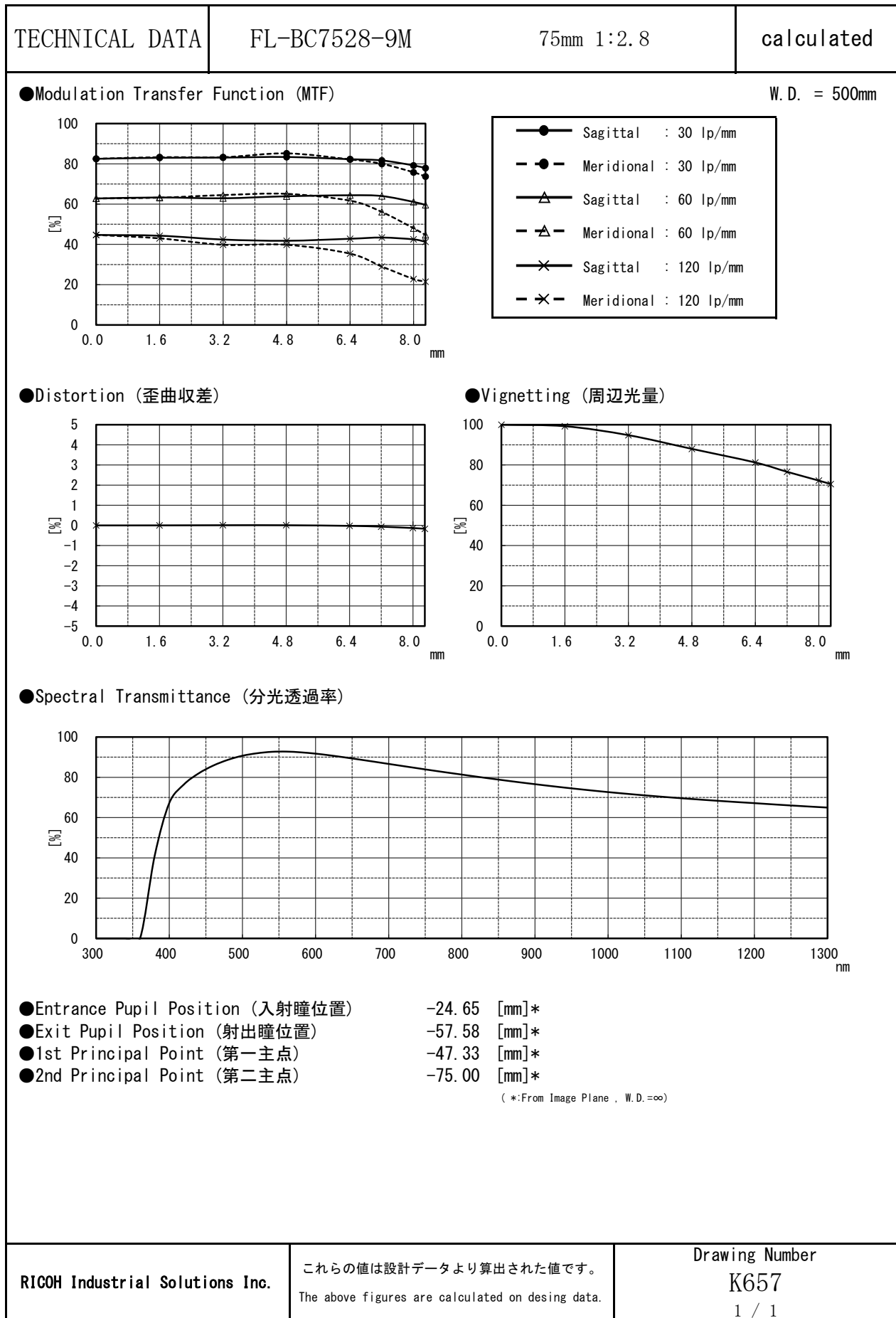




SPEC. INFO	FL-BC7528-9M	K65784-S001-B13
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1. Model FL-BC7528-9M
2. Application For 1 Format Camera

3. Specification

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

- (1) Dimensions $\phi 42.0 \text{ mm} \times 81.0 \text{ mm}$
- (2) Weight 189 g
- (3) Mount C-Mount (1 – 32 UN – 2A)
- (4) Filter Screw Size M40.5 mm , P = 0.5 mm

3-2. Optical

- (1) Focal Length 75 mm $\pm 5\%$
- (2) Max. Aperture Ratio 1: 2.8
- (3) Iris Range F / 2.8 to F / 32
- (4) Angle of View
- | | |
|------------|-------|
| Diagonal | 12.2° |
| Horizontal | 9.8° |
| Vertical | 7.3° |
- (5) Picture format 12.8 mm $\times$ 9.6 mm
- (6) Focusing Range Inf. to 0.25 m
- (7) Back Focal Length 21.3 mm (in air)
- (8) Flange Back Length 17.526 mm $\pm$ 0.05 mm (in air)

3-3. Mechanical

- (1) Focusing Mechanism
- Straight Helicoid
- Rotation Angle 309°
- Rotation Torque 0.2N·cm to 7.0 N·cm
- Focus Ring can be fixed at any positions by 3 fixing screws (A) or 1 thumb screw (refer to external view)
- (2) Iris Mechanism
- Non-click, Close-down
- Rotation Angle 86°
- Rotation Torque 0.01N·cm to 3.0 N·cm
- Iris Ring can be fixed at any positions by 3 fixing screws (B) or 1 thumb screw (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

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3-5. Environmental Temperature Range -10°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 for Focus Ring	1 pieces	(for Optional Usage)
(6) Thumbscrew for Iris Ring	1 pieces	(for Optional Usage)
(7) Packing Box	1 piece	



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