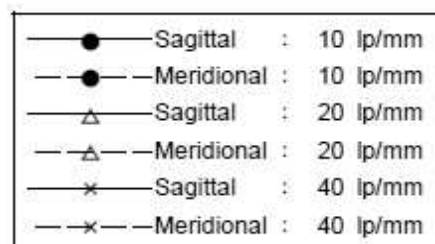
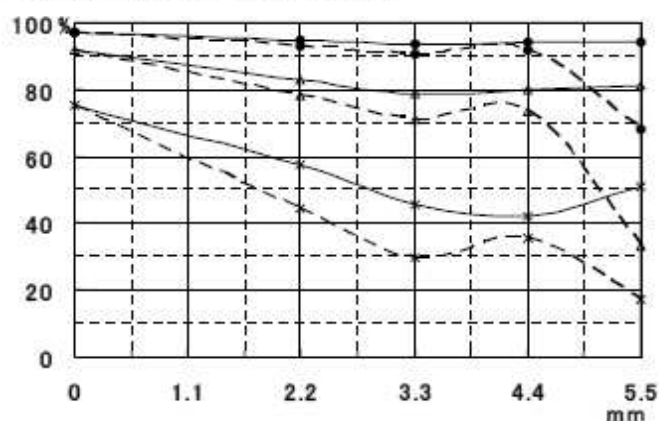
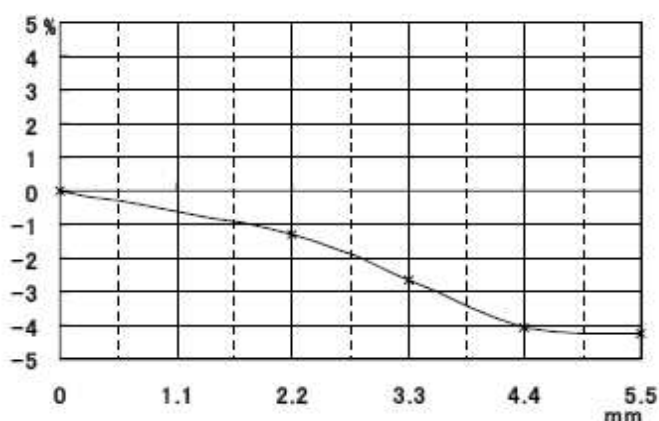


●Modulation Transfer Function (MTF)

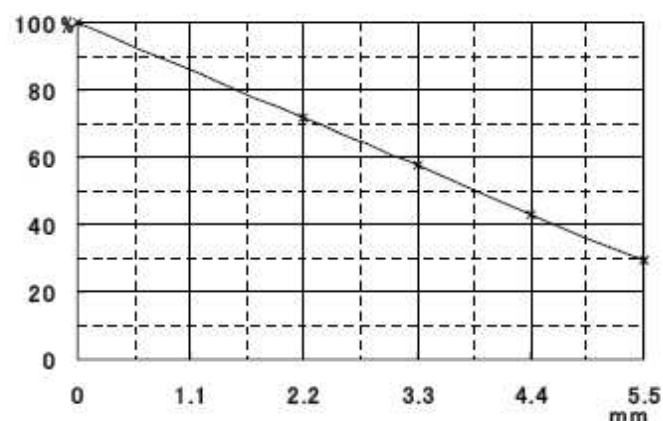


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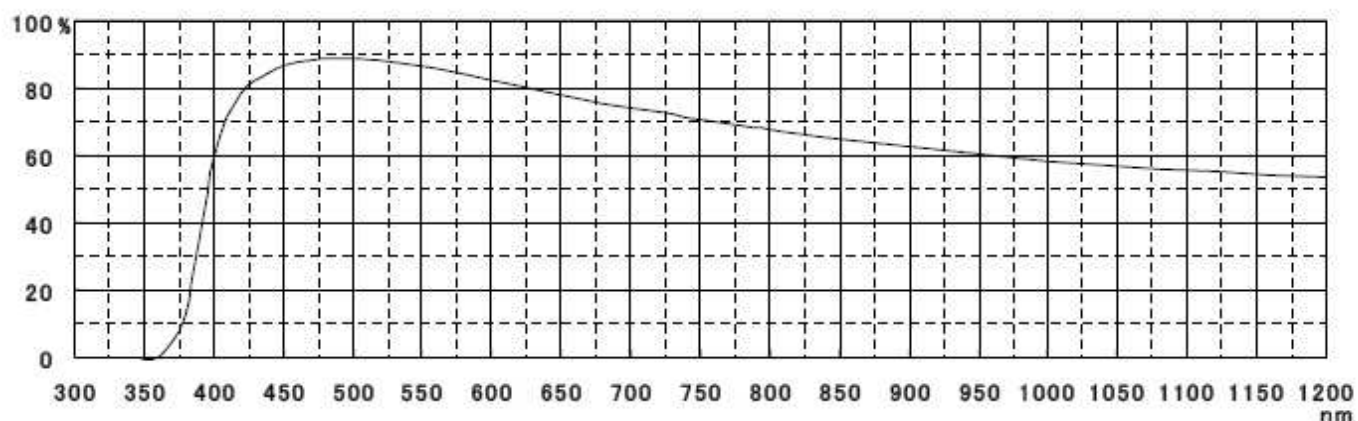
●Distortion (歪曲収差)



●Vignetting (周辺光量)



●Spectral Transmittance (分光透過率)



●Resolving Power (解像力)

y	0	3.3	4.4	5.5		
Rr(S)	100	50	40	50		
Rt(M)		32	40	20		

●Entrance Pupil Position (入射瞳位置)

-39.06 [mm] *

●Exit Pupil Position (射出瞳位置)

-115.18 [mm] *

●1st Principal Point (第一主点)

-31.15 [mm] *

●2nd Principal Point (第二主点)

-8.54 [mm] * (*: From Image Plane)

SPEC. INFO	FL-CC0815B-VG RC SPEC.	3130822-S001-RC-B13
		Sep. 27, 2012

1. Model FL-CC0815B-VG
2. Application For 2/3 Format Camera
3. Specification

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

- (1) Dimensions $\phi 42 \text{ mm} \times 40 \text{ mm}$
- (2) Weight 120g
- (3) Mount C-Mount (1 – 32 UN – 2A)
- (4) Filter Screw Size $\phi 40.5 \text{ mm}$, P = 0.5 mm

3-2. Optical

- (1) Focal Length 8.5 mm $\pm 5\%$
- (2) Max. Aperture Ratio 1: 1.5
- (3) Iris Range F / 1.5 to F / 16 to Close
- (4) Angle of View
 Diagonal 67.87°
 Horizontal 56.49°
 Vertical 43.34°
- (5) Picture format 8.8 mm $\times$ 6.6 mm
- (6) Focusing Range Inf. to 0.2m
- (7) Back Focal Length 10.88 mm
- (8) Flange Back Length 17.526 mm $\pm 0.05 \text{ mm}$

3-3. Mechanical

- (1) Focusing Mechanism Straight Helicoid
 Rotation Angle 65.7°
 Rotation Torque 0.98N·cm to 4.41 N·cm
 Focus Ring can be fixed at any positions by 3 fixing screws (A) (refer to external view)
- (2) Iris Mechanism Non-click
 Rotation Angle 96°
 Rotation Torque 0.98N·cm to 4.41 N·cm
 Iris Ring can be fixed at any positions by 3 fixing screws (B) (refer to external view)

3-4. Vibration & Shock Test Standard

(1) Vibration Conditions

Wave	Sine Wave
Acceleration	1.96 m/s ² to 59.78 m/s ²
Cycle Range	10 Hz to 55 Hz
Cycle Period	3 Minutes
Duration of Vibration	120 Minutes Respectively in Three Dimensional Directions

(2) Shock Conditions

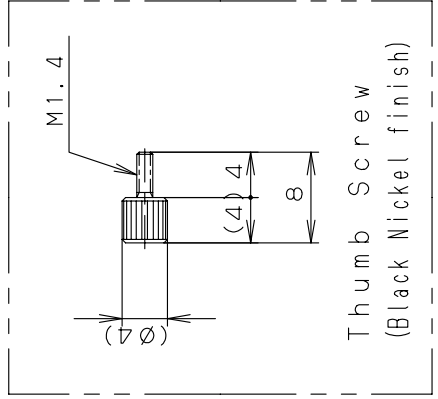
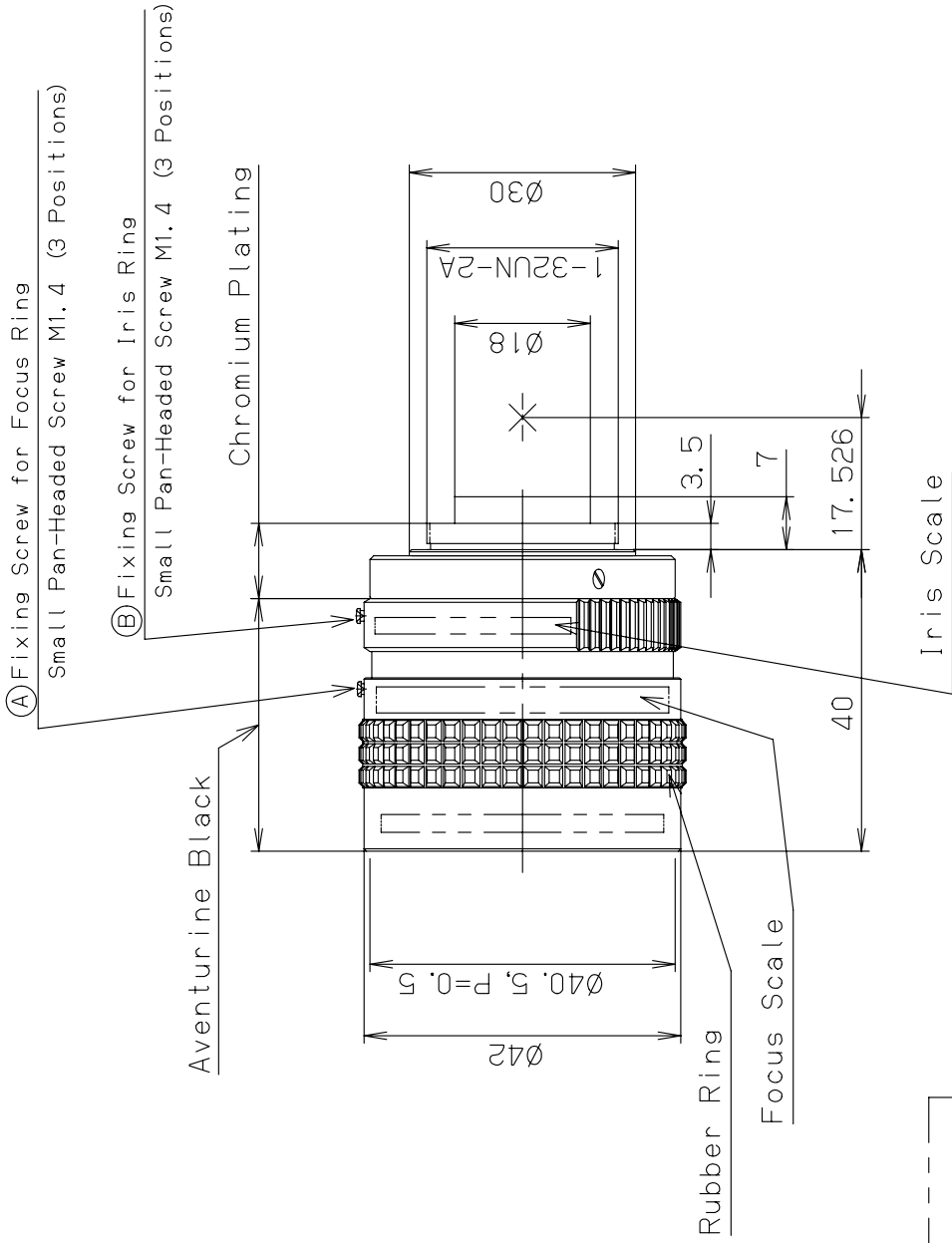
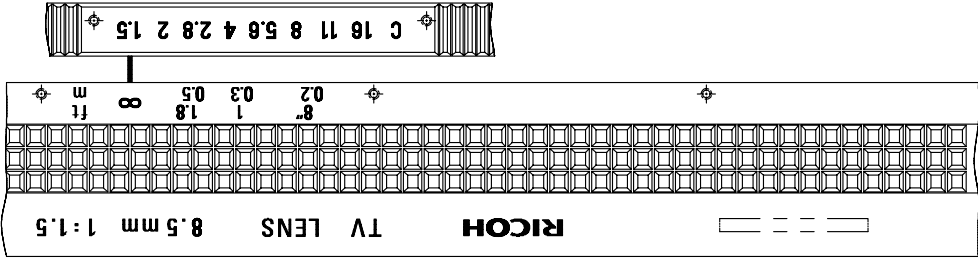
Tester	Shock Testing Machine by Dropping
Impact Force	588 m/s ²
Duration of Shock	3.5 ms
Directions & Number of Times	1 Time Respectively in Three Dimensional Directions

SPEC. INFO	FL-CC0815B-VG RC SPEC.	3130822-S001-RC-B23
		Sep. 27, 2012

3-5. Environmental Temperature Range -20°C to $+50^{\circ}\text{C}$

4. Accessories

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





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