

LINE SCAN CAMERA LENSES

Y3528

Y5028

Asahi Precision Co., Ltd. have developed Y3528 and Y5028 lenses for line-scan cameras as a basis of the long-term experience in the photographic industry and accumulated technologies and know-how in the machine vision industry. The lenses are exclusively for line-scan cameras and are designed to best perform on close-up applications.

FEATURES:

- Ultra-high resolution corresponding with 7 μ m pixel.
- Less distortion.
- Best optical performance for short-distant objects.
- Focus & iris lock screws against vibration and shock.

SPECIFICATIONS

Y3528

Focal length:	35mm
Maximum magnification:	0.5X
Iris range:	F2.8 to F22
Mount:	K or F mount
Dimensions:	72mm (D) x 57.8mm (L) - K mount lens 72mm (D) x 56.8mm (L) - F mount lens
Weight:	420 grams

Y5028

Focal length:	50mm
Maximum magnification:	0.5X
Iris range:	F2.8 to F22
Mount:	K or F mount
Dimensions:	72mm (D) x 57.8mm (L) - K mount lens 72mm (D) x 56.8mm (L) - F mount lens
Weight:	400 grams

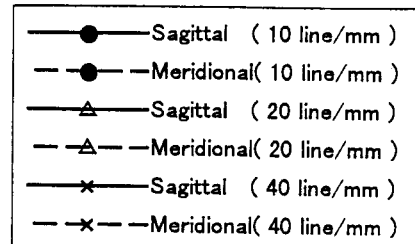
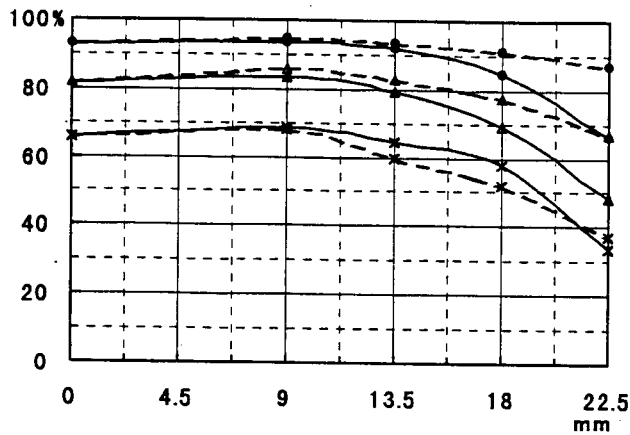
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Y5028

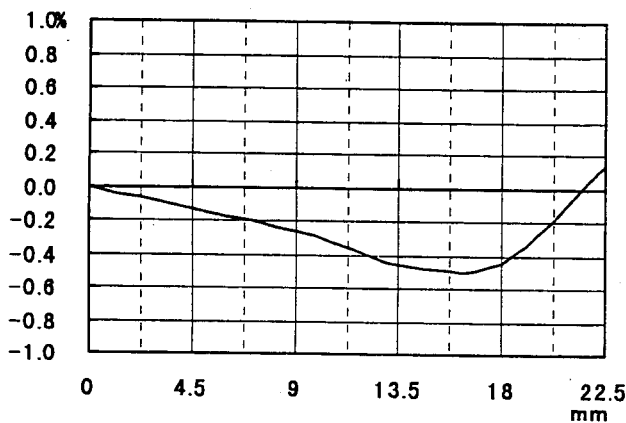


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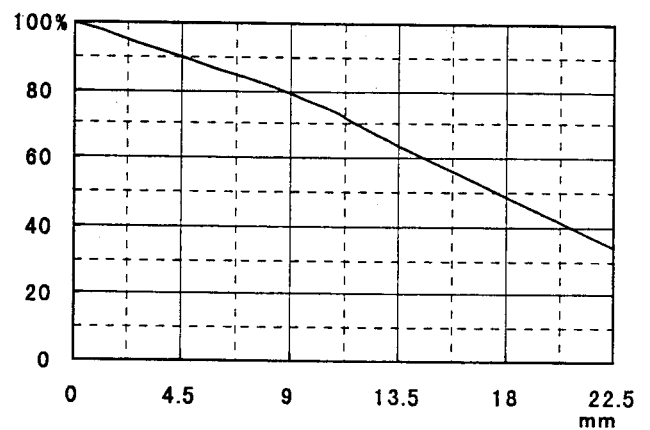


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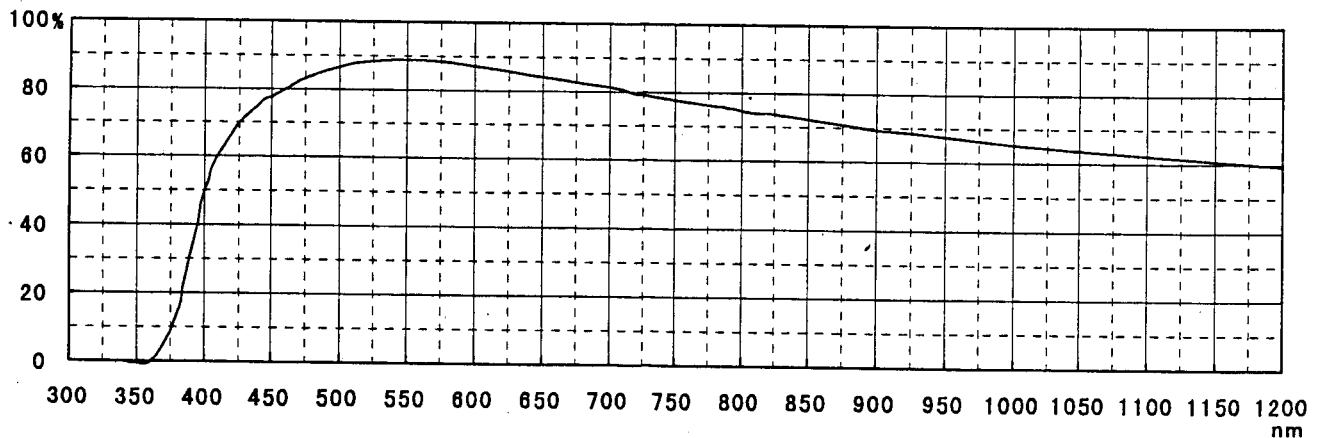
●Distortion (歪曲収差)



●Vignetting (周辺光量)



●Spectral Transmittance (分光透過率)



●Resolving Power (投影解像力)

y						
Rr(S)						
Rt(M)						

●Entrance Pupil Position (入射瞳位置) -72.30 [mm] *

●Exit Pupil Position (射出瞳位置) -51.04 [mm] *

●1st Principal Point (第一主点) -61.81 [mm] *

●2nd Principal Point (第二主点) -36.29 [mm] * (*: From Image Plane)



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Revision

Date

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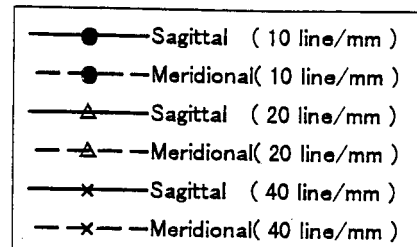
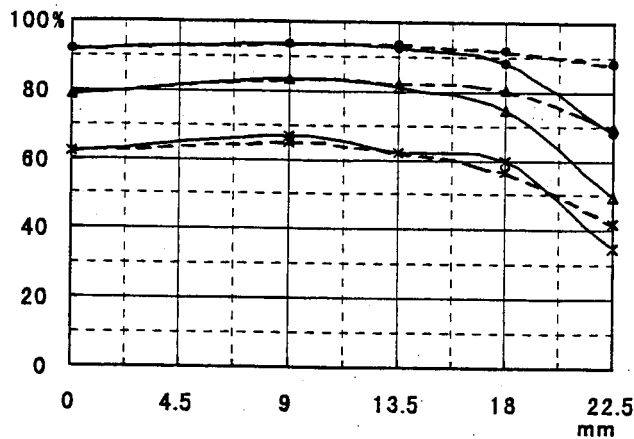
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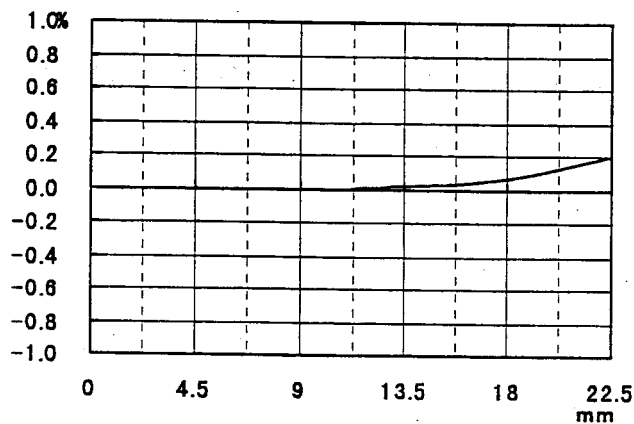
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●Optical Transfer Function (OTF)

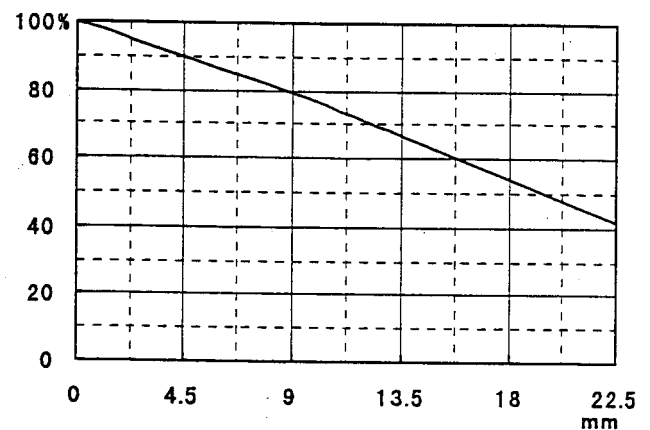


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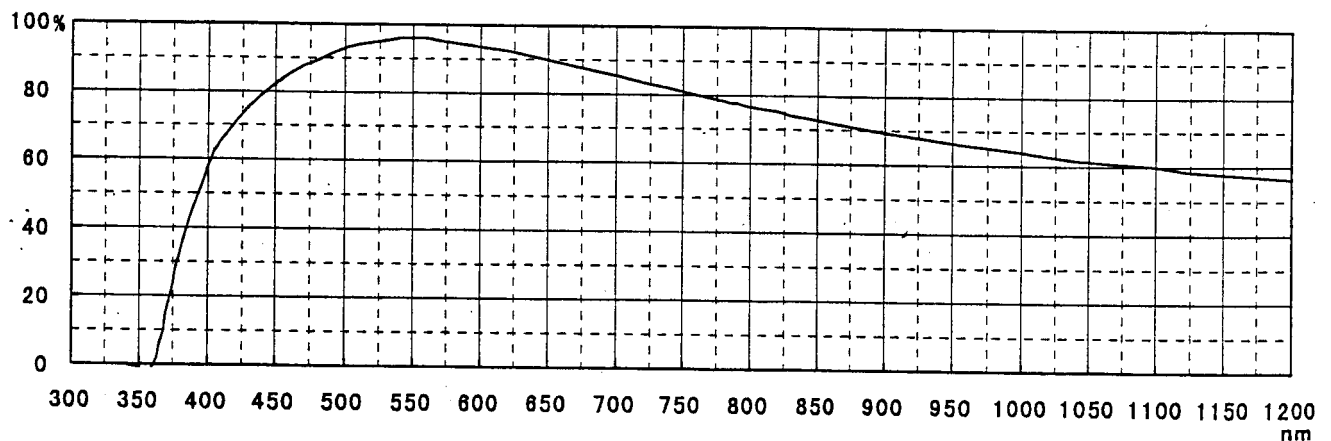
●Distortion (歪曲収差)



●Vignetting (周辺光量)



●Spectral Transmittance (分光透過率)



●Resolving Power (投影解像力)

y						
Rr(S)						
Rt(M)						

●Entrance Pupil Position (入射瞳位置)

-57.13 [mm] *

●Exit Pupil Position (射出瞳位置)

-54.47 [mm] *

●1st Principal Point (第一主点)

-54.77 [mm] *

●2nd Principal Point (第二主点)

-51.99 [mm] * (*: From Image Plane)



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