2/3 ” high resolution 5 million prime lens

2/3

Characteristics

- 5MP high resolution
- Low distortion
- Large amount light to get in
- Lenticule design
- Short working distance range design
- Compact structure
- Extensive use in location and inspection industry
- High cost-effective

Applications

- Automatic optical inspection
- in electronic industry
- Semiconductor package
- Code reading and recognition
- Printing inspection
- Location system
- AOI inspection

Coding rule

LTS - 12 24 - 5MP

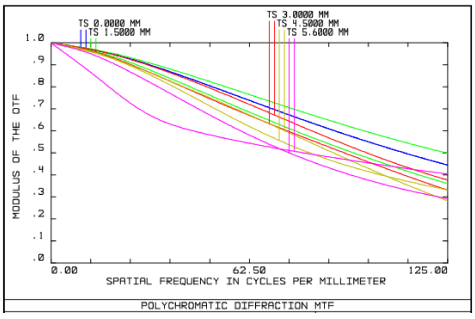
- LTS: LOTS products
- 12: Focus length
- 24: Aperture
- 5MP: 5 million pixels

Parameter

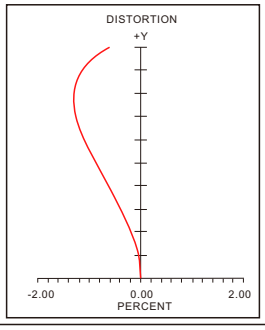
Model	Focus length	Aperture	WD range	Optical distortion	Relative illumination	Filter size	Target surface	Mount
LTS-0816-5MP	8	1.6-16	100-1500	<0.3	>70	M35.5×P0.5	2/3	C
LTS-1216-5MP	12	1.6-16	100-1500	<0.15	>70	M35.5×P0.5	2/3	C
LTS-1616-5MP	16	1.6-16	100-1500	<0.1	>70	M35.5×P0.5	2/3	C
LTS-2516-5MP	25	1.6-16	100-1500	<0.1	>76	M35.5×P0.5	2/3	C
LTS-3516-5MP	35	1.6-16	150-1500	<0.15	>76	M35.5×P0.5	2/3	C
LTS-5020-5MP	50	2-16	300-INF.	<0.05	>76	M35.5×P0.5	2/3	C

LTS-0816-5MP

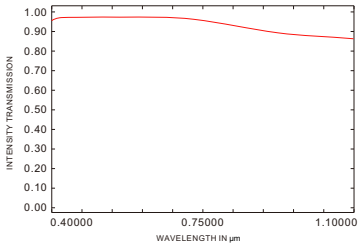
MTF Drawing



Distortion drawing



Penetration rate



LTS-1216-5MP

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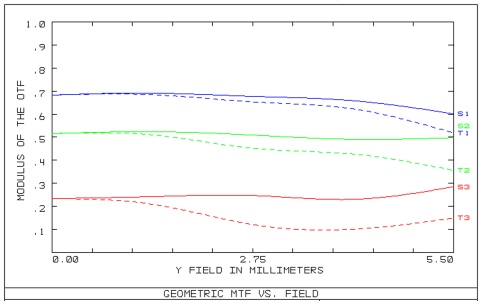

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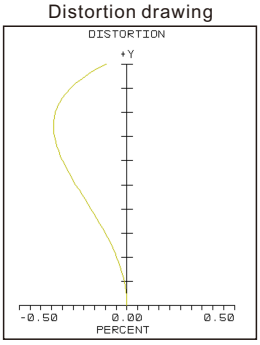

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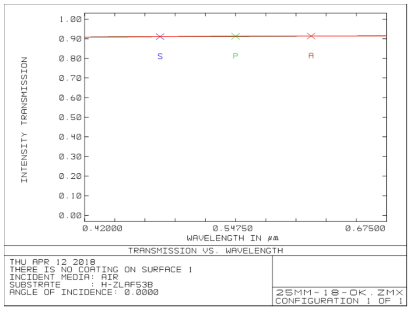

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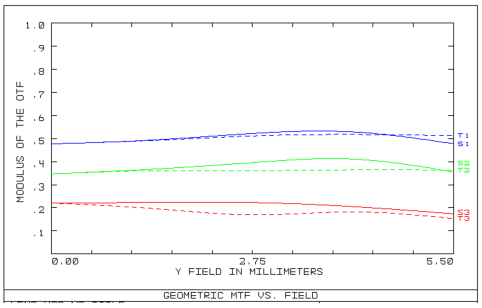
2/3

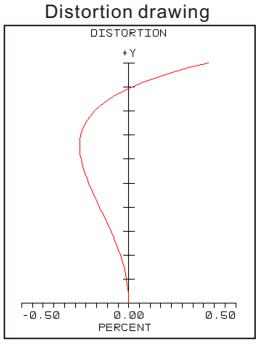
3LINH	Line scan illumination
3LINL	
3LIN	
2LINS	
2LIN	
2COXL	
2LINM	
SDL	
STL	Structured light
RN	Ring illumination
RNH	
SRN	
HPR	Shadowless illumination
FPR	
DML	
LFR	
3DM	
2DM	
LFX	
FPQ	
RIH	
DL	
3BRH	Bar illumination
2BR	
2BRS	
2BRM	
3COH	Coaxial illumination
3CON	
COXR	
3COX	
COPA	
HSL	
2SL	
SL	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

LTS-1616-5MP

MTF Drawing Magnfication:0.05X;F#1.8



Distortion drawing



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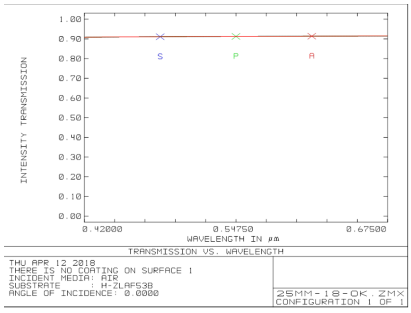
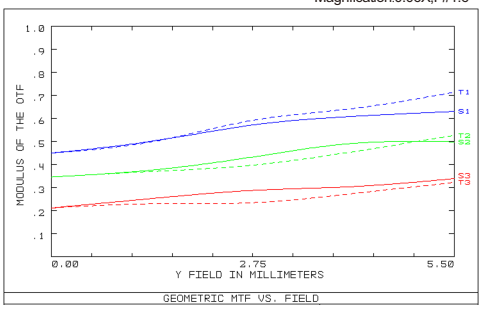


LTS-2516-5MP

MTF Drawing Magnfication:0.06X;F#1.6



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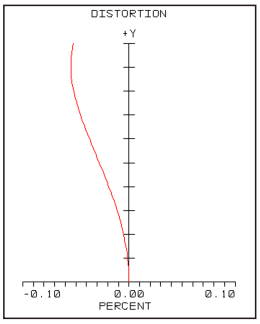

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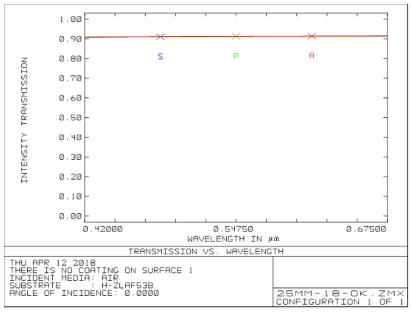
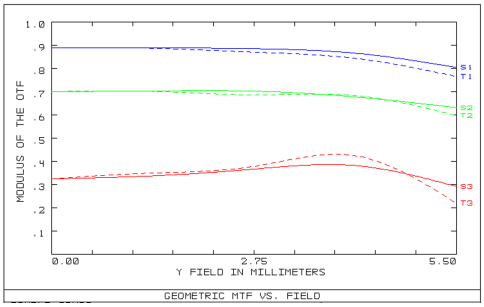
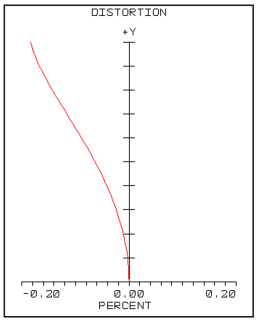


LTS-3526-5MP

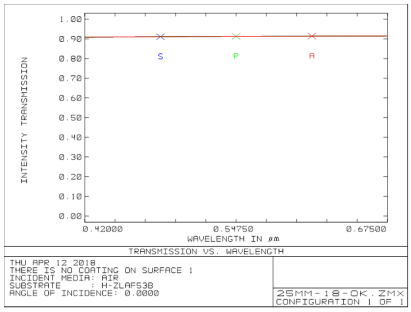
MTF Drawing Magnfication:0.1X;F#2.4



Distortion drawing

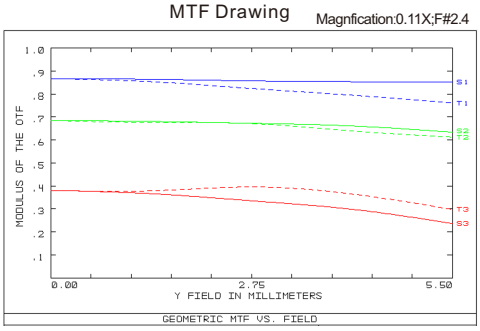


Penetration rate

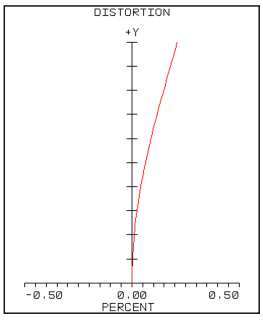


LTS-5020-5MP

MTF Drawing Magnfication:0.11X;F#2.4



Distortion drawing



Penetration rate