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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**

€675⁰⁰

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

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

Threading & Mounting	
C-Mount (Male/Female)	Mounting Threads:

Regulatory Compliance	
Compliant	Reach 174:
View	Certificate of Conformance:

Product Details

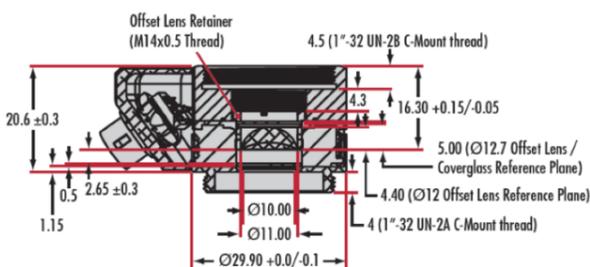
Hirose cables ([#88-941](#)) and Lens Driver ([#88-940](#)) sold separately. Prescription data is available to model the effect an offset lens has on overall focal range.

- 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

