TCCAGE3MHR048-C

High resolution bi-telecentric multi-mirror system for 1.1" detectors, C-mount

SPECIFICATIONS

Detector type		1.1"
Image size	(mm * mm)	14.2 x 10.4
Max. object diameter	(mm)	5
Max. object height	(mm)	32

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

Mechanical specifications		
Width	(mm)	111
Length	(mm)	192.8
Height	(mm)	271
Mass	(g)	2720
Mount		C
Phase adjustment (2)		Yes

Electrical specifications		
Ring illumination voltage	(V, DC)	24
Ring illumination power	(W)	3
Coaxial lillumination voltage	(V, DC)	24
Coaxial illumination power	(W)	9
Cable		included

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NOTES

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. 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

LTRN050R45	Ring LED illuminator, inner diam. 15.2 mm, oblique type, red 630 nm
LTRN050G45	Ring LED illuminator, inner diam. 15.2 mm, oblique type, green 525 nm
LTRN050B45	Ring LED illuminator, inner diam. 15.2 mm, oblique type, blue 470 nm
LTRN050W45	Ring LED illuminator, inner diameter 15.2 mm, oblique type, white

Accessories

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

CSCAGE048	Sample for alignment of TCCAGExx048
SPMI001	First surface mirror, active area 20x40 mm, mount type 1
SPMI002	First surface mirror, active area 20x40 mm, mount type 2

SPPS001   Right angle prism, legs 17 mm, H 39 mm, mirror coating