



ICL300-F222

**SICK**  
Sensor Intelligence.



## Ordering information

Type	Part no.
ICL300-F222	1046820

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

## Detailed technical data

### Technical specifications

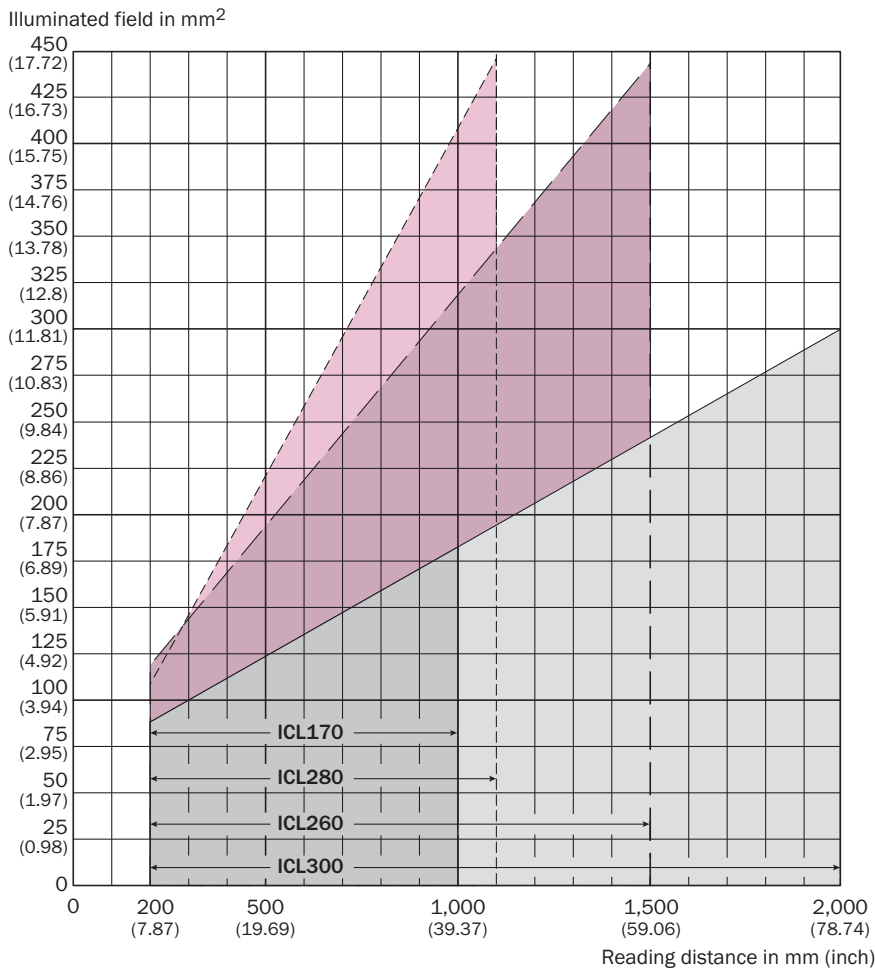
<b>Accessory group</b>	Illuminations
<b>Accessory family</b>	LED
<b>Description</b>	Ring lighting, bright field spot, red lighting color, lighting distance 0.2 m ... 2 m, temperature 0 °C ... +40 °C
<b>Ambient operating temperature</b>	0 °C ... +40 °C <sup>1)</sup>
<b>Ambient storage temperature</b>	-25 °C ... +70 °C <sup>1)</sup>
<b>LED class</b>	Risk group 1 (low risk, IEC62471 : 2006)





<sup>1)</sup> Relative humidity: 93 %.

### Classifications

<b>ECl@ss 5.0</b>	27110635
<b>ECl@ss 5.1.4</b>	27110635
<b>ECl@ss 6.0</b>	27110635
<b>ECl@ss 6.2</b>	27110635
<b>ECl@ss 7.0</b>	27110635
<b>ECl@ss 8.0</b>	27110635
<b>ECl@ss 8.1</b>	27110635
<b>ECl@ss 9.0</b>	27110635
<b>ECl@ss 10.0</b>	27110635
<b>ECl@ss 11.0</b>	27110635
<b>ETIM 5.0</b>	EC000996
<b>ETIM 6.0</b>	EC000996
<b>ETIM 7.0</b>	EC000996
<b>UNSPSC 16.0901</b>	39101628


## Reading field diagram




-  Illuminated field ICL170-F222
-  Illuminated field ICL260-F222
-  Illuminated field ICL280-F222, ICL280-F202S01
-  Illuminated field ICL300-F222, ICL300-F202S01

## Recommended accessories

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

	Brief description	Type	Part no.
<b>Mounting brackets and plates</b>			
	Mounting bracket for mounting ICLxxx, mounting hardware included	Mounting bracket	2049750

	Brief description	Type	Part no.
Plug connectors and cables			
	Head A: female connector, M8, 4-pin, straight Head B: Flying leads Cable: shielded, 2 m For external ICL ring illuminations and dark field light	Connecting cable for ICL illumination	6030681
	Head A: female connector, M8, 4-pin, straight Head B: Flying leads Cable: shielded, 5 m For external ICL ring illuminations and dark field light	Connecting cable for ICL illumination	6030682
	Head A: female connector, M8, 4-pin, straight Head B: Flying leads Cable: shielded, 10 m For external ICL ring illuminations and dark field light	Connecting cable for ICL illumination	6030683

## 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)