

2.3" x 2.3", FL 1.2", IR Fresnel Lens



Infrared (IR) Fresnel Lenses

Stock **#32-798** 10 TO 12 DAYS

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+

₹2,915.00

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Qty 1-10
₹2,915.00
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Effective Focal Length EFL (mm): 30.48
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): 2.3 x2.3
Dimensions (mm): 58.42 x58.42
Effective Diameter (inches): 2.0
Effective Focal Length EFL (inches): 1.20
Flexural Modulus (psi): (100-260) × 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