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|  | **EL-10-30-TC-VIS\*-12D** | **EL-10-42-OF-VIS\*** | **EL-16-40-TC-VIS\*** |
| Size (mm) | 30 X 9.7 | 42 X 36 | 40 X 11.9 |
| Clear aperture (mm) | 10 | 10 | 16 |
| Lens type | Plano convex | Plano convex + plano concave offset lens | Plano convex to plano concave |
| Focal lenght range (mm) | +50 to +120 | -500 to +500 | -500 to +333 (5D) -100 to +100 (20D) |
| Tuning range (dpt) | +8.3 to +20 | -1.8 to 0 to +1.8 | -2 to +3 (5D) -10 to +10 (20D) |
| Refractive index | 1.3 or 1.559 | 1.3 | 1.3 |
| Voltage (V) | 12C supply :  3.3 (nominal), 3.6 (maxmal) | Vcc : 3.3 | Digital circuitry Vcc : 3.3 |
| Control current with lens driver 4 (mA) | 0 to 250 | 385 (maximum) | -250 to +250 (nominal) |
| Temperature and sensor memory | yes | ND | yes |
| Response time (ms) | <2.5 | ND | 5 |
| Fully settled time (ms) | 15 at RT (0 to 200 mA) | ND | 25 ms (0 to 290 mA) |
| Wavefront error | <0.25/<0.6 | 0.25 @ 525 nm | ~0.25/~0.5 |
| Polarization | Preserving | ND | ND |
| Supplement informations | Recommended to operate above 10 mA |  | Settling time is reduced by up to 50% applying a low-pass filtered step signal as opposed to a rectangular step. Damp frequencies above 200 Hz range. |
|  | Use standard passive elements to attenuate oscillations (LC-circuit, cut-off frequency of 165 Hz), trado-off : response time increased to about 5 ms |  |  |
| \*VIS : 400 to 700 nm |  |  |  |

More info : <https://www.optotune.com/products/focus-tunable-lenses>