

CMMR048

45° first surface mirror for 75 mm clamping diameter optics

SPECIFICATIONS

Optical specifications

Coating 1		Aluminium reflective coating
Deviation angle	(deg)	90
Clamping diameter	(mm)	75

Mechanical specifications

Clamping system		locking
Length	(mm)	102.0
Width	(mm)	102.0
Height	(mm)	121.1
Mass	(g)	508

Compatible products

Telecentric lenses		TCxx048, TC2MHR048-x, TC4MHR048-x, TC16M048-x
Telecentric illuminators		LTCLHP048-x

Optional accessories

Protective windows 2		WI048
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NOTES

1. Normal reflectance > 98% - bandwidth: 430-670 nm
2. To be ordered separately

Additional clamping mechanics are required to adequately support combination of CMMR with telecentric lenses and illuminators. CMHO series clamping mechanics can be used prior to verification of mechanical compatibility (see CMHO series mechanical drawings available online). CMHO is not compatible with the combination of the following two products: CMMR and TC13xxx.

COMPATIBLE PRODUCTS



TC series
Bi-telecentric lenses for matrix detectors up to 2/3"

TC13048	Bi-telecentric lens for 1/3" detectors, magnification 0.098 x, C-mount
TC12048	Bi-telecentric lens for 1/2" detectors, magnification 0.134 x, C-mount
TC23048	Bi-telecentric lens for 2/3" detectors, magnification 0.184 x, C-mount



TC2MHR and TC4MHR series
High resolution telecentric lenses for large detectors up to 1.2"

TC2MHR048-C	High resolution telecentric lens for 1" detectors, magnification 0.268x, C-mount
TC2MHR048-F	High resolution telecentric lens for 1" detectors, magnification 0.268x, F-mount
TC2MHR048-E	High resolution telecentric lens for 1" detectors, magnification 0.268x, mount M42X1 FD=16
TC4MHR048-C	High resolution telecentric lens for 1.2" detectors, magnification 0.369x, C-mount
TC4MHR048-F	High resolution telecentric lens for 1.2" detectors, magnification 0.369x, F-mount
TC4MHR048-E	High resolution telecentric lens for 1.2" detectors, magnification 0.369x, mount M42X1 FD=16



TC16M series
Telecentric lenses for 35 mm and 4k/8k linescan cameras

TC16M048	Telecentric lens for 35 mm detectors, magnification 0.751 x, F-mount
TC16M048-Q	Telecentric lens for 35 mm detectors, magnification 0.751 x, mount M58x0.75 FD =6.56



LTCLHP series
High-performance telecentric illuminators

LTCLHP048-R	Telecentric HP illuminator, beam diameter 60 mm, red
LTCLHP048-G	Telecentric HP illuminator, beam diameter 60 mm, green
LTCLHP048-B	Telecentric HP illuminator, beam diameter 60 mm, blue
LTCLHP048-W	Telecentric HP illuminator, beam diameter 60 mm, white



WI series
Protective windows

WI048	Protective window for 75 mm clamping diameter optics
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