



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)	(\varnothing , x mm)	$\varnothing=8.3$, x=6.8
Phase adjustment (7)		Yes

物方视场 (6)

1/3" 探测器(4.8 x 3.6 mm)	(mm x mm)	70.6 x 52.9
1/2.5" 探测器(5.70 x 4.28 mm)	(mm x mm)	83.8 x 62.9
1/2" 探测器(6.4 x 4.8 mm)	(mm x mm)	94.1 x 70.6
1/1.8"探测器(7.13 x 5.37 mm)	(mm x mm)	100.0 x 78.9
2/3" - 5 MP探测器(8.45 x 7.07 mm)	(mm x mm)	$\varnothing=122$, 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, CMPTCR096, LTCLHP096-x

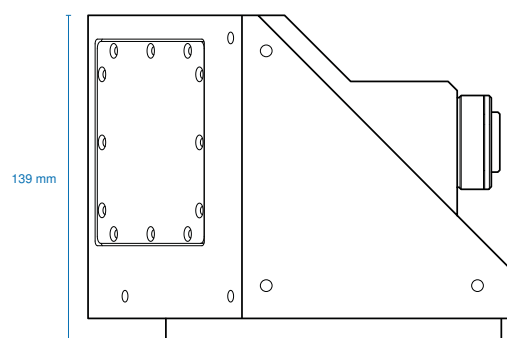
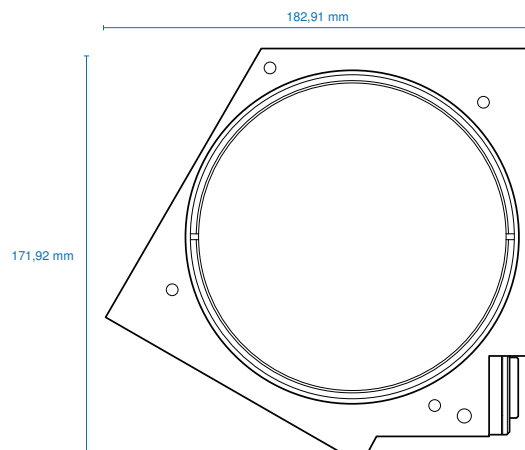
注释

- 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 μm .
- In case the of vignetting, FOV dimensions are indicated with " $\varnothing =$, x=", where " $\varnothing =$ " 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 " $\varnothing =$ " stands for diameter and "x=" indicates the nominal image height and length ([Tech Info](#) for related drawing).

兼容产品



LTCLHP 系列
高性能远心照明器



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



LTCLHP CORE 系列
超紧凑型远心照明器

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



CMHOCR 系列
夹持机构 CORE 系列

CMHOCR096	适用于CORE远心镜头和Ø 96mm照明器的夹持机构
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CMPTCR 系列
安装板CORE系列

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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