

# CMBS056 | DATASHEET

## 45° beam splitter with mount for 80.0 mm claming diameter optics



### SPECIFICATIONS

#### Optical specifications

Front coating	Beam splitter 50/50 @ 45°, bandwidth 430-670 nm	
Back coating	Normal reflectance <0.5%, bandwidth 430-670 nm	
Clear aperture	(mm)	76
Deviation angle	(°)	90
Working distance difference <sup>1</sup>	(mm)	108.3
Protective windows <sup>2</sup>	WI056	

#### Mechanical specifications

Clamping size	(mm)	80.0
Clamping system	locking	
Length	(mm)	131.3
Width	(mm)	108.0
Height	(mm)	131.3
Mass	(g)	1402

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

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

### KEY ADVANTAGES

**Ready to use** and easy to setup.

**Ideal to create coaxial illumination solutions.**

**50% transmission and 50% reflection.**

**Easy and secure clamping system.**

**Compatible** with telecentric lenses and illuminators.

**CMBS series** is a collection of 50/50 plate beam splitter modules designed to create highly efficient coaxial illumination solutions with Opto Engineering® telecentric lenses and collimated illuminators.

### COMPATIBILITY

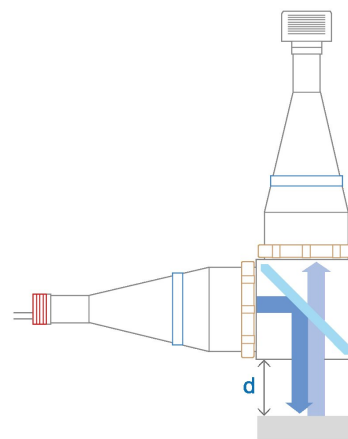
This products is compatible with the following lenses:

- TCxx056
- TCxMHR056-x
- TC1xM056-x

This products is compatible with the following illuminators:

- LTCLHP056-x

### CMBS SETUP



### COMPATIBLE PRODUCTS

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



A wide selection of innovative machine vision components.