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# Optotune +5 to +10 diopters, NIR, Optotune Industrial Focus Tunable Lens | EL-10-30-CI-NIR-LD

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+5 to +10 diopters, MS, Optotune Industrial Focus-Tunable Lens

Stock **#88-938** CLEARANCE **2 In Stock**

€675<sup>00</sup>

**ADD TO CART**

#### Volume Pricing

Qty 1+	€675,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

#### Product Downloads

#### General

Specialty Lens

Type:

[#88-940](#)

Driver:

>1,000,000,000

Lifecycles:

EL-10-30-Ci-NIR-LD	<b>Model Number:</b>
2.5 (10%-90% step)	<b>Response Time (ms):</b>
<b>Physical &amp; Mechanical Properties</b>	
10.00	<b>Clear Aperture CA (mm):</b>
48.0 x 30.5	<b>Dimensions (mm):</b>
20.60	<b>Thickness (mm):</b>
<b>Optical Properties</b>	
Low Dispersion Polymer	<b>Substrate:</b> <input type="checkbox"/>
BBAR (700-1100nm)	<b>Coating:</b>
700 - 1100	<b>Wavelength Range (nm):</b>
100.00	<b>Abbe Number (<math>v_d</math>):</b>
+5 to +10 diopter +100 to +200mm	<b>Focus Range (mm):</b>
1.3	<b>Index of Refraction (<math>n_d</math>):</b>
<b>Transmitted Wavefront Error, RMS:</b> Vertical: 0.1 $\lambda$ @ 795nm Horizontal: 0.17 $\lambda$ @ 795nm	
10 kW/cm <sup>2</sup> @ 1064nm	<b>Damage Threshold, By Design:</b> <input type="checkbox"/>

<b>Electrical</b>	
0 - 250, 400 max	<b>Current (mA):</b>
0 - 0.9, (0 - 2 abs. max)	<b>Power Consumption (W):</b>

<b>Threading &amp; Mounting</b>	
C-Mount (Male/Female)	<b>Mounting Threads:</b>

<b>Regulatory Compliance</b>	
<a href="#">Compliant</a>	<b>Reach 174:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>

## Product Details

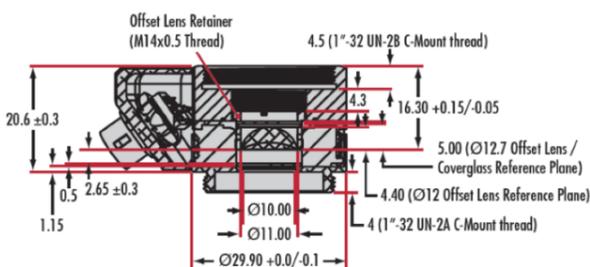
Hirose cables ([#88-941](#)) and Lens Driver ([#88-940](#)) sold separately. Prescription data is available to model the effect an offset lens has on overall focal range.

- Continuous Focusability
- Easy System Integration with C-Mount Threads and Offset Lens Feature
- Industrial Hirose Connection with Temperature Sensing
- [Optotune Focus Tunable Lenses 10mm Clear Aperture FPC Connector](#) and [Lens Drivers](#) Also Available

Optotune Focus Tunable Lenses 10mm Clear Aperture Hirose Connector combine our Optotune Electrically-Focus Tunable Lenses with C-Mount compatible housings to ease mechanical integration into imaging systems. By applying a control current to the lens via Hirose connection, Optotune Focus Tunable Lenses 10mm Clear Aperture Hirose Connector provide an adjustment range of +8 to +10 diopters. The ability to adjust focal length is ideal for replacing multi-lens focus or zoom systems. To shift the focal range, use any 12mm plano-convex (PCX) or plano-concave (PCV) lens with an edge thickness of less than 4.7mm as an offset lens. An Optotune Focus Tunable Lenses 10mm Clear Aperture Hirose Connector with a pre-mounted -150mm BK7 PCV lens is available for imaging applications.

**Note:** Hirose cables ([#88-941](#)) and Lens Driver ([#88-940](#)) sold separately. Prescription data is available to model the effect an offset lens has on overall focal range

## Technical Information



Units: mm

