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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 CONTACT US

⊖ 1 ⊕ ₹53,066

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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:**

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/cm² @ 1064nm **Damage Threshold, By Design:**

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:**

Switzerland **Country of Origin:**

Edmund Optics India Private Limited **Importer:**

Product Details

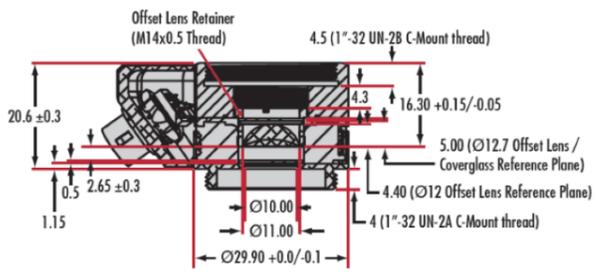
Hirose cables ([#88-941](#)) and Lens Driver ([#88-940](#)) sold separately. Prescription data is available to model the effect an offset lens has on overall focal range.

- 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 premounted -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