TCCR2M096-E

CORE系列远心镜头，适用于1″探测器，放大倍率0.137 x，M42x1 FD=16

参数

Part number		TCCR2M096-E
放大	(x)	0.137
Image shape dimension (8)	(Ø, x mm)	Ø=16.7, x=13.7
Phase adjustment (7)		Yes

物方视场
7

KAI-2020，14.8 mm对角线，11.84 x 8.88 (w x h)	(mm x mm)	86.6 x 65.0
KAI-04050，16 mm对角线，12.8 x 9.6 (w x h)	(mm x mm)	93.6 x 70.2
KAI-4022/4021，21.5 mm对角线，15.2 x 15.2 (w x h)	(mm x mm)	Ø= 122, x=100
KAI-08050，22.6 mm对角线，18.1 x 13.6 (w x h)	(mm x mm)	Ø= 122, x=99

光学规格

工作距离 (1)	(mm)	278.62
工作F值 (2)		16
典型（最大）远心度 (3)	(deg)	< 0.05 (0.10)
典型（最大）畸变 (4)	(%)	< 0.07 (0.10)
景深 (5)	(mm)	64
CTF@ 50 lp/mm	(%)	> 40

机械性能

接口 (6)		M42x1
A	(mm)	139
B	(mm)	172
C	(mm)	232
质量	(g)	4398

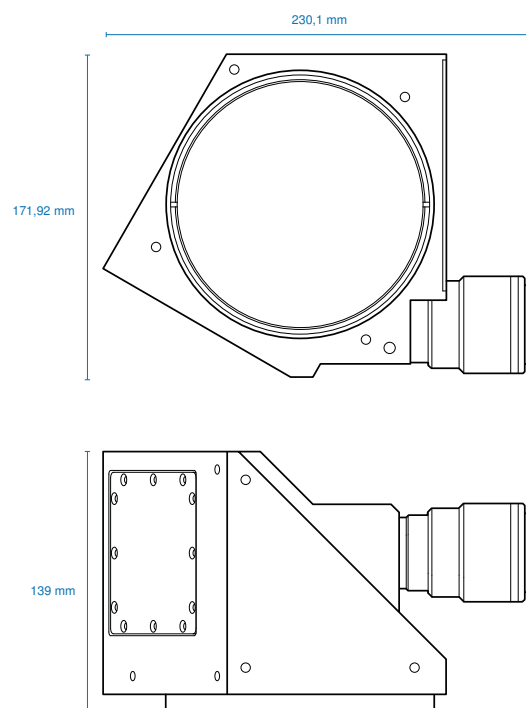## 兼容产品

LTCLCR096-x, CMHOCR096, CMPTCR096, 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 milliradians, 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. Indicates the dimensions and shape of image, where "Ø =" stands for diameter and "x=" indicates the nominal image height and length (see **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

230,1 mm

171,92 mm

139 mm

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

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