

	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 length 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 (maximal)	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	<p>Recommended to operate above 10 mA</p> <p>Use standard passive elements to attenuate oscillations (LC-circuit, cut-off frequency of 165 Hz), trade-off : response time increased to about 5 ms</p>		

*VIS : 400 to 700 nm

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