



TCCAGE4MHR096-C

High resolution bi-telecentric multi-mirror 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		
Ring illumination voltage	(V, DC)	24
Ring illumination power	(W)	3
Coaxial illumination voltage	(V, DC)	24
Coaxial illumination power	(W)	15
Cable		included

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.

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.



LTRNOB series

LED ring illuminators - oblique type

LTRN075R45	Ring LED illuminator, inner diameter 28 mm, oblique type, red 630 nm
LTRN075G45	Ring LED illuminator, inner diameter 28 mm, oblique type, green 525 nm
LTRN075B45	Ring LED illuminator, inner diameter 28 mm, oblique type, blue 470 nm
LTRN075W45	Ring LED illuminator, inner diameter 28 mm, oblique type, white



CB series

Cables

CB244P1501	Power cable, side 1 M8 connector straight, side 2 cable end - 2 m - type 2 labels
CB244P1501L	Power cable, side 1 M8 connector angled, side 2 cable end - 2 m - type 2 labels



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.



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
