

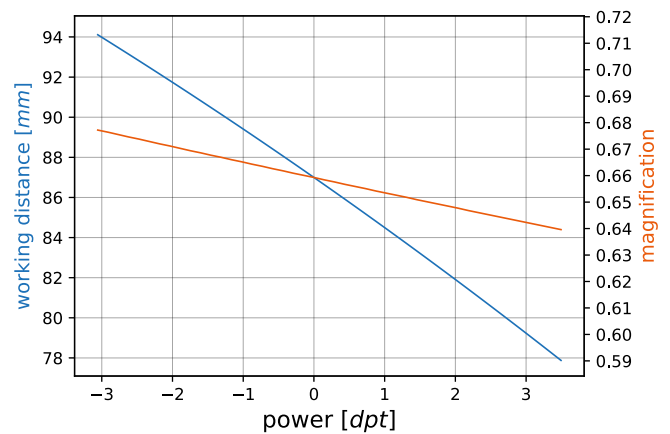
specifications

article number	S5VPJ1560
design wavelength [nm]	450-700
nominal magnification (+/-5%)	0.659
nominal working dist. [mm] (+/-2%)	87.0
object size [mm] at a chip size of [mm]	5.4 x 4.2 3.6 x 2.8 (1/4")
object size [mm] at a chip size of [mm]	7.2 x 5.4 4.8 x 3.6 (1/3")
object size [mm] at a chip size of [mm]	9.7 x 7.2 6.4 x 4.8 (1/2")
max. distortion [%]	0.36
max. telecentricity error [°]	0.01
numerical aperture	0.03
WD at +3.0 dpt	79.2
magn. at +3.0 dpt	0.643
WD at -2.0 dpt	91.6
magn. at -2.0 dpt	0.671
weight [kg]	0.50
flange back distance [mm]	17.53
accessory (not included)	S5ZUB1640 (Optotune lens driver 4i), S5ZUB1641 (connection cable 6pin Hirose, 100 cm)

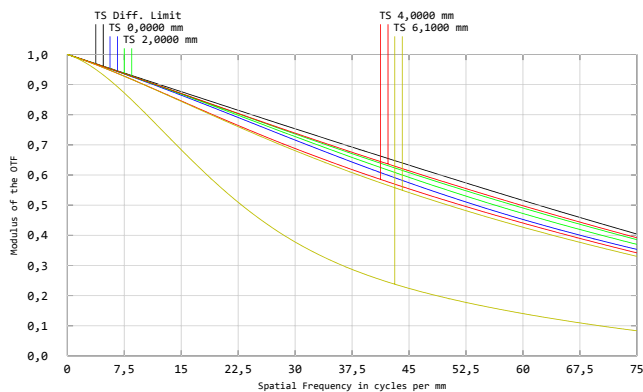
electronical specs

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



MTF for various object heights for 586 nm at 87.0 mm



T. tangential

S. sagittal

x = distortion

y = field size

graphs and data given by design.

Distortion for 586 nm at 87.0 mm

