

Optotune -2 to +3 Diopter, M42 x 1.0 to M42 x 1.0 Focus Tunable Lens | EL-16-40-TC-VIS-5D-M42

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Substrate: ☐
Low Dispersion Polymer

Coating:
BBAR (420-950nm)

Type:
Specialty Lens

Wavelength Range (nm):
420 - 950

Abbe Number (v_d): 100.00
Clear Aperture CA (mm): 16.00
Current (mA): -250 to 250
Dimensions (mm): 47.0 x 70.0
Driver: #88-940
Focus Range: -2 to +3 diopter -500 to +333mm
Index of Refraction n_d: 1.3
Lifecycles: 1,000,000,000
Model Number: EL-16-40-TC-VIS-5D-M42
Mounting Threads: M42 x 1.0 (Male) M42 x 1.0 (Female)
Operating Temperature (°C): -20 to +65
Power Consumption (W): 0 - 0.7
Response Time (ms): 5 (typical @ 30°C)
Settling Time (ms): 25 (typical @ 30°C)
Thickness (mm): 30.10
Transmitted Wavefront Error, RMS: Vertical: 0.25λ @ 525nm Horizontal: 0.50λ @ 525nm

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View