

45° first surface mirror for 144.0 x 38.5 mm clamping diameter optics, right angle vertical bend



### SPECIFICATIONS

#### Optical specifications

|                 |                                                           |    |
|-----------------|-----------------------------------------------------------|----|
| Coating         | Aluminium reflective coating, R>90%, bandwidth 430-670 nm |    |
| Deviation angle | (°)                                                       | 90 |

#### Mechanical specifications

|                                          |                 |              |
|------------------------------------------|-----------------|--------------|
| Clamping size                            | (mm)            | 144.0 x 38.5 |
| Clamping system                          | mounting screws |              |
| Working distance difference <sup>1</sup> | (mm)            | 43.3         |
| Length                                   | (mm)            | 199.3        |
| Width                                    | (mm)            | 177.0        |
| Height                                   | (mm)            | 72.0         |
| Mass                                     | (g)             | 659          |

Protective windows<sup>2</sup> N.A.

<sup>1</sup> Value to be subtracted from the objective or illuminator working distance when the CMBS is used

<sup>2</sup> To be ordered separately

### KEY ADVANTAGES

Reflect light at 90°.

Ideal for **limited space**.

**Easy and secure clamping system**.

**Compatible** with telecentric lenses and illuminators.

Optional **protective windows** available.

**CMMR series** is the Opto Engineering® answer to tight space integration issues, opening new installation options for your application.

### COMPATIBILITY

This products is compatible with the following lenses:

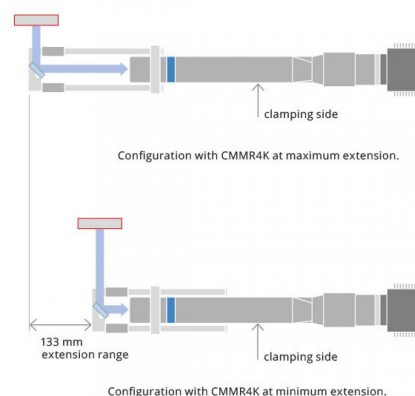
- TC4K120-x

This products is compatible with the following illuminators:

- LTCL4K120-x

### CMMR SETUP

CMMR4K-V bends the light rays vertically.  
UPWARD BEND



### COMPATIBLE PRODUCTS

Full list of compatible products available [here](#).



A wide selection of innovative machine vision components.