

DATA SHEET S5LPJ3599

Correctal® TLC50/0.2 telecentric lens with c-mount







S5LPJ3599 Correctal® TLC50/0.2 telecentric lens with c-mount

Specifications	
part number	S5LPJ3599
magnification (+/-5%)	0.2
working distance [mm] (+/-2%)	89.0
max. object size [mm] at a chip size of [mm] distorsion [%]	24.0 x 18.0 4.8 x 3.6 (1/3") 0.05
max. object size [mm] at a chip size of [mm] distorsion [%]	32.0 x 24.0 6.4 x 4.8 (1/2") 0.09
max. object size [mm] at a chip size of [mm] distorsion [%]	36.0 x 26.5 7.2 x 5.3 (1/1.8") 0.1
max. object size [mm] at a chip size of [mm] distorsion [%]	44.0 x 33.0 8.8 x 6.6 (2/3") 0.15
numerical aperture	0.012
max. outside-Ø [mm]	60.0
length [mm] (+/-2%)	155.9
weight [kg]	0.4



T.. Tangential

MTF for various object heights

S.. Sagittal



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DATA SHEET

S5LPJ3299

Correctal® TLC50/0.5 telecentric lens with c-mount







S5LPJ3299 Correctal® TLC50/0.5 telecentric lens with c-mount

Specifications	
part number	S5LPJ3299
magnification (+/-5%)	0.5
working distance [mm] (+/-2%)	89.0
max. object size [mm] at a chip size of [mm] distorsion [%]	7.2 x 5.6 3.6 x 2.8 (1/4") 0.05
max. object size [mm] at a chip size of [mm] distorsion [%]	9.6 x 7.2 4.8 x 3.6 (1/3") 0.1
max. object size [mm] at a chip size of [mm] distorsion [%]	12.8 x 9.6 6.4 x 4.8 (1/2") 0.17
max. object size [mm] at a chip size of [mm] distorsion [%]	14.4 x 10.6 7.2 x 5.3 (1/1.8") 0.2
numerical aperture	0.03
max. outside-Ø [mm]	60.0
length [mm] (+/-2%)	155.9
weight [kg]	0.4



T.. Tangential

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DATA SHEET S5LPJ3399

Correctal® TLC50/0.33 telecentric lens with c-mount







S5LPJ3399 Correctal® TLC50/0.33 telecentric lens with c-mount

Specifications	
part number	S5LPJ3399
magnification (+/-5%)	0.33
working distance [mm] (+/-2%)	89.0
max. object size [mm] at a chip size of [mm] distorsion [%]	14.4 x 10.8 4.8 x 3.6 (1/3") 0.05
max. object size [mm] at a chip size of [mm] distorsion [%]	19.2 x 14.4 6.4 x 4.8 (1/2") 0.1
max. object size [mm] at a chip size of [mm] distorsion [%]	21.6 x 15.9 7.2 x 5.3 (1/1.8") 0.15
max. object size [mm] at a chip size of [mm] distorsion [%]	26.4 x 19.8 8.8 x 6.6 (2/3") 0.25
numerical aperture	0.016
max. outside-Ø [mm]	60.0
length [mm] (+/-2%)	155.9
weight [kg]	0.4



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Correctal® TLC50/0.25 telecentric lens with c-mount







S5LPJ3499 Correctal® TLC50/0.25 telecentric lens with c-mount

Specifications	
part number	S5LPJ3499
magnification (+/-5%)	0.25
working distance [mm] (+/-2%)	89.0
max. object size [mm] at a chip size of [mm] distorsion [%]	19.2 x 14.4 4.8 x 3.6 (1/3") 0.05
max. object size [mm] at a chip size of [mm] distorsion [%]	25.6 x 19.2 6.4 x 4.8 (1/2") 0.11
max. object size [mm] at a chip size of [mm] distorsion [%]	28.8 x 21.2 7.2 x 5.3 (1/1.8") 0.12
max. object size [mm] at a chip size of [mm] distorsion [%]	35.2 x 26.4 8.8 x 6.6 (2/3") 0.2
numerical aperture	0.014
max. outside-Ø [mm]	60.0
length [mm] (+/-2%)	155.9
weight [kg]	0.4



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