



# TCCAGE4MHR096HP-C

High power bi-telecentric system for 4.3" detectors, C-mount

## SPECIFICATIONS

Detector type		4/3"
Image size	(mm * mm)	18.1 x 13.6
Max. object diameter	(mm)	16
Max. object height	(mm)	68

### Optical specifications

Wavelength range	(nm)	450 .. 650
CTF @ 70 lp/mm	(%)	> 35
wF/# (1)		16

### Mechanical specifications

Width	(mm)	179
Length	(mm)	347
Height	(mm)	480
Mass	(g)	9292
Mount		C
Phase adjustment (2)		Yes

### Electrical specifications (3)

Ring light		
LED voltage	(V)	< 30 (typ.)
LED current	(mA)	4000
LED power	(W)	120

Coaxial light		
LED voltage	(V)	< 30 (typ.)
LED current	(mA)	10000
LED power	(W)	300

Cable	included
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## NOTES

- 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.
- F/# = F-number, wF/# = working F-number, the real F-number of a lens when used as a macro.
- Strobe only, constant current driving, Max Ton = 1 ms, max duty cycle 1%.

## COMPATIBLE PRODUCTS

Despite the efforts made to generate an error-free compatibility list, we always recommend to consult the Opto Engineering® technical support department before purchasing a compatible product. Opto Engineering® shall not be liable for any damage or malfunctioning caused by the incorrect selection of a compatible product.



### Accessories

Accessories and add-ons to make the most of Opto Engineering lenses.

CSCAGE096	Sample for alignment of TCCAGExx096
SPMI003	First surface mirror, active area 25x75 mm, mount type 1
SPPS002	Right angle prism, legs 33.3 mm, H 72 mm, mirror coating



All product specifications and data are subject to change without notice to improve reliability, functionality, design or other. Photos and pictures are for illustration purposes only.