

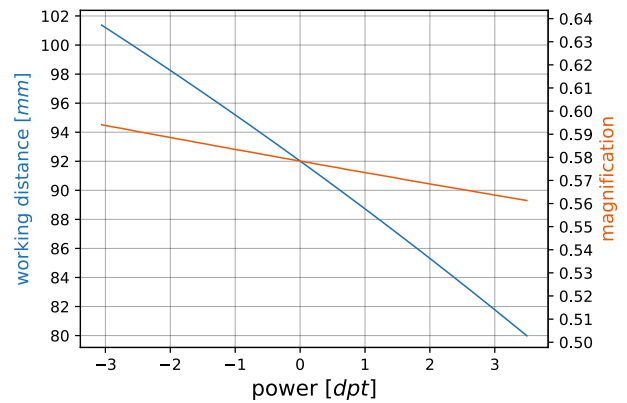
specifications

article number	S5VPJ2898
design wavelength [nm]	450-700
nominal magnification (+/-5%)	0.578
nominal working dist. [mm] (+/-2%)	92.0
object size [mm] at a chip size of [mm]	12.4 x 9.1 7.2 x 5.3 (1/1.8")
object size [mm] at a chip size of [mm]	15.2 x 11.4 8.8 x 6.6 (2/3")
object size [mm] at a chip size of [mm]	22.1 x 16.6 12.8 x 9.6 (1")
max. distortion [%]	0.47
max. telecentricity error [°]	<0.01
numerical aperture	0.030
WD at +3.0 dpt	81.7
magn. at +3.0 dpt	0.564
WD at -2.0 dpt	98.2
magn. at -2.0 dpt	0.589
weight [kg]	0.85
flange back distance [mm]	17.53
accessory (not included)	S5ZUB1640 (Optotune lens driver 4i), S5ZUB1641 (connection cable 6pin Hirose, 100 cm)

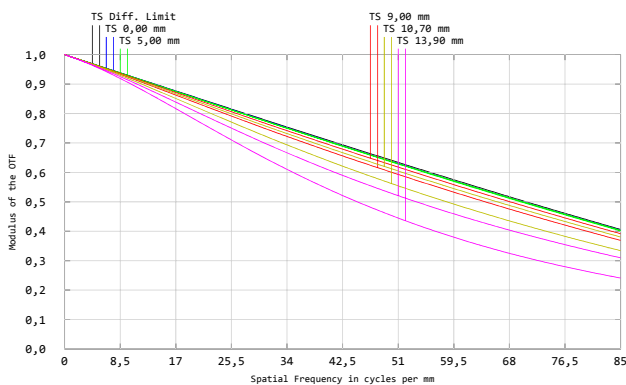
electrical specs

nominal optical power	-2.0 to +3.0 dpt
response time	5 ms
settling time	25 ms
nominal control current	-250 to +250 mA
nominal power consumption	0 to 0.7 W
lifecycles	> 1,000,000,000
operating temperature	-20 to +65 °C
storage temperature	-40 to +85 °C

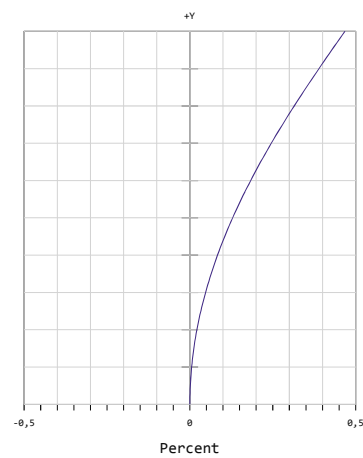
Detailed electrical specification, absolute control current and customized control datasheet: optotune.com



MTF for various object heights for 586 nm at 92.0 mm



Distortion for 586 nm at 92.0 mm



T. tangential S. sagittal x = distortion y = field size

graphs and data given by design.