



TCCAGE3MHR048HP-C

High power bi-telecentric 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 (3)

Ring light

LED voltage	(V)	< 25 (typ.)
LED current	(mA)	4000
LED power	(W)	100

Coaxial light

LED voltage	(V)	< 30 (typ.)
LED current	(mA)	6000
LED power	(W)	180

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%.



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.