

# DATA SHEET

## S5LPJ6835

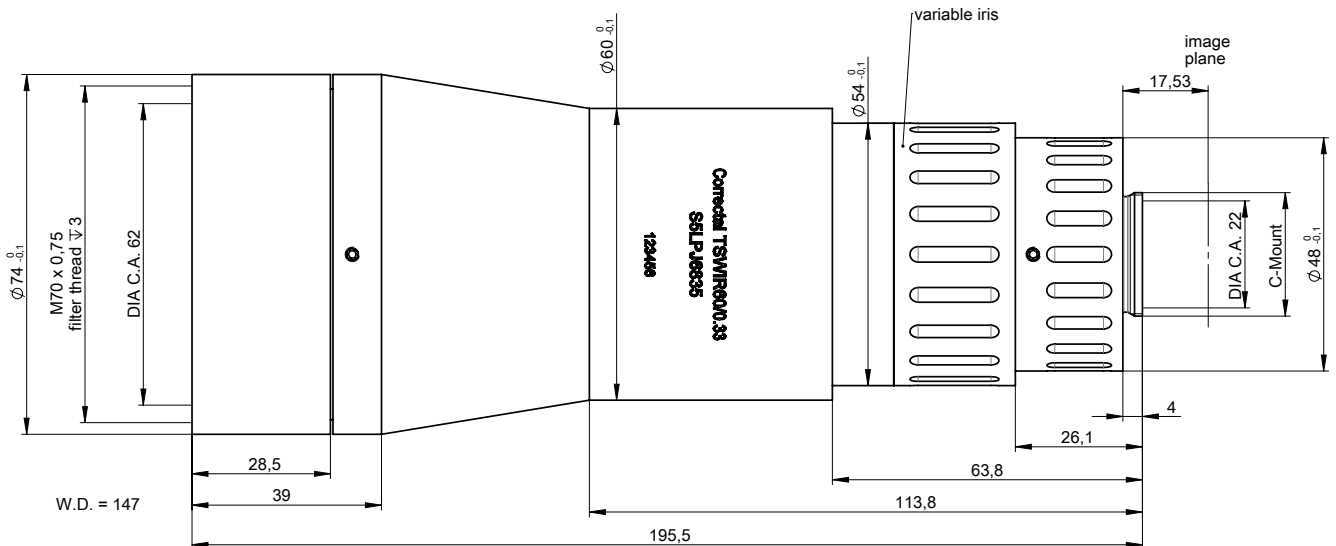
Correctal TSWIR60/0.33

900-1700nm

- standard telecentric lenses
- bi-telecentric
- with C-Mount
- variable iris (manual)



### outline drawing



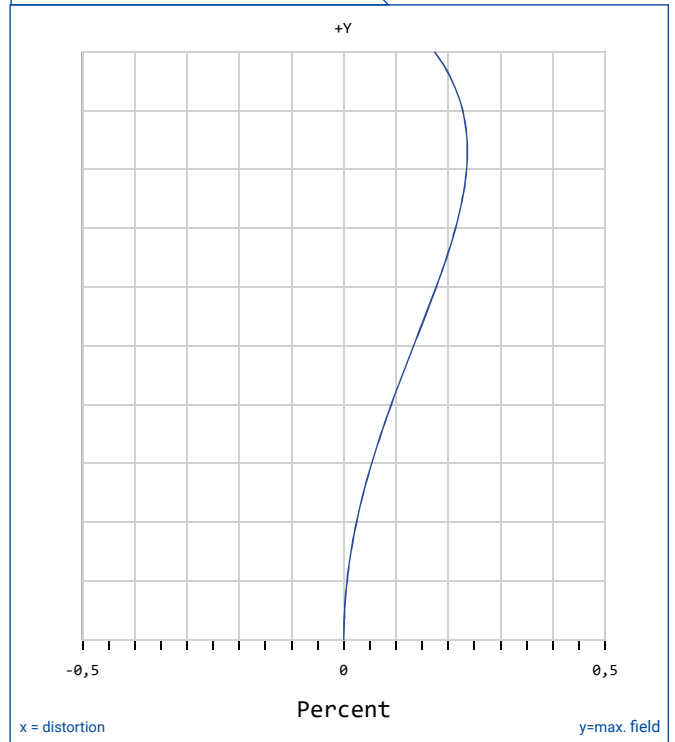
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## specifications

article number	S5LPJ6835
wavelength range [nm]	900 - 1700
design wavelength [nm]	900 - 1700
magnification (+/-5%)	0.330
working distance [mm] (+/-2%)	147.0
object size [mm] at a chip size of [mm]	21.8 x 16.1 7.2 x 5.3 (1/1.8")
object size [mm] at a chip size of [mm]	26.7 x 20.0 8.8 x 6.6 (2/3")
object size [mm] at a chip size of [mm]	38.8 x 29.1 12.8 x 9.6 (1")
max. telecentricity error [°]	0.02
recommended numerical aperture	0.030
max. distortion [%]	0.25
weight [kg]	1.0
flange back distance [mm]	17.53
accessory	S5SET0020/060

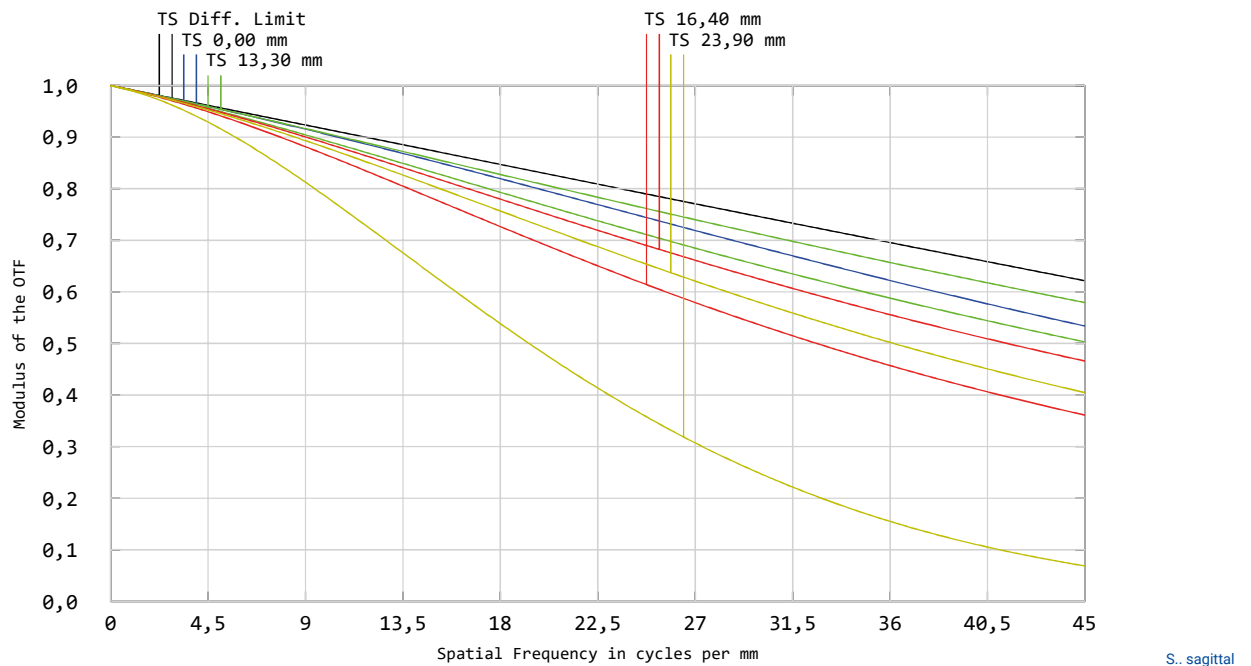
## Distortion for 900 - 1700 nm



## remarks

M70x0.75 filter thread

## MTF for various object heights at 900 - 1700 nm



T. tangential

S. sagittal

graphs and data given by design