

CMMR080

45° first surface mirror for 116 mm clamping diameter optics

SPECIFICATIONS

Optical specifications

Coating 1	Aluminium reflective coating	
Deviation angle	(deg)	90
Clamping diameter	(mm)	116

Mechanical specifications

Clamping system	locking	
Length	(mm)	144.0
Width	(mm)	144.0
Height	(mm)	160.9
Mass	(g)	1605

Compatible products

Telecentric lenses	TC23072, TCxx080, TC2MHR080-x, TC4MHR080-x, TC16M080-x, TC12K080
Telecentric illuminators	LTCLHP080-x

Optional accessories

Protective windows 2	WI080
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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"

TC23072	Bi-telecentric lens for 2/3" detectors, magnification 0.122 x, C-mount
TC13080	Bi-telecentric lens for 1/3" detectors, magnification 0.059 x, C-mount
TC12080	Bi-telecentric lens for 1/2" detectors, magnification 0.080 x, C-mount
TC23080	Bi-telecentric lens for 2/3" detectors, magnification 0.110 x, C-mount



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

TC2MHR080-C	High resolution telecentric lens for 1" detectors, magnification 0.160x, C-mount
TC2MHR080-F	High resolution telecentric lens for 1" detectors, magnification 0.160x, F-mount
TC2MHR080-E	High resolution telecentric lens for 1" detectors, magnification 0.160x, mount M42X1 FD=16
TC4MHR080-C	High resolution telecentric lens for 1.2" detectors, magnification 0.221x, C-mount
TC4MHR080-F	High resolution telecentric lens for 1.2" detectors, magnification 0.221x, F-mount
TC4MHR080-E	High resolution telecentric lens for 1.2" detectors, magnification 0.221x, mount M42X1 FD=16



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

TC16M080	Telecentric lens for 35 mm detectors, magnification 0.463 x, F-mount
TC16M080-Q	Telecentric lens for 35 mm detectors, magnification 0.463 x, mount M58x0.75 FD = 6.56



TC12K series
Telecentric lenses for 12k and 16kpx line scan cameras

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.

TC12K080 Telecentric lens for 12k and 16k linescan cameras, magnification 0.698 x, M72 x 0.75 mount



LTCLHP series
High-performance telecentric illuminators

LTCLHP080-R Telecentric HP illuminator, beam diameter 100 mm, red

LTCLHP080-G Telecentric HP illuminator, beam diameter 100 mm, green

LTCLHP080-B Telecentric HP illuminator, beam diameter 100 mm, blue

LTCLHP080-W Telecentric HP illuminator, beam diameter 100 mm, white



WI series
Protective windows

WI080 Protective window for 116 mm clamping diameter optics
