

1. Model FL-CC0814A-2M

2. Application For 2/3 Format Camera

3. Specification

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

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|-----------------------|---|
| (1) Dimensions | $\phi 42.0 \text{ mm} \times 36.7 \text{ mm}$ |
| (2) Weight | 76 g |
| (3) Mount | C-Mount (1 – 32 UN – 2A) |
| (4) Filter Screw Size | $\phi 40.5 \text{ mm}$, P = 0.5 mm |

3-2. Optical

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|-------------------------|--|
| (1) Focal Length | 8 mm $\pm 5\%$ |
| (2) Max. Aperture Ratio | 1: 1.4 |
| (3) Iris Range | F / 1.4 to F / 16 |
| (4) Angle of View | Diagonal 66.7°
Horizontal 56.3°
Vertical 43.9° |
| (5) Picture format | 8.8 mm \times 6.6 mm |
| (6) Focusing Range | Inf. to 0.1 m |
| (7) Back Focal Length | 11.1 mm (in air) |
| (8) Flange Back Length | 17.526 mm \pm 0.05 mm (in air) |

3-3. Mechanical

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|------------------------|---|
| (1) Focusing Mechanism | Straight Helicoid
Rotation Angle 144°
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 54°
Rotation Torque 0.5N·cm to 7.0 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 Environmental Temperature Range -10°C to $+50^{\circ}\text{C}$

4. Accessories

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