TCCR4M120-C

CORE系列远心镜头，适用于1"探测器，放大倍率0.143 x，C接口

参数

Part number		TCCR4M120-C
放大	(x)	0.143
Image shape dimension (8)	(Ø, x mm)	Ø=22.3, x=18.2
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)	82.6 x 62.0
KAI-04050，16 mm对角线，12.8 x 9.6 (w x h)	(mm x mm)	89.3 x 67.0
KAI-4022/4021，21.5 mm对角线，15.2 x 15.2 (w x h)	(mm x mm)	106.1 x 106.1
KAI-08050，22.6 mm对角线，18.1 x 13.6 (w x h)	(mm x mm)	126.3 x 94.9

光学规格

工作距离 (1)	(mm)	334.6
工作F值 (2)		16
典型（最大）远心度 (3)	(deg)	< 0.06 (0.10)
典型（最大）畸变 (4)	(%)	< 0.08 (0.10)
景深 (5)	(mm)	57.8
CTF@ 50 lp/mm	(%)	> 30

机械性能

接口 (6)		C
A	(mm)	182
B	(mm)	220
C	(mm)	278
质量	(g)	9293

兼容产品

LTCLCR120-x, LTCLHP120-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

LTCLHP120-R	Telecentric HP illuminator, beam diameter 150 mm, red
LTCLHP120-G	Telecentric HP illuminator, beam diameter 150 mm, green

LTCLHP120-W Telecentric HP illuminator, beam diameter 150 mm, white

LTCLHP CORE 系列
超紧凑型远心照明器

LTCLCR120-R	CORE远心照明器, 光束直径Ø = 156, x = 130, 红, 630 nm
LTCLCR120-G	CORE远心照明器, 光束直径Ø = 156, x = 130, 绿色, 520 nm
LTCLCR120-W	CORE远心照明器, 光束直径Ø = 156, x = 130, 白色