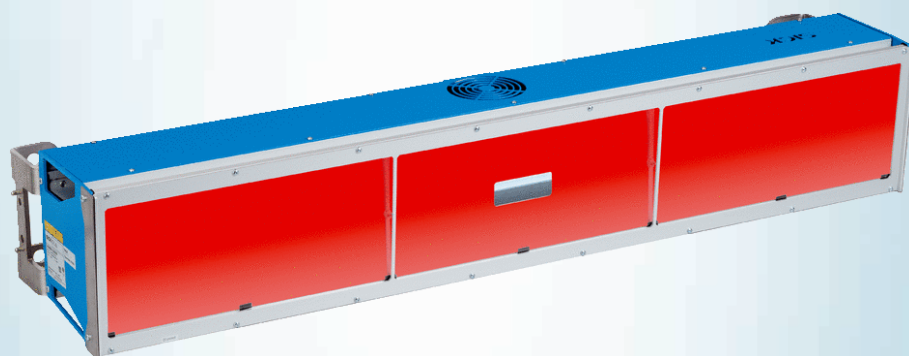


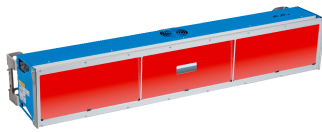


# ICI890-23000

Illuminations

REFLECTORS AND OPTICS

**SICK**  
Sensor Intelligence.



## Ordering information

| Type         | part no. |
|--------------|----------|
| ICI890-23000 | 1077069  |

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



## Detailed technical data

## Features

|                                      |                                          |
|--------------------------------------|------------------------------------------|
| <b>Product segment</b>               | Reflectors and optics                    |
| <b>Product</b>                       | Illuminations                            |
| <b>Product version</b>               | LED                                      |
| <b>Application</b>                   | Indoor area                              |
| <b>Description</b>                   | Illumination for ICD89x, length 1,150 mm |
| <b>Light source</b>                  | Visible red light, 630 nm                |
| <b>LED class</b>                     | Risk group 1                             |
| <b>Supply voltage</b>                | 24 V DC, $\pm 20\%$ <sup>1)</sup>        |
| <b>Connections</b>                   | Harting                                  |
| <b>Ambient operating temperature</b> | 0 °C ... +50 °C                          |
| <b>Storage temperature</b>           | -20 °C ... +70 °C                        |
| <b>Permissible relative humidity</b> | 95 %, Non-condensing                     |
| <b>Ambient conditions</b>            | Degree of contamination 2 (EN 61010-1)   |
| <b>Altitude (above sea level)</b>    | < 2,000 m                                |
| <b>Weight</b>                        | 17.4 kg                                  |

<sup>1)</sup> ES1 according to EN 62368-1 or SELV according to EN 60950-1 (each according to currently valid standard).

## Certificates

|                                       |   |
|---------------------------------------|---|
| <b>EU declaration of conformity</b>   | ✓ |
| <b>UK declaration of conformity</b>   | ✓ |
| <b>ACMA declaration of conformity</b> | ✓ |
| <b>China RoHS</b>                     | ✓ |

## Classifications

|                     |          |
|---------------------|----------|
| <b>ECLASS 5.0</b>   | 27110635 |
| <b>ECLASS 5.1.4</b> | 27110635 |
| <b>ECLASS 6.0</b>   | 27110635 |
| <b>ECLASS 6.2</b>   | 27110635 |
| <b>ECLASS 7.0</b>   | 27110635 |
| <b>ECLASS 8.0</b>   | 27110635 |
| <b>ECLASS 8.1</b>   | 27110635 |

|                       |          |
|-----------------------|----------|
| <b>ECLASS 9.0</b>     | 27110635 |
| <b>ECLASS 10.0</b>    | 27110635 |
| <b>ECLASS 11.0</b>    | 27110635 |
| <b>ECLASS 12.0</b>    | 27110635 |
| <b>ETIM 5.0</b>       | EC000996 |
| <b>ETIM 6.0</b>       | EC000996 |
| <b>ETIM 7.0</b>       | EC000996 |
| <b>ETIM 8.0</b>       | EC000996 |
| <b>UNSPSC 16.0901</b> | 39101628 |

## 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)