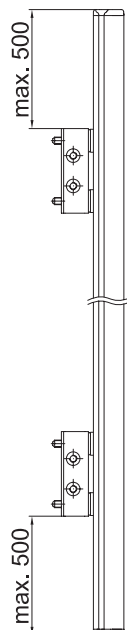


## Deflecting Mirrors for Safety light curtains

**Note:**  
From a length of 1200 mm, use swiveling bracket BT-SSD (2 pieces). To prevent the mirror from swinging, if required, adjust the distances of the swiveling bracket so that the mirror does not swing.



UM60-150...1800

- continuous mirror surface for beam deflection of light curtains
- sturdy aluminium profile
- narrow and flat construction
- Mounting brackets allow mounting and alignment in the preference angles 0, 45, 90° as well as swivel-mounted.

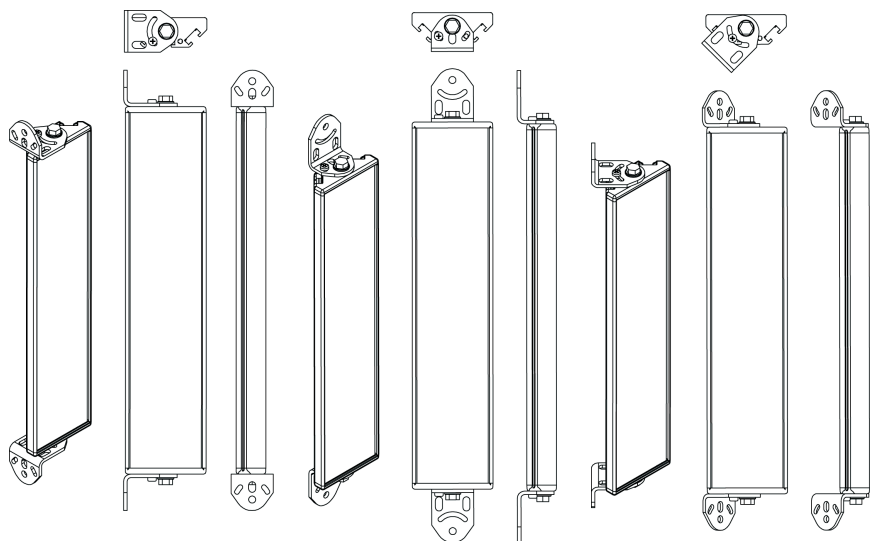
Multi sided safeguarding of danger zones in combination with safety light curtains of the ECO, SOLID, COMPACT and COMPACT*plus*.

The technical drawings illustrate the geometry of the 6000 series ball bearing unit. The top row shows the front view (left) and side view (right). The bottom row shows two cross-sectional views (left and right), highlighting the swivelling angle.

- Front View:** Shows a width of approximately 26.5 mm and a height of 70 mm.
- Side View:** Shows a total length of 50 mm, with segments of 10 mm, 25 mm, and 11.3 mm.
- Cross-sections:** Indicate a swivelling angle of  $\pm 8^\circ$ . Dimensions include a total height of approximately 40 mm and a specific feature height of approximately 34 mm. The overall width of the assembly is 51.2 mm.

## Mounting variants UM60-Mirrors

### Mounting with standard bracket BT-UM60:

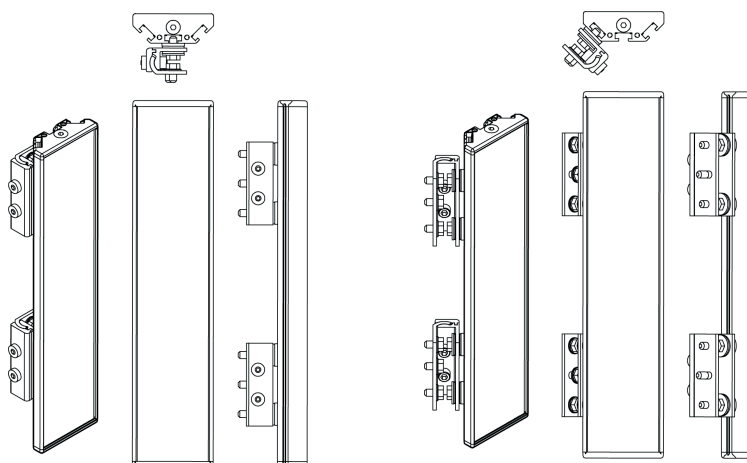


collateral

backsided

angular adjustable (0-90°)

### Mounting with swiveling mounting bracket BT-SSD:



backsided

collateral 45°

Dimensional table:

| Type      | Continuous mirror length SL [mm] | Mirror carrier L [mm] |
|-----------|----------------------------------|-----------------------|
| UM60-150  | 210                              | 220                   |
| UM60-225  | 285                              | 295                   |
| UM60-300  | 360                              | 370                   |
| UM60-450  | 510                              | 520                   |
| UM60-600  | 660                              | 670                   |
| UM60-750  | 810                              | 820                   |
| UM60-900  | 960                              | 970                   |
| UM60-1050 | 1110                             | 1120                  |
| UM60-1200 | 1260                             | 1270                  |
| UM60-1350 | 1410                             | 1420                  |
| UM60-1500 | 1560                             | 1570                  |
| UM60-1650 | 1710                             | 1720                  |
| UM60-1800 | 1860                             | 1870                  |

## Technical data

|         |                                       |
|---------|---------------------------------------|
| Mirrors | Continuous mirror surface             |
| Surface | Powder varnished, yellow (RAL 1021)   |
| Housing | Aluminium profile housing             |
| Range   | Reduction per deflection of about 10% |

## Ordering information

| Type      | Art. no. |
|-----------|----------|
| UM60-150  | 529601   |
| UM60-225  | 529602   |
| UM60-300  | 529603   |
| UM60-450  | 529604   |
| UM60-600  | 529606   |
| UM60-750  | 529607   |
| UM60-900  | 529609   |
| UM60-1050 | 529610   |
| UM60-1200 | 529612   |
| UM60-1350 | 529613   |
| UM60-1500 | 529615   |
| UM60-1650 | 529616   |
| UM60-1800 | 529618   |

Other mirror length on request

## Accessories

| Type                                                                       | Art. no. |
|----------------------------------------------------------------------------|----------|
| BT/UM60<br>UM60 mounting set containing 2 UM60 mounting bracket and screws | 430105   |
| BT-SSD swiveling mounting bracket with vibration damping                   | 560300   |
| Mounting bracket                                                           | 560120   |