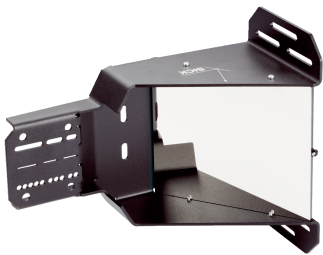


# Lector deflector mirror

Mirror

REFLECTORS AND OPTICS

**SICK**  
Sensor Intelligence.



Ordering information

Type	part no.
Lector deflector mirror	2096970

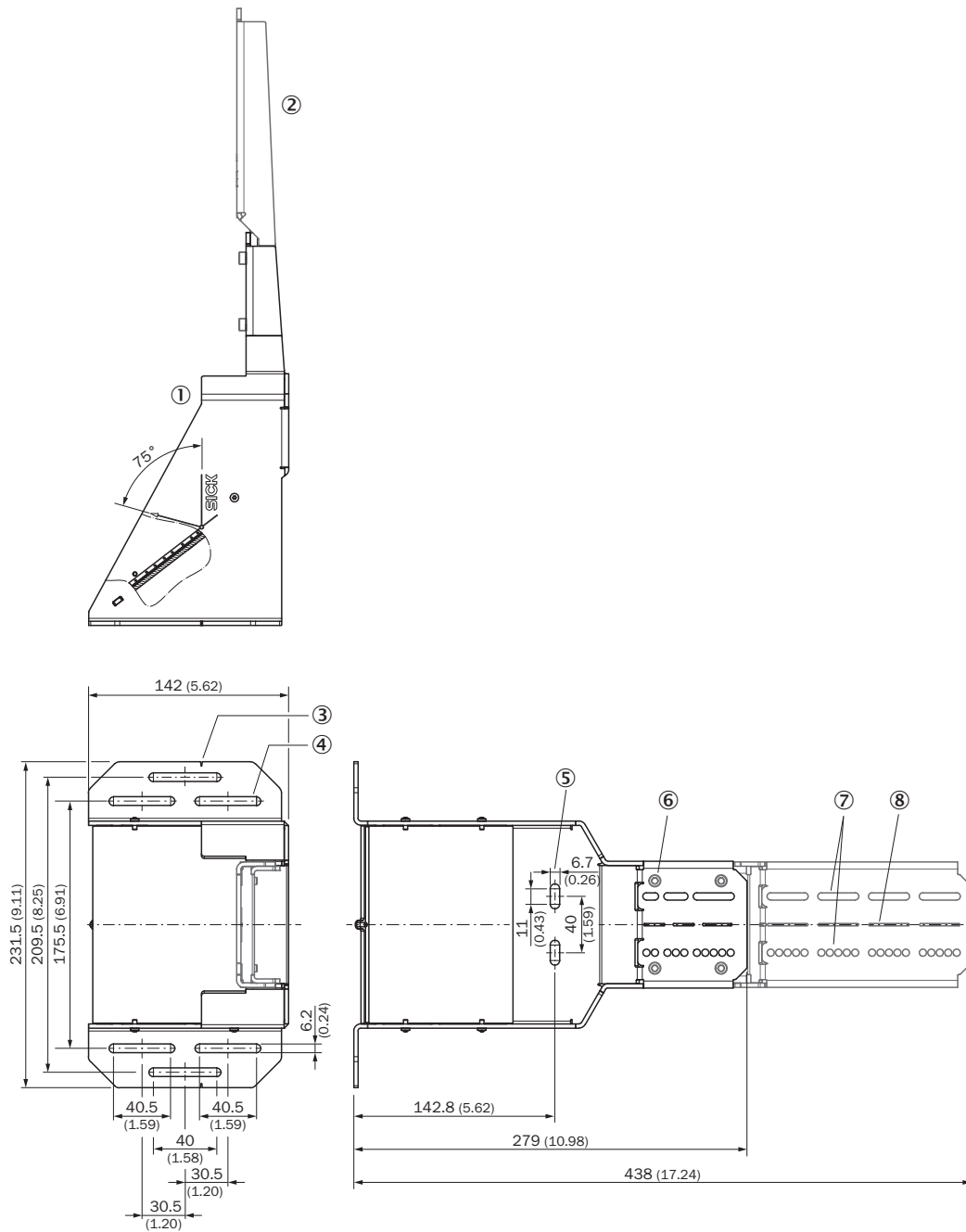
Other models and accessories → [www.sick.com/Mirror](http://www.sick.com/Mirror)

Detailed technical data

Classifications

<b>ECLASS 5.0</b>	27279207
<b>ECLASS 5.1.4</b>	27279207
<b>ECLASS 6.0</b>	27279207
<b>ECLASS 6.2</b>	27279207
<b>ECLASS 7.0</b>	27279207
<b>ECLASS 8.0</b>	27279207
<b>ECLASS 8.1</b>	27279207
<b>ECLASS 9.0</b>	27273605
<b>ECLASS 10.0</b>	27273605
<b>ECLASS 11.0</b>	27273605
<b>ECLASS 12.0</b>	27273605
<b>ETIM 5.0</b>	EC002467
<b>ETIM 6.0</b>	EC002467
<b>ETIM 7.0</b>	EC002467
<b>ETIM 8.0</b>	EC002467
<b>UNSPSC 16.0901</b>	39111827

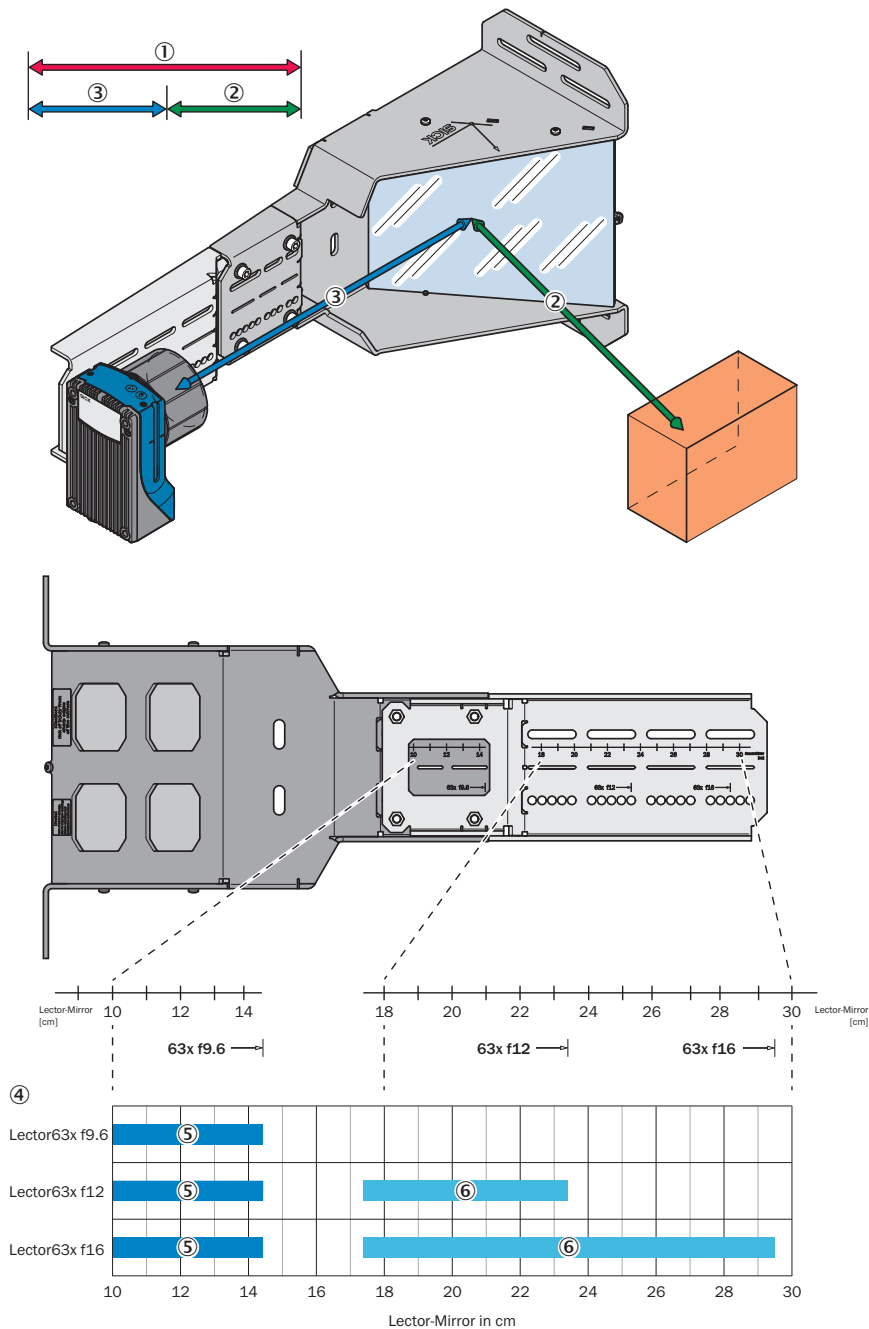
## Dimensional drawing Lector deflector mirror



Dimensions in mm (inch)

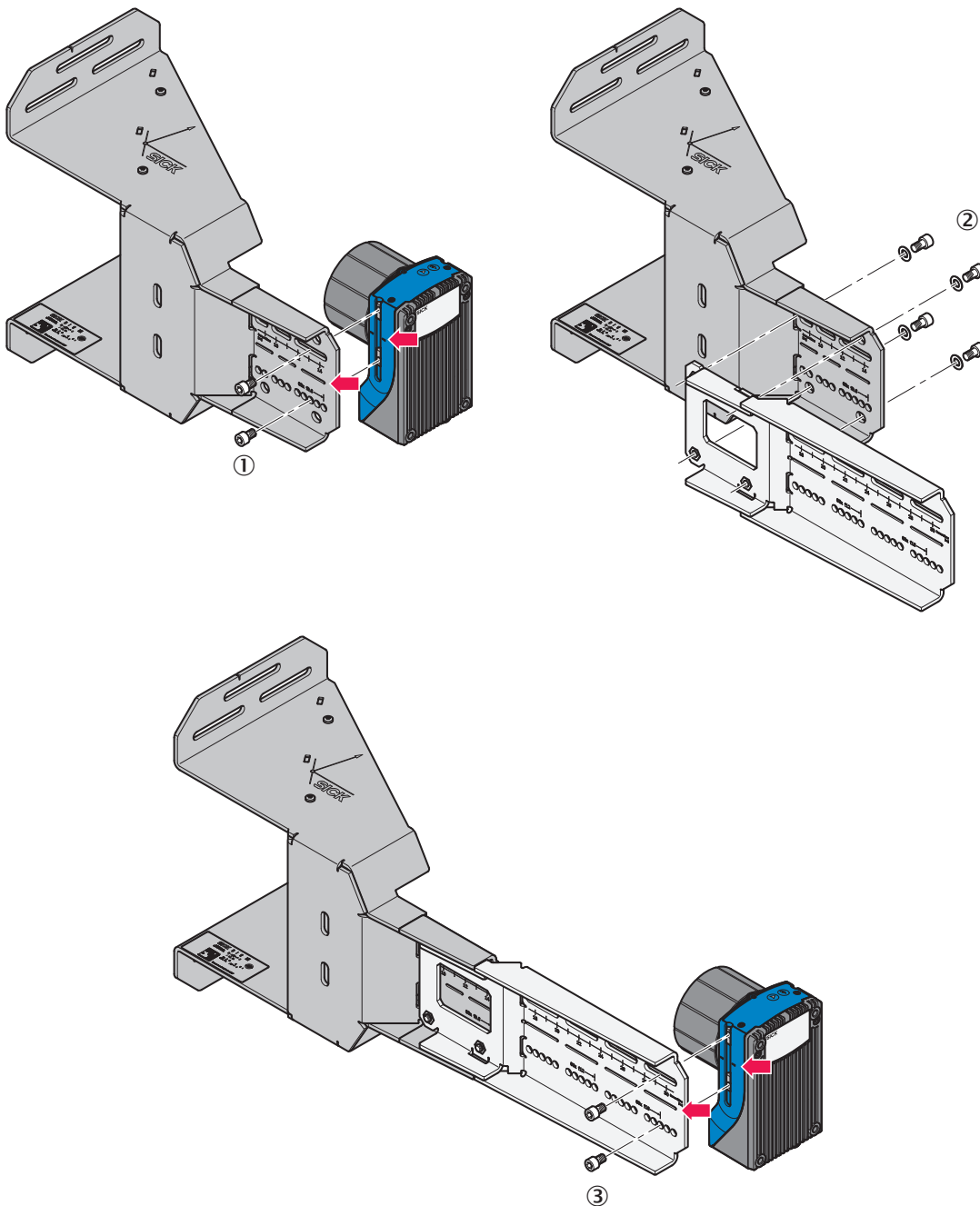
- ① Deflector mirrors
- ② Extension
- ③ Notch as measuring aid for determining the distance between mirror and object
- ④ Slotted holes for mounting the deflector mirror (top side)
- ⑤ Slotted holes for mounting the deflector mirror (back side)
- ⑥ Through hole for mounting the extension
- ⑦ Through holes and slotted holes for mounting Lector
- ⑧ Viewing slots for positioning Lector on the optical axis

### Instruction for installation Determining the mounting position



- ① Determine the required working distance using the Lector view diagram depending on the application conditions
- ② Determine the required distance between object and mirror depending on the application conditions
- ③ Calculate the resulting distance between Lector and mirror
- ④ Decide using the diagram whether or not the extension is required
- ⑤ Attainable distances between Lector and mirror without extension
- ⑥ Attainable distances between Lector and mirror with extension

## Instruction for installation Lector deflector mirror



- ① Use without extension: screw Lector to the deflector mirror at the desired distance (see printed measuring scale), pay attention to the vertical alignment (narrow slotted hole and mark on Lector, see red arrows)
- ② Use with extension: screw extension to the deflector mirror (4x)
- ③ Screw Lector to the extension at the desired distance (see printed measuring scale), pay attention to the vertical alignment (narrow slotted hole and mark on Lector, see red arrows)

## SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

**For us, that is “Sensor Intelligence.”**

## WORLDWIDE PRESENCE:

Contacts and other locations –[www.sick.com](http://www.sick.com)