



## UMC



### Mirror Columns for Safety light curtains and Multiple light beam safety devices

The mirror columns UMC are used for the beam deflection of Safety light curtains and Multiple light beam safety devices in order to achieve multi-sided safeguarding of danger zones. They allow for a precise vertical and axial alignment of the mirrors. Spring elements at the base of the column provide for automatic reset following mechanical impacts.

UMC-1002, -1303 and -1304 are equipped with 2, 3 and 4 single mirrors for the beam deflection of single light axes.

UMC-1000, UMC-1300, UMC-1600, and UMC-1900 have one continuous mirror surface for the beam deflection of light curtains.

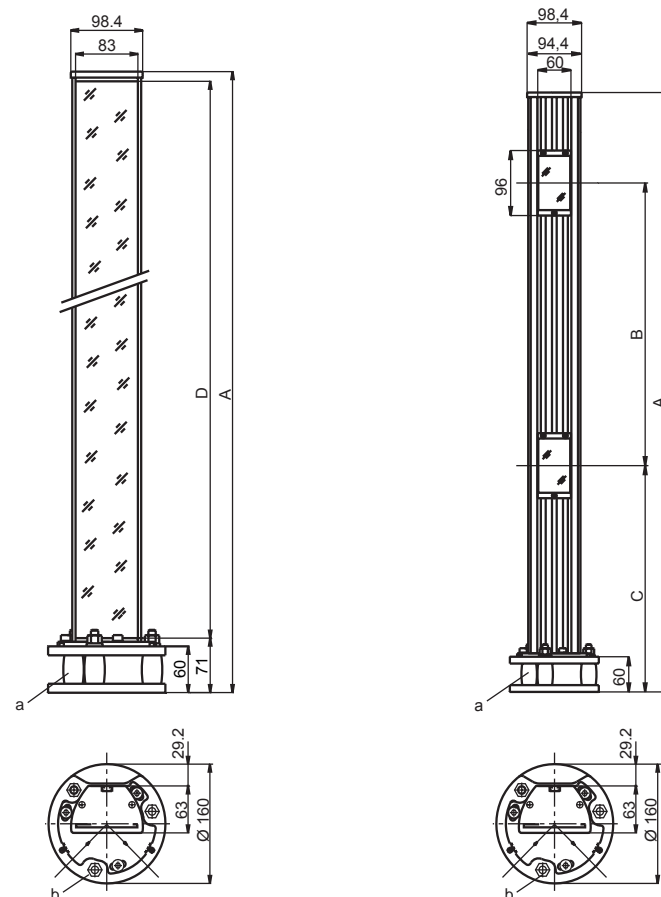
## Advantages

- Special spring elements automatically reset the position in case of mechanical impacts
- Includes a complete assembly kit for floor mounting
- Easy to mount; vertical and axial adjustment can be completed quickly in just a few steps
- Exchangeable, individually adjustable single mirrors
- Light axis interval in accordance with prEN 999
- Sturdy, attractively designed profile construction

## Areas of Application

Multi-sided safeguarding of danger zones in combination with Multiple light beam safety devices COMPACT, ROBUST, AREAL or light curtains of the COMPACT or ECO series.

## Dimensional Drawings



a = Plastic spring element with automatic reset function  
b = 3 drillings into the ground for dowels, diameter 10 mm (80 mm deep)

**Dimensional Table:**  
**UMC with Single Mirrors**

Type	Mea. A [mm]	Mea. B [mm]	Mea. C [mm]
UMC-1002	1060	500	400
UMC-1303	1360	400	300
UMC-1304	1360	300	300

**Dimensional Table: UMC with Continuous Mirror Surface**

Type	Mea. A [mm]	Mea. D [mm]
UMC-1000	1060	974
UMC-1300	1360	1274
UMC-1600	1660	1574
UMC-1900	1960	1874

other heights available upon request





## Technical Data

Mirrors	2, 3 or 4 individually adjustable single mirrors or one continuous mirror surface
Housing	Aluminum profile housing and steel floor plates
Surface	Powder-varnished, yellow (RAL 1021)
Range	Reduction in the stated light grid range per deflection of approx. 10 %

## Ordering Information

### Order Numbers

Type	Order No.
UMC-1002 (2 single mirrors, 500 mm interval) *)	549702
UMC-1303 (3 single mirrors, 400 mm interval) *)	549703
UMC-1304 (4 single mirrors, 300 mm interval) *)	549704
UMC-1000 (1 continuous mirror, height 974 mm) **)	549710
UMC-1300 (1 continuous mirror, height 1274 mm)**)	549713
UMC-1600 (1 continuous mirror, height 1574 mm)**)	549716
UMC-1900 (1 continuous mirror, height 1874 mm)**)	549719

\*) suited for Multiple light beam safety devices with single beams, such as COMPACT, ROBUST, and AREAL

\*\*\*) suited for light curtains with a continuous sensing zone, such as COMPACT and ECO