

5-20 MP telecentric lenses (SWK series)

LS-TC-SWK series · Telecentric lenses · 127 models



Models

Model	Mount	Magnification (x)	Working distance (mm)	Max sensor size (dia. mm)	Image-side F/#	Image-side MTF30 (lp/mm)	Theoretical depth of field (mm)
LS-S1WK5X260IR1050	C	5	29	16.0(1")	29	19	±0.05@F29
LS-S1-WK40X110W	C	4	110±2	16(1")	37.6	-	-
LS-S1-WK40X110WC-110	C	4	110±2	16(1")	37.6	-	-
LS-SWK2.7X110W	C	2.7	110	11.0(2/3")	18.4	50	±0.1@F18.4
LS-SWK2.7X110WC	C	2.7	110	11.0(2/3")	18.4	50	±0.1@F18.4
LS-S11WK4X100W	C	4.0	100	18.0(1.1")	26.5	>35	±0.07@F26.5
LS-S11WK4X100WC	C	4.0	100	18.0(1.1")	26.5	>35	±0.07@F26.5
LS-S11WK3.5X108W	C	3.5	108	18.0(1.1")	23.3	40	±0.08@F23.3
LS-S11WK3.5X108WC	C	3.5	108	18.0(1.1")	23.3	40	±0.08@F23.3
LS-S1-WK30X110W	C	3	110±2	16(1")	34.6	-	-
LS-S1-WK30X110WC	C	3	110±2	16(1")	34.6	-	-
LS-S1-WK30X65W	C	3	65±1	16(1")	20.9	-	-
LS-S1-WK30X65WC	C	3	65±1	16(1")	20.9	-	-
LS-S11WK3X110W	C	3.0	110	18.0(1.1")	20.1	>40	±0.09@F20.1
LS-S11WK3X110WC	C	3.0	110	18.0(1.1")	20.1	>40	±0.09@F20.1
LS-S11WK2.5X100W	C	2.5	100	18.0(1.1")	13.4	>55	±0.09@F13.4
LS-S11WK2.5X100WC	C	2.5	100	18.0(1.1")	13.4	>55	±0.09@F13.4
LS-S11WK2.5X70W	C	2.5	70	18.0(1.1")	13.5	>55	±0.09@F13.5
LS-S1-WK20X110W	C	2	110±2	16(1")	24.5	-	-
LS-S1-WK20X110WC	C	2	110±2	16(1")	24.5	-	-

LS-S1-WK20X65W	C	2	65±1	16(1")	15.9	-	-
LS-S1-WK20X65WC	C	2	65±1	16(1")	15.9	-	-
LS-S1-WK20X65WC-D28	C	2	65±1	16(1")	25.7	-	-
LS-S1-WK20X65WC-D40	C	2	65±1	16(1")	17.9	-	-
LS-S11WK20X110WCD40	C	2	110±2	18.0(1.1")	27.5	-	-
LS-S11WK2X110W	C	2.0	110	18.0(1.1")	13.5	>60	±0.14@F13.5
LS-S11WK2X110WC	C	2.0	110	18.0(1.1")	13.5	>60	±0.14@F13.5
LS-S1-WK15X135W	C	1.5	135	16(1")	23.1	-	-
LS-S11WK1.5X110W	C	1.5	110	18.0(1.1")	10	>78	±0.18@F10
LS-S11WK1.5X110WC	C	1.5	110	18.0(1.1")	10	>78	±0.18@F10
LS-S2WK015X220W-M42X0.1	M42	0.1536	220	2"	10	-	-
LS-S11WK1.3X80W	C	1.3	80	18.0(1.1")	8.4	80	±0.2@F8.4
LS-S11WK1.3X80WC	C	1.3	80	18.0(1.1")	8.4	80	±0.22@F9.4
LS-S11WK1.3X98W	C	1.3	98	18.0(1.1")	8.4	80	±0.25@F10.4
LS-S11WK1.3X98WC	C	1.3	98	18.0(1.1")	8.4	80	±0.27@F11.4
LS-S11WK1.2X102W	C	1.2	102	18.0(1.1")	9	>85	±0.3@F9
LS-S11WK1.2X102WC	C	1.2	102	18.0(1.1")	9	>85	±0.3@F9
LS-S1-WK10X110W	C	1	110±2	16(1")	18.6	-	-
LS-S1-WK10X110WC	C	1	110±2	16(1")	18.6	-	-
LS-S1-WK10X65W	C	1	65	16(1")	18	-	-
LS-S11WK10X110WD55	C	1	110±2	18.0(1.1")	12.8	-	-
LS-S11WK1X110W	C	1.0	110	18.0(1.1")	7	>105	±0.3@F7
LS-S11WK1X110WC	C	1.0	110	18.0(1.1")	7	>105	±0.3@F7
LS-S11WK1X150W	C	1.0	150	18.0(1.1")	17.9	50	±0.7@F17.9
LS-S11WK1X180W	C	1.0	180	18.0(1.1")	17.9	50	±0.7@F17.9
LS-SWK06X208W	C	0.6	208	11.0(2/3")	8	>120	±0.9@F8
LS-S1-WK08X130W	C	0.8	130	16(1")	24.1	-	-
LS-S1WK08X115W	C	0.8	115	16.0(1")	8.4	>75	±0.5@8.4
LS-S1WK08X115WC	C	0.8	115	16.0(1")	8.4	>75	±0.5@8.4
LS-S1WK08X200W	C	0.8	200	16.0(1")	14	46	±0.8@F14
LS-SWK05X110W	C	0.5	110	11.0(2/3")	7	>140	±1.1@F7
LS-SWK05X110WC	C	0.5	110	11.0(2/3")	7	>140	±1.1@F7
LS-S11WK08X110W	C	0.8	110	18.0(1.1")	7.9	>85	±0.5@F7.9
LS-S11WK08X110WC	C	0.8	110	18.0(1.1")	7.9	>85	±0.5@F7.9
LS-S1WK07X108W	C	0.7	108	16.0(1")	7	>135	±0.6@F7
LS-S1WK07X108WC	C	0.7	108	16.0(1")	7	>135	±0.6@F7
LS-S1WK066X110W	C	0.66	110	16.0(1")	7	>135	±0.6@F7

LS-S1WK066X110WC	C	0.66	110	16.0(1")	7	>135	±0.6@F7
LS-SWK04X110W	C	0.4	110	11.0(2/3")	7	>140	±1.8@F7
LS-SWK04X110WC	C	0.4	110	11.0(2/3")	7	>140	±1.8@F7
LS-SWK0387X120W	C	0.387	120	11.0(2/3")	7	>114	±1.8@F7
LS-SWK0387X120WC	C	0.387	120	11.0(2/3")	7	>114	±1.8@F7
LS-S1WK055X220W	C	0.55	220	16.0(1")	8	>110	±1.1@F8
LS-S18WK03X180W	C	0.3	180	9.0(1/1.8")	8	>100	±3.6@F8
LS-S1WK05X110W	C	0.5	110	16.0(1")	8	116	±1.3@F8
LS-S1WK05X110WC	C	0.5	110	16.0(1")	8	116	±1.3@F8
LS-S1WK05X128W	C	0.5	128	16.0(1")	8	116	±1.3@F8
LS-S1WK05X128WC	C	0.5	128	16.0(1")	8	116	±1.3@F8
LS-S1WK05X170W	C	0.5	170	16.0(1")	8	118	±1.3@F8
LS-S1WK05X220W	C	0.5	220	16.0(1")	8	>110	±1.3@F8
LS-S1WK05X220WC	C	0.5	220	16.0(1")	8	>110	±1.3@F8
LS-S1WK05X220WS	C	0.5	220	16.0(1")	8	118	±1.3@F8
LS-SWK0348X135W	C	0.348	135	11.0(2/3")	8	>125	±2.6@F8
LS-SWK0348X135WC	C	0.348	135	11.0(2/3")	8	>125	±2.6@F8
LS-S11WK055X220W	C	0.55	220	18.0(1.1")	10.1	>90	±1.3@F10.1
LS-S11WK055X220WC-	C	0.55	220	18.0(1.1")	10.1	>90	±1.3@F10.1
LS-S1WK046X120W	C	0.46	120	16.0(1")	7	120	±1.3@F7
LS-S1WK046X220W	C	0.46	220	16.0(1")	11.6	>80	±2.2@F11.6
LS-S1WK046X220WC	C	0.46	220	16.0(1")	11.6	>80	±2.2@F11.6
LS-S11WK005X220WG	C	0.5	220	18.0(1.1")	7-Close	>140	±1.1@F7
LS-S11WK05X110W	C	0.5	110	18.0(1.1")	7	132	±1.1@F7
LS-S11WK05X110WC	C	0.5	110	18.0(1.1")	7	132	±1.1@F7
LS-S11WK05X220W	C	0.5	220	18.0(1.1")	7	>140	±1.1@F7
LS-S11WK05X220WC	C	0.5	220	18.0(1.1")	7	>140	±1.1@F7
LS-S123WK022X260W-AL	C	0.22	240	7.93(1/2.3")	10	>90	±16.5@F10
LS-SWK03X110W	C	0.3	110	11.0(2/3")	5.6	>170	±2.5@F5.6
LS-SWK03X110WC	C	0.3	110	11.0(2/3")	5.6	>170	±2.5@F5.6
LS-SWK03X180W	C	0.3	180	11.0(2/3")	10	>83	±4.4@F10
LS-SWK03X180WC	C	0.3	180	11.0(2/3")	10	>83	±4.4@F10
LS-SWK03X220W	C	0.3	220	11.0(2/3")	13.6	>63	±6.0@F13.6
LS-SWK03X220WC	C	0.3	220	11.0(2/3")	13.6	>63	±6.0@F13.6
LS-S123WK021X240W	C	0.21	240	7.93(1/2.3")	10	>90	±9.1@F10
LS-S12WK015X320W	C	0.15	320	6(1/2")	7	-	-
LS-S1WK04X196W	C	0.4	196	16.0(1")	8	>115	±2@F8
LS-S18WK022X200W	C	0.22	200	9.0(1/1.8")	8	>95	±6.6@F8
LS-S1WK0367X220W	C	0.367	220	16.0(1")	8	>115	±4.7@F16

LS-S1WK0345X220W	C	0.345	220	16.0(1")	8	>115	±2.7@F8
LS-S1WK0345X220WC	C	0.345	220	16.0(1")	8	>115	±2.7@F8
LS-S1WK0345X220WCV2	C	0.345	220	16.0(1")	14	67	±4.7@F14
LS-S11WK0367X220W	C	0.367	220	18.0(1.1")	8	>115	±2.4@F8
LS-S11WK0367X220WC	C	0.367	220	18.0(1.1")	8	>115	±2.4@F8
LS-S1WK032X220W	C	0.32	220	16.0(1")	12.1	>75	±4.7@F12.1
LS-SWK022X200W	C	0.22	200	11.0(2/3")	10	>80	±8.3@F10
LS-SWK022X220W	C	0.22	220	11.0(2/3")	6.9	>145	±5.7@F6.9
LS-SWK022X220W-AL	C	0.22	220	11.0(2/3")	10	>80	±8.3@F10
LS-SWK022X220W-ALV2	C	0.22	220	11.0(2/3")	6.9	>130	±5.7@F6.9
LS-SWK022X220WN-AL	C	0.22	220	11.0(2/3")	10	>85	±8.3@F10
LS-SWK022X230W-AL	C	0.22	230	11.0(2/3")	6.9	>120	±5.7@F6.9
LS-S25WK014X190W	C	0.14	190	7.2(1/2.5")	8	>100	±16.3@F8
LS-S11WK0345X220W	C	0.345	220	18.0(1.1")	8	>115	±2.7@F8
LS-S11WK0345X220WC	C	0.345	220	18.0(1.1")	8	114	±4.85@F8
LS-S11WK0345X220WV2	C	0.345	220	18.0(1.1")	5	>115	±5.3@F16
LS-S11WK0345X220WV2	C	0.345	220	18.0(1.1")	5	>115	±5.3@F16
LS-S123WK015X320W	C	0.15	320	7.93(1/2.3")	7	>130	±12.4@F7
LS-S1WK03X250W	C	0.3	250	16.0(1")	8	>102	±3.6@F8
LS-SWK02X240W	C	0.2	240	11.0(2/3")	11.3	>65	±11.3@F11.3
LS-S1WK0275X190W-AL	C	0.275	190	16.0(1")	8	>120	±4.2@F8
LS-S1WK0275X220W	C	0.275	220	16.0(1")	8	>113	±8.5@F8
LS-S11WK0275X220W	C	0.275	220	18.0(1.1")	8	>105	±4.2@F8
LS-S123WK012X330W	C	0.12	330	7.93(1/2.3")	7	>135	±19.4@F7
LS-S25WK0108X400W	C	0.108	400	7.2(1/2.5")	7	128	±24@F7
LS-S11WK0246X220W	C	0.246	220	18.0(1.1")	8	>100	±5.3@F8
LS-S1WK021X238W	C	0.21	238	16.0(1")	9	89	±8.1@F9
LS-S11WK023X220W	C	0.23	220	18.0(1.1")	8	>110	±6.0@F8
LS-S11WK022X220W	C	0.22	220	18.0(1.1")	8	>110	±6.6@F8
LS-S1WK0075X220W	C	0.075	220	16(1")	4.35	-	-
LS-S11WK0085X220W	C	0.085	220	18.2(1.1")	5	>176	±27.7@F5

More values per model (Object-side resolution (um), Numerical aperture NA, Image-side distortion (% max), Object-side telecentricity (deg max), Total length TTL (mm), Coaxial illumination, Front filter thread, Measured depth of field as shipped (mm), Notes) are on each product page.

Product views

