Lenses

Stock #43-796 3-4 DAYS

⊖ 1 ⊕ **£28.47**

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Qty 1-10

£28.47

Qty 11+

£24.65

Volume Pricing

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⚠ Prices shown are exclusive of VAT/local taxes

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Effective Focal Length EFL (mm):
55.88

Substrate: ☐
PolyIR

Coating:
Uncoated

Type: Fresnel Lens
Wavelength Range (nm): 8000 - 14000
Center Thickness CT (inches): 0.02
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 11 - 13
Dimensions (inches): 3.0 x 3.0
Dimensions (mm): 76.2 x 76.2
Effective Diameter (inches): 2.5
Effective Focal Length EFL (inches): 2.20
Flexural Modulus (psi): (100-260) x 10 ³
Groove Density (grooves/inch): 125.00
Index of Refraction n_d: Visible (Sodium D Line): 1.52 8-14µm: 1.53 15µm+: 1.48
Operating Temperature (°C): 100.00
Shore Hardness: D60-70
Wavelength Range (µm): 8 - 14
Young's Modulus (GPa): 0.40 - 1.24

Regulatory Compliance

RoHS 2015: Compliant
Reach 224: Compliant
Certificate of Conformance: View