



1. Model FL-CC0814A-2M
2. Application For 2/3 Format Camera

3. Specification

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

- (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

- (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

- (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

- (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