

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

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Stock #34-970 3-4 DAYS

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1

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£531.25

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Substrate:

Low Dispersion Polymer

Coating:

BBAR (400-700nm)

Type:

Specialty Lens

Wavelength Range (nm):

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

Regulatory Compliance

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