

Optotune Low Dispersion, NIR Coated, Electrically Focus Tunable Lens | EL-10-30-TC-NIR-12D

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Substrate: Low Dispersion Polymer

Coating: BBAR (700-1100nm)

Type: Specialty Lens

Wavelength Range (nm):

700 - 1100
Abbe Number (v_d): 100.00
Clear Aperture CA (mm): 10.0
Current (mA): 0 - 250, 400 abs. max
Focus Range: +8.3 to +20 diopter +55 to +120mm
Index of Refraction n_d: 1.300
Lifecycles: >1,000,000,000
Model Number: EL-10-30-TC-NIR-12D
Outer Diameter (mm): 30.0
Power Consumption (W): 0 - 0.9 (0 - 2 abs. max)
Response Time (ms): 2.5 (10%-90% step)
Thickness (mm): 10.70
Transmitted Wavefront Error, RMS: Vertical: 0.2 λ @ 525nm Horizontal: 0.5 λ @ 525nm
Damage Threshold, By Design: ☐ 10 kW/cm ² @ 1064nm

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View