



## ICL300-F222

Illuminations

REFLECTORS AND OPTICS

**SICK**  
Sensor Intelligence.



## Ordering information

Type	part no.
ICL300-F222	1046820

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>Description</b>	Ring lighting, bright field spot, red lighting color, lighting distance 0.2 m ... 2 m, temperature 0 °C ... +40 °C
<b>LED class</b>	Risk group 1 (low risk, IEC62471 : 2006)
<b>Power consumption</b>	≤ 5 W
<b>Ambient operating temperature</b>	0 °C ... +40 °C <sup>1)</sup>
<b>Storage temperature</b>	-25 °C ... +70 °C <sup>1)</sup>

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

## Certificates

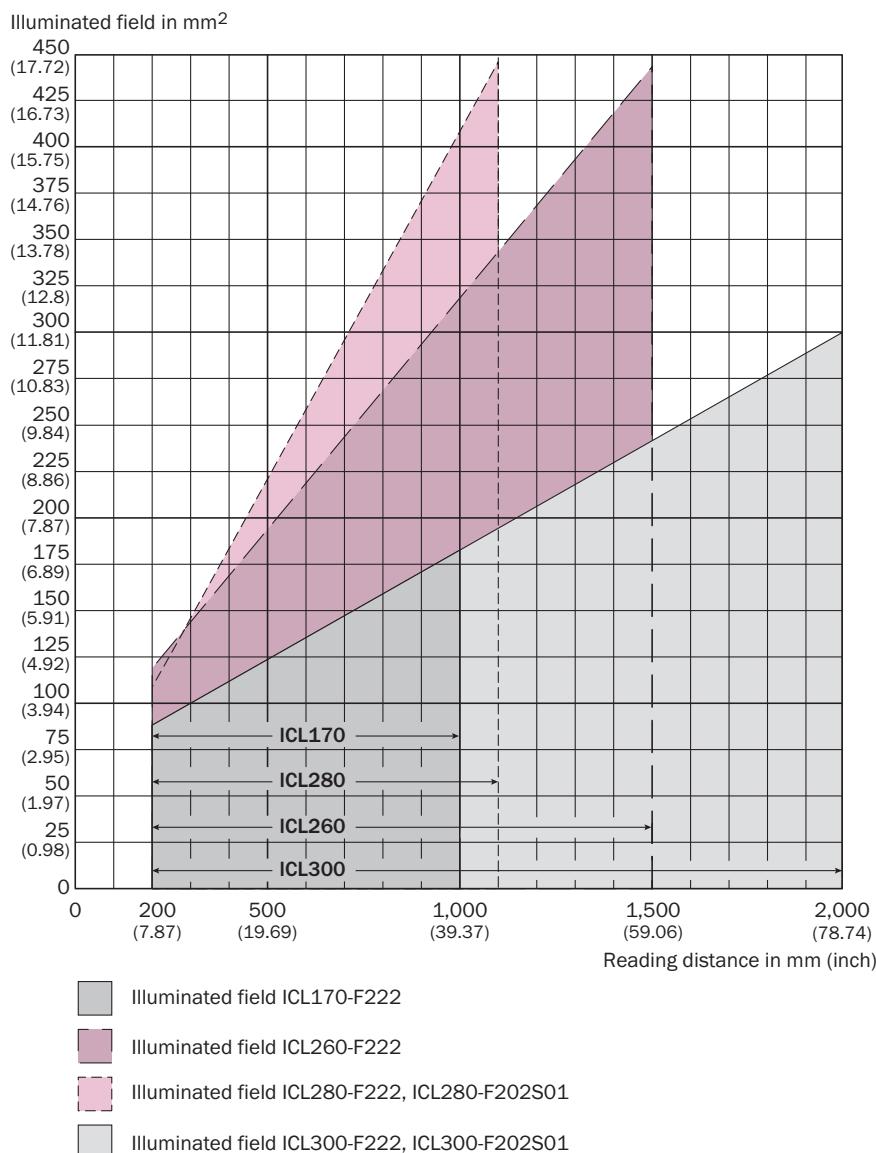
<b>EU declaration of conformity</b>	✓
<b>UK declaration of conformity</b>	✓
<b>ACMA declaration of conformity</b>	✓
<b>China RoHS</b>	✓

## 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

### Reading field diagram



## Recommended accessories

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

	Brief description	Type	part no.
Mounting systems			
	<ul style="list-style-type: none"> <li><b>Description:</b> Mounting bracket for mounting ICLxxx</li> <li><b>Items supplied:</b> Mounting hardware included</li> </ul>	Mounting bracket	2049750
connectors and cables			
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Female connector, M8, 4-pin, straight</li> <li><b>Connection type head B:</b> Flying leads</li> <li><b>Cable:</b> 2 m, 4-wire</li> <li><b>Description:</b> Shielded</li> <li><b>Connection systems:</b> Flying leads</li> <li><b>Note:</b> For external ICL ring illuminations and dark field light</li> </ul>	Connecting cable for ICL illumination	6030681
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Female connector, M8, 4-pin, straight</li> <li><b>Connection type head B:</b> Flying leads</li> <li><b>Cable:</b> 5 m, 4-wire</li> <li><b>Description:</b> Shielded</li> <li><b>Connection systems:</b> Flying leads</li> <li><b>Note:</b> For external ICL ring illuminations and dark field light</li> </ul>	Connecting cable for ICL illumination	6030682
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Female connector, M8, 4-pin, straight</li> <li><b>Connection type head B:</b> Flying leads</li> <li><b>Cable:</b> 10 m, 4-wire</li> <li><b>Description:</b> Shielded</li> <li><b>Connection systems:</b> Flying leads</li> <li><b>Note:</b> For external ICL ring illuminations and dark field light</li> </ul>	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)