

# TCCR12096

CORE系列双远心镜头，适用于1/2"探测器，放大倍率0.068 x，C接口

参数

Part number (8)	TCCR12096	
放大	(x)	0.068
Image shape dimension (9)	(Ø, x mm)	Ø=8.3, x=6.8
Phase adjustment (7)	Yes	

物方视场 (6)

1/3" 探测器(4.8 x 3.6 mm)	(mm × mm)	70.6 x 52.9
1/2.5" 探测器(5.70 x 4.28 mm)	(mm × mm)	83.8 x 62.9
1/2" 探测器(6.4 x 4.8 mm)	(mm × mm)	94.1 x 70.6
1/1.8"探测器(7.13 x 5.37 mm)	(mm × mm)	100.0 x 78.9
2/3" - 5 MP探测器(8.45 x 7.07 mm)	(mm × mm)	Ø=122, x=100

光学规格

工作距离 (1)	(mm)	278.6
工作F值 (2)	8	
典型（最大）远心度 (3)	(deg)	< 0.06 (0.08)
典型（最大）畸变 (4)	(%)	< 0.03 (0.10)
景深 (5)	(mm)	145
CTF @ 70 lp/mm	(%)	> 45

尺寸

接口	C	
A	(mm)	139
B	(mm)	172
C	(mm)	183
质量	(g)	4224

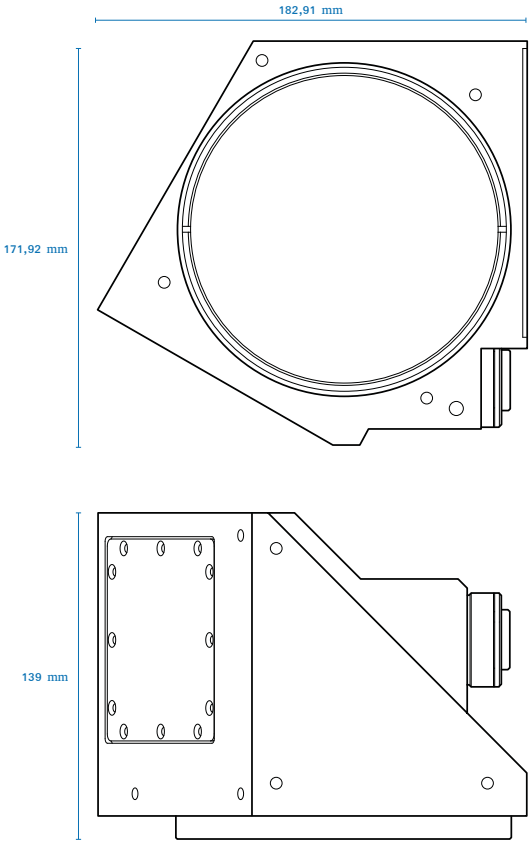
兼容产品

LTCLCR096-x, CMHOCR096, CMPTRC096, LTCLHP096-x

注释

1. 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.
2. 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.
3. 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.
4. Percent deviation of the real image compared to an ideal, undistorted image: typical (average production) values and maximum (guaranteed) values are listed.
5. 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 µm.
6. In case the of vignetting, FOV dimensions are indicated with "Ø = , x= ", where "Ø =" stands for diameter and "x=" indicates the nominal FOV height and length (see [Tech Info](#) for related drawing).
7. Indicates the availability of an integrated camera phase adjustment feature.
8. Due to the special shape of TCCR120xx it might be necessary to check the mechanical compatibility with your camera.
9. Indicates the dimensions and shape of image, where "Ø =" stands for diameter and "x=" indicates the nominal image height and length ([Tech Info](#) for related drawing).

兼容产品





LTCLHP096-G	Telecentric HP illuminator, beam diameter 120 mm, green
LTCLHP096-R	Telecentric HP illuminator, beam diameter 120 mm, red
LTCLHP096-B	Telecentric HP illuminator, beam diameter 120 mm, blue
LTCLHP096-W	Telecentric HP illuminator, beam diameter 120 mm, white



LTCLCR096-R	CORE远心照明器，光束直径120 mm，红色
LTCLCR096-G	CORE远心照明器，光束直径120 mm，绿色
LTCLCR096-W	CORE远心照明器，光束直径120 mm，白色



CMHOCR096	适用于CORE远心镜头和Ø 96mm照明器的夹持机构
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CMPTCR096	设计用于CORE远心镜头和Ø 96mm照明器的机械部件
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