



TCCR12056

Obiettivo bi-telecentrico CORE per sensori da 1/2", ingrandimento 0,114x, C-mount

CARATTERISTICHE

| | | |
|---------------------------|-----------------------|-------------------------|
| Part number (8) | | TCCR12056 |
| Ingrandimento | (x) | 0.114 |
| Image shape dimension (9) | (\emptyset , x mm) | $\emptyset=8.1$, x=7.1 |
| Phase adjustment (7) | | Yes |

Campo visivo oggetto (6)

| | | |
|------------------------------------------|-----------|-----------------------|
| Con sensore 1/3" (4.8 x 3.6 mm) | (mm x mm) | 42.0 x 31.5 |
| Con sensore 1/2.5" (5.70 x 4.28 mm) | (mm x mm) | 49.9 x 37.4 |
| Con sensore 1/2" (6.4 x 4.8 mm) | (mm x mm) | 56.0 x 42.0 |
| Con sensore 1/1.8" (7.13 x 5.37 mm) | (mm x mm) | 62.0 x 46.9 |
| Con sensore 2/3" - 5 MP (8.45 x 7.07 mm) | (mm x mm) | $\emptyset=71$, x=62 |

Specifiche ottiche

| | | |
|---------------------------------|-------|---------------|
| Distanza di lavoro (1) | (mm) | 157.8 |
| wF/# (2) | | 8 |
| Telecentricità tipica (max) (3) | (deg) | < 0.04 (0.08) |
| Distorsione tipica (max) (4) | (%) | < 0.04 (0.10) |
| Profondità di campo (5) | (mm) | 51 |
| CTF @ 70 lp/mm | (%) | > 50 |

Dimensioni

| | | |
|-------|------|------|
| Mount | | C |
| A | (mm) | 94 |
| B | (mm) | 110 |
| C | (mm) | 125 |
| Massa | (g) | 1514 |

Compatibilità

LTCLCR056-x, CMHOCR056, CMPTCR056, LTCLHP056-x

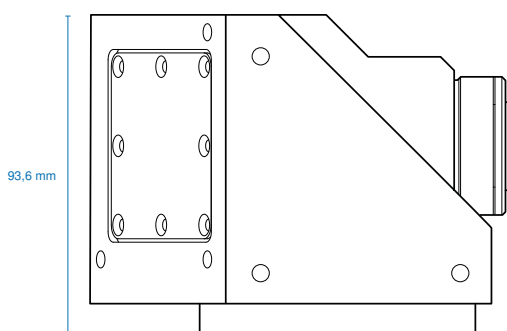
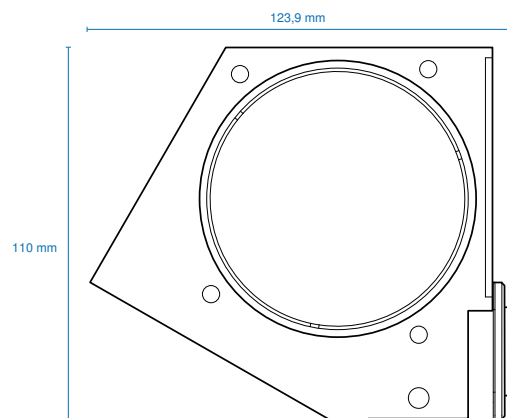
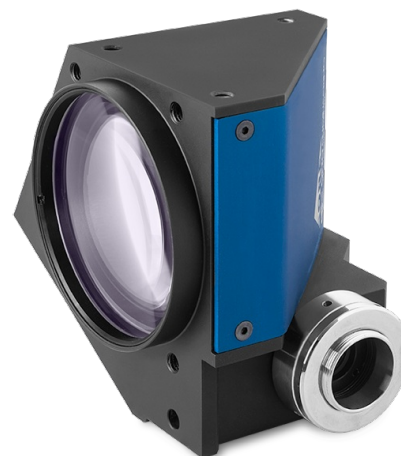
NOTE

- Working distance: distance between the front end of the mechanics and the object. Set this distance within +/- 3% of the nominal value for maximum resolution and minimum distortion.
- Working F-number (wF/#): the real F-number of a lens when used as a macro. Lenses with smaller apertures can be supplied on request.
- Maximum slope of chief rays inside the lens: when converted to millirad, it gives the maximum measurement error for any millimeter of object displacement. Typical (average production) values and maximum (guaranteed) values are listed.
- Percent deviation of the real image compared to an ideal, undistorted image: typical (average production) values and maximum (guaranteed) values are listed.
- At the borders of the field depth the image can be still used for measurement but, to get a perfectly sharp image, only half of the nominal field depth should be considered. Pixel size used for calculation is 5.5 μ m.
- In case of vignetting, FOV dimensions are indicated with " \emptyset = , x = ", where " \emptyset =" stands for diameter and "x=" indicates the nominal FOV height and length (see [Tech Info](#) for related drawing).
- Indicates the availability of an integrated camera phase adjustment feature.
- Due to the special shape of TCCR120xx it might be necessary to check the mechanical compatibility with your camera.
- Indicates the dimensions and shape of image, where " \emptyset =" stands for diameter and "x=" indicates the nominal image height and length ([Tech Info](#) for related drawing).

PRODOTTI COMPATIBILI

 **Serie LTCLHP**
Illuminatori telecentrici ad alte prestazioni

| | |
|--------------------|---------------------------------------------------------------------|
| LTCLHP056-R | Illuminatore telecentrico HP, diametro fascio luminoso 70 mm, rosso |
| LTCLHP056-G | Illuminatore telecentrico HP, diametro fascio luminoso 70 mm, verde |
| LTCLHP056-B | Illuminatore telecentrico HP, diametro fascio luminoso 70 mm, blu |



LTCLHP056-W Illuminatore telecentrico HP, diametro fascio luminoso 70 mm, bianco



Serie LTCLHP CORE

Illuminatori telecentrici ultracompati

LTCLCR056-R Illuminatore telecentrico CORE, diametro del fascio luminoso 70 mm, rosso

LTCLCR056-G Illuminatore telecentrico CORE, diametro del fascio luminoso 70 mm, verde

LTCLCR056-W Illuminatore telecentrico CORE, diametro del fascio luminoso 70 mm, bianco



Serie CMHOCR

Supporti meccanici serie CORE

CMHOCR056 Supporti meccanici per obiettivi telecentrici CORE e illuminatori Ø 56mm



Serie CMPTCR

Piastre di montaggio serie CORE

CMPTCR056 Componenti meccanici progettati per obiettivi telecentrici CORE e illuminatori Ø 56mm
