



TCCAGE2MHR096HP-C

High power bi-telecentric system for 1" detectors, C-mount

SPECIFICATIONS

Detector type		1"
Image size	(mm * mm)	14.2 x 7.5
Max. object diameter	(mm)	16
Max. object height	(mm)	68

Optical specifications

Wavelength range	(nm)	450 .. 650
CTF @ 70 lp/mm	(%)	> 40
wF/# (1)		16

Mechanical specifications

Width	(mm)	179
Length	(mm)	347
Height	(mm)	457
Mass	(g)	9223
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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Last update: 2020-06-11

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.