

H Series Object-Side Telecentric lenses

LS-H-OBJECT-SIDE series · Telecentric lenses · 40 models

Excellent image quality with an optimized fixed-magnification design; supports cameras up to 1/2"

Features

- Excellent image quality with an optimized fixed-magnification design; supports cameras up to 1/2"



Common specifications

Connector type	C-Mount
Certification	RoHS2.0

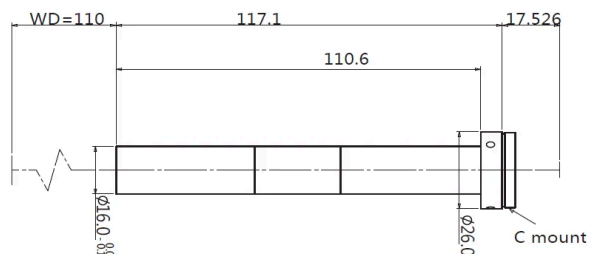
Models

Model	Magnification	Working distance	F-number	Image size	Depth of field	Object-side resolution	Object-side telecentricity
LS-HY-3-110	3	110 mm	F9	1/2"	0.55 mm	20.1 μm	$\leq 0.01^\circ$
LS-HY-3-110C	3	110 mm	F9	1/2"	0.55 mm	20.1 μm	$\leq 0.01^\circ$
LS-HY-4-110	4	110 mm	F36.3	1/2"	0.2 mm	7.3 μm	Non-telecentric
LS-HY-4-110C	4	110 mm	F36.3	1/2"	0.2 mm	6.1 μm	Non-telecentric
LS-HY-6-45C	6	45 mm	F8	1/2"	0.1 mm	9 μm	Non-telecentric
LS-HY-4-200C	4	200 mm	F64.6	1/2"	0.3 mm	41.6 μm	Non-telecentric
LS-HY-2-250	2	250 mm	F40	1/2"	1 mm	13.4 μm	Non-telecentric
LS-HY-2-110	2	110 mm	F23.7	1/2"	0.5 mm	8.1 μm	$\leq 0.01^\circ$
LS-HY-2-110C	2	110 mm	F23.7	1/2"	0.5 mm	8.1 μm	$\leq 0.01^\circ$
LS-HY-2-150	2	150 mm	F32.4	1/2"	0.6 mm	10.8 μm	$\leq 0.01^\circ$
LS-HY-15-110	1.5	110 mm	F13.2	1/2"	0.5 mm	7 μm	Non-telecentric
LS-HY-15-110C	1.5	110 mm	F13.2	1/2"	0.5 mm	7 μm	Non-telecentric
LS-HY-2-65C	2	65 mm	F13.7	1/2"	0.3 mm	4.7 μm	$\leq 0.06^\circ$
LS-HY-15-65	1.5	65 mm	F17.3	1/2"	0.55 mm	7 μm	$\leq 0.2^\circ$
LS-HY-15-65C	1.5	65 mm	F17.3	1/2"	0.55 mm	7 μm	$\leq 0.2^\circ$
LS-HY-1-180C	1	180 mm	F13.0	1/2"	1 mm	8.9 μm	$\leq 0.08^\circ$

LS-HY-1-110	1	113 mm	F13.7	1/2"	1.1 mm	9.2 μ m	$\leq 0.01^\circ$
LS-HY-1-150	1	150 mm	F23.5	1/2"	1.9 mm	15.8 μ m	$\leq 0.01^\circ$
LS-HY-1-113C	1	113 mm	F13.7	1/2"	1.1 mm	9.2 μ m	$\leq 0.01^\circ$
LS-HY-1-65CN	1	65 mm	F12.1	1/2"	1.9 mm	8.2 μ m	$\leq 0.01^\circ$
LS-HY-1-65N	1	65 mm	F12.1	1/2"	1 mm	8.2 μ m	$\leq 0.01^\circ$
LS-HY-08-150C	0.8	150 mm	F27	1/2"	3.3 mm	22.7 μ m	Non-telecentric
LS-HY-08-150	0.8	150 mm	F13.6	1/2"	1.7 mm	11.5 μ m	Non-telecentric
LS-HY-08-130	0.8	130 mm	F15.2	1/2"	1.9 mm	12.9 μ m	$\leq 0.01^\circ$
LS-HY-08-130C	0.8	130 mm	F15.2	1/2"	1.9 mm	12.9 μ m	$\leq 0.01^\circ$
LS-HY-08-65	0.8	65 mm	F11.9	1/2"	1.5 mm	10 μ m	$\leq 0.01^\circ$
LS-HY-08-65C	0.8	110 mm	F11.9	1/2"	1.5 mm	10 μ m	$\leq 0.01^\circ$
LS-HY-06-65C	0.6	65 mm	F8	1/2"	1.8 mm	9 μ m	$\leq 0.01^\circ$
LS-HY-07-70-V2	0.7	70 mm	F22.1	1/1.8"	3.6 mm	21.3 μ m	Non-telecentric
LS-HY-05-190	0.5	190 mm	F16.3	1/2"	5.2 mm	22 μ m	$\leq 0.1^\circ$
LS-HY-05-510C	0.5	510 mm	F14.2	1/1.8"	4.5 mm	19.3 μ m	$\leq 0.8^\circ$
LS-HY-05-350C	0.5	350 mm	F17.6	1/2"	5.6 mm	23.7 μ m	$\leq 1.3^\circ$
LS-HY-05-65	0.5	65 mm	F6.5	1/2"	2.1 mm	8.5 μ m	Non-telecentric
LS-HY-05-110C-V2	0.5	110 mm	F11	1/2"	3.5 mm	14.8 μ m	$\leq 0.1^\circ$
LS-HY-05-110-V2	0.5	110 mm	F11	1/2"	3.5 mm	14.8 μ m	$\leq 0.08^\circ$
LS-HY-03-110-MP	0.3	110 mm	F13.4	1/1.8"	11.9 mm	31.4 μ m	Non-telecentric
LS-HY-05-225	0.5	225 mm	F9	1/2.5"	2.9 mm	12.1 μ m	Non-telecentric
LS-HY-04-113	0.4	113 mm	F13.4	1/2.5"	6.7 mm	22.3 μ m	Non-telecentric
LS-HY-012-250	0.12	250 mm	F12.2	1/2"	68 mm	67.5 μ m	Non-telecentric
LS-HY-009-660	0.09	660 mm	F8	1/1.7"	79 mm	59.6 μ m	Non-telecentric

More values per model (Distortion, Dimension, Temperature, Coaxial light) are on each product page.

Performance



Product views

