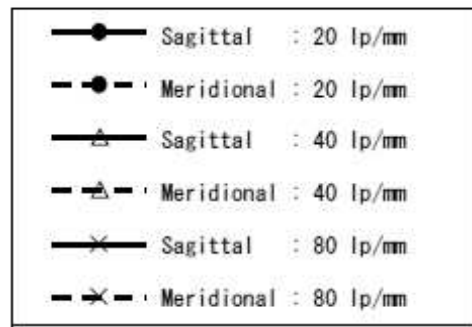
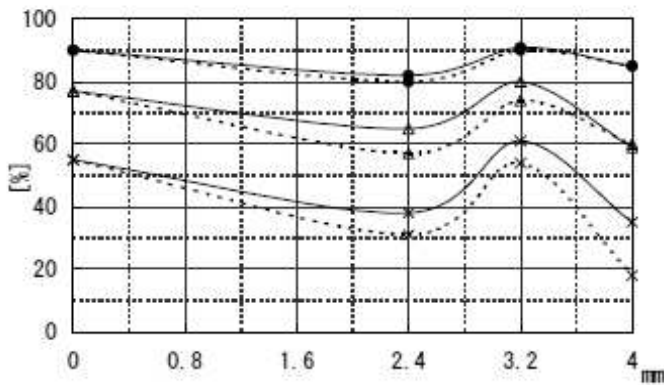
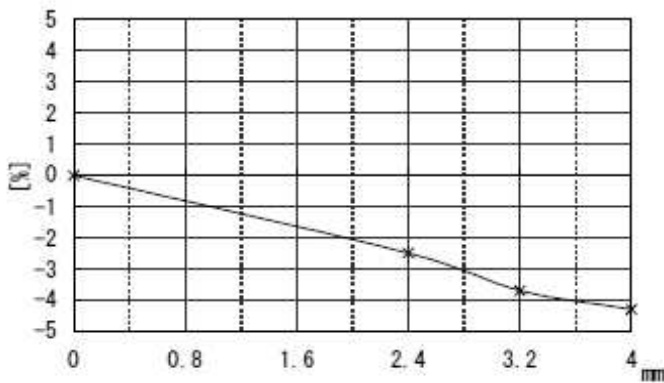


●Modulation Transfer Function (MTF)

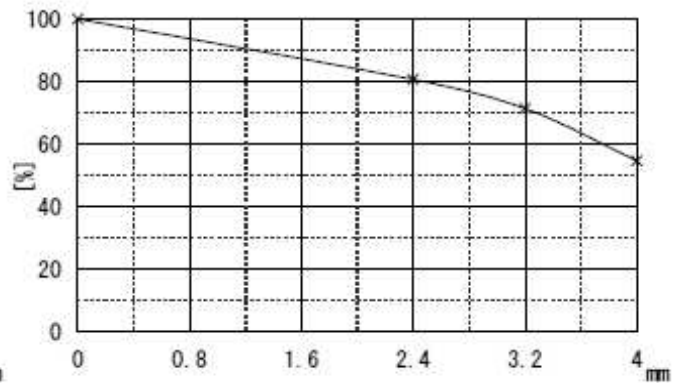
W. D. = 280mm



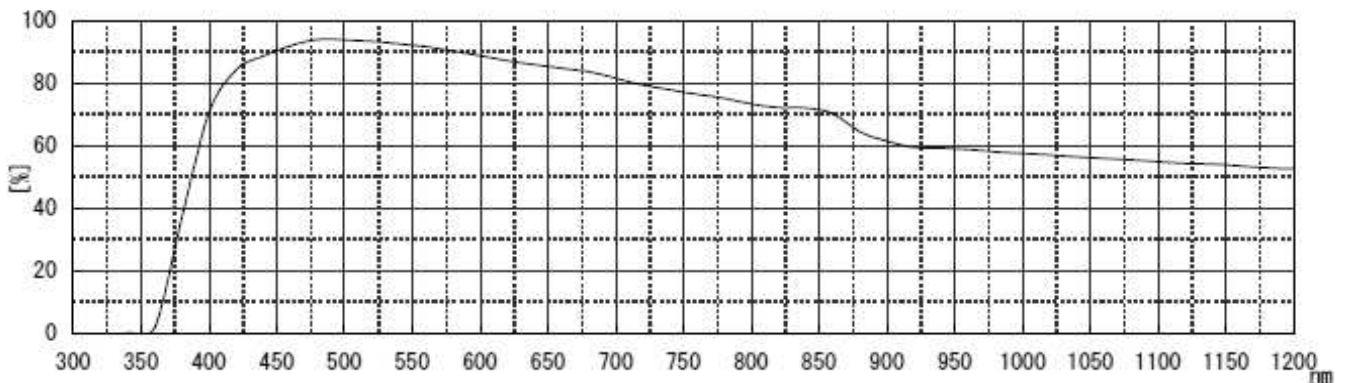
●Distortion (歪曲収差)



●Vignetting (周辺光量)



●Spectral Transmittance (分光透過率)



- Entrance Pupil Position (入射瞳位置) -39.50 [mm]*
- Exit Pupil Position (射出瞳位置) -21.80 [mm]*
- 1st Principal Point (第一主点) -35.15 [mm]*
- 2nd Principal Point (第二主点) -6.00 [mm]*

(*:From Image Plane, W. D.=∞)

SPEC. INFO	FL-HC0614-2M RC SPEC.	3160636-S001-RC-B12
		Oct. 04. 2012

1. Model FL-HC0614-2M
2. Application For 1/2 Format Camera

3. Specification

3-1. Physical (As per the attached drawing)

- (1) Dimensions $\phi 32.0 \text{ mm} \times 37.5 \text{ mm}$
- (2) Weight 58 g
- (3) Mount C-Mount (1 – 32 UN – 2A)

3-2. Optical

- (1) Focal Length 6 mm $\pm 5\%$
- (2) Max. Aperture Ratio 1: 1.4 $\pm 10\%$
- (3) Iris Range F / 1.4 to F / 16
- (4) Angle of View
 Diagonal 69.0°
 Horizontal 57.4°
 Vertical 44.3°
- (5) Picture format 6.4 mm \times 4.8 mm
- (6) Focusing Range Inf. to 0.1 m
- (7) Back Focal Length 12.32 mm (in air)
- (8) Flange Back Length 17.526 mm (in air)

3-3. Mechanical

- (1) Focusing Mechanism
 Rotation Angle 144°
 Focus Ring can be fixed at any positions by
 3 fixing screws (refer to external view)
- (2) Iris Mechanism
 Click Type
 Rotation Angle 107°
 Iris Ring can be fixed at any positions by 3 fixing screws
 (refer to external view)

3-4. Vibration & Shock Test Standard

(1) Vibration Conditions

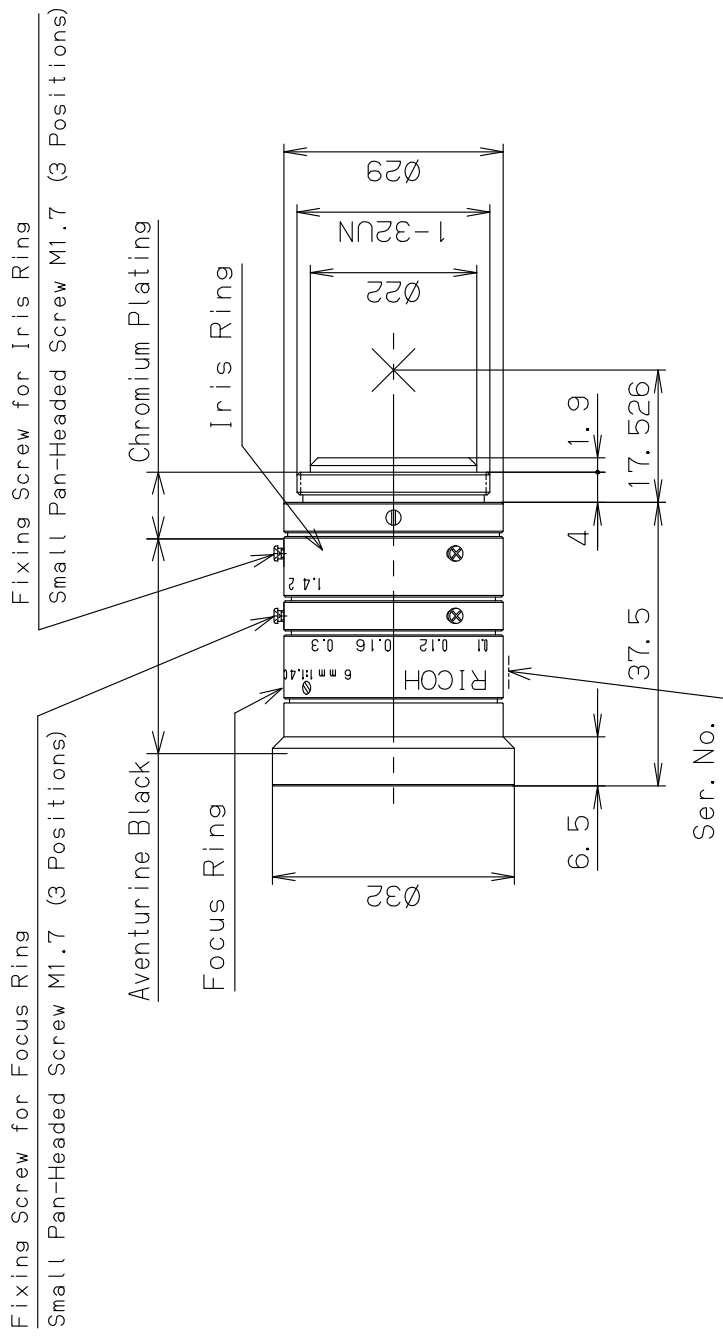
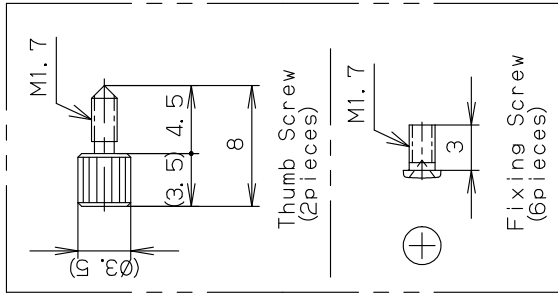
Wave	Sine Wave
Acceleration	29.4 m/s ²
Cycle Range	20 Hz to 55 Hz
Cycle Period	3 Minutes
Duration of Vibration	20 Minutes Respectively in Three Dimensional Directions

3-5. Environmental Temperature Range -10°C to +50°C

4. Accessories

- (1) Front Lens Cap 1 piece
- (2) Rear Lens Cap 1 piece
- (3) Fixing Screw 6 pieces
- (4) Thumbscrew 2 pieces (for Optional Usage)
- (5) Packing Box 1 piece

Fixing for Focus Ring and Iris Ring



FL-HC0614-2M	
SPEC. INFO	3160636-S001-RC-B22
RICOH	Oct.04.2012



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