

# 8K high resolution line scan lenses

Φ62



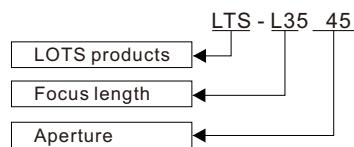
## → Characteristics

- ◆ Large image sensor can cover  $\phi 62\text{mm}$  image plane
- ◆ Supporting 8K  $5\text{ }\mu\text{m}$  /  $7\text{ }\mu\text{m}$  high resolution line scan camera
- ◆ V mount design, stable, reliable and flexible
- ◆ Have 0.01 - 3 double, multiple models

## → Applications

- ◆ Printing inspection
- ◆ Glass cover-plate inspection
- ◆ AOI
- ◆ Photovoltaic inspection

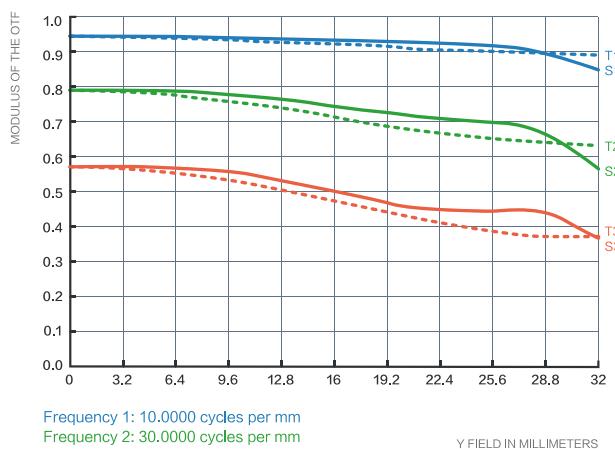
## → Coding Rule



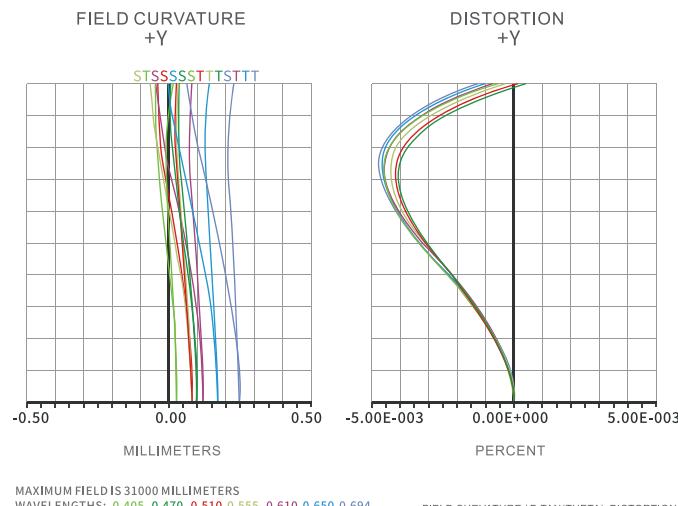
## → Parameter

Model	Centre magnification	Focus (mm)	Magnification(X)	Max. supporting target surface(mm)	Aperture	Distortion (%)	Relative illuminance(%)	WD (mm)	Conjugate distance(mm)	Image space resolution ( $\mu\text{m}$ )	Mount
LTS-L3545	0.08	35	0.04-0.1	φ 28	1:4.5~16	<0.05	>80	518.5	574.5	5	M42、M58、M7
LTS-L4028	0.1	40	0.1-0.3	φ 43	1:2.8~11	<0.5	>35	424	486.4	5	M42、M58、M7
LTS-L4056	0.167	40	0.04-0.32	φ 60	1:5.6~22	<0.6	>55	267.53	344.63	5	M58、M72、M90
LTS-L6040	0.167	60	0.04-0.33	φ 62	1:4~22	<0.1	>45	402.9	494.3	5	M42、M58、M7
LTS-L6056	0.167	60	0.04-0.32	φ 82	1:5.6~22	<0.6	>55	395.87	512.17	5.5	M58、M72、M90
LTS-L8056	0.3	80	0.2-3	φ 62	1:5.6~22	<0.05	>80	324	450.8	5	M58、M72、M9
LTS-L9040	0.2	90	0.15-3	φ 82	1:5.6~22	<0.05	>70	515	650	5	M58、M72、M9

## → MTF Drawing



## → Distortion drawing



3LINH	Line scan illumination
3LINL	
3LIN	
2LINS	
2LIN	
2COXL	
2LNM	
SDL	
STL	Structured light
RN	Ring illumination
RNH	
SRN	
HPR	
FPR	
DML	
LFR	
3DM	
2DM	
LFX	
FPQ	
RIH	
DL	
3BRH	Bar illumination
2BR	
2BRS	
2BRM	
3COH	
3CON	Coaxial illumination
COKR	
3COX	
COPA	
HSL	
2SL	
SL	
RNMU	
AOI	
2FTB/2FT	Multi-angle illumination
FTC	
2FT/3FT	
2PFT/3PFT	
LIP	Back illumination
IP	
IR	
UV	
Customized	
PS	
PD	
2DRC	
3STU	
APC	
DPC	
2APC	
DPA	
2ACC	
2DPC	
Area scan	Lenses
Line scan	



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