



# TCCR23120

CORE系列双远心镜头, 适用于2/3"探测器, 放大倍率0.052 x, C接口

## 参数

Part number (8)		TCCR23120
放大	(x)	0.072
Image shape dimension (9)	( $\varnothing$ , x mm)	$\varnothing=11.2$ , x=9.3
Phase adjustment (7)		Yes

## 物方视场 (6)

1/3" 探测器(4.8 x 3.6 mm)	(mm x mm)	67.0 x 50.3
1/2.5" 探测器(5.70 x 4.28 mm)	(mm x mm)	79.6 x 59.7
1/2" 探测器(6.4 x 4.8 mm)	(mm x mm)	89.4 x 67.0
1/1.8" 探测器(7.13 x 5.37 mm)	(mm x mm)	99.5 x 75.0
2/3" - 5 MP探测器(8.45 x 7.07 mm)	(mm x mm)	117.9 x 98.7

## 光学规格

工作距离 (1)	(mm)	334.5
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)	(%)	< 0.08 (0.10)
景深 (5)	(mm)	131
CTF @ 70 lp/mm	(%)	> 35

## 尺寸

接口		C
A	(mm)	182
B	(mm)	220
C	(mm)	231
质量	(g)	-

## 兼容产品

LTCLCR120-x, LTCLHP120-x

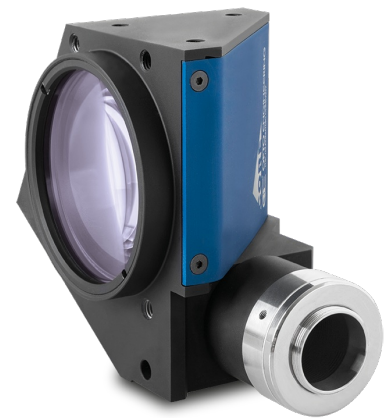
## 注释

- 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  $\mu\text{m}$ .
- 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



<b>LTCLHP120-R</b>	Telecentric HP illuminator, beam diameter 150 mm, red
<b>LTCLHP120-G</b>	Telecentric HP illuminator, beam diameter 150 mm, green
<b>LTCLHP120-W</b>	Telecentric HP illuminator, beam diameter 150 mm, white



**LTCLHP CORE 系列**  
超紧凑型远心照明器

<b>LTCLCR120-R</b>	CORE远心照明器, 光束直径 $\varnothing = 156$ , $x = 130$ , 红, 630 nm
<b>LTCLCR120-G</b>	CORE远心照明器, 光束直径 $\varnothing = 156$ , $x = 130$ , 绿色, 520 nm
<b>LTCLCR120-W</b>	CORE远心照明器, 光束直径 $\varnothing = 156$ , $x = 130$ , 白色