



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



Detailed technical data

Features

Product segment	Reflectors and optics
Product	Illuminations
Product version	LED
Description	Ring lighting, bright field spot, red lighting color, lighting distance 0.2 m ... 2 m, temperature 0 °C ... +40 °C
LED class	Risk group 1 (low risk, IEC62471 : 2006)
Power consumption	≤ 5 W
Ambient operating temperature	0 °C ... +40 °C ¹⁾
Storage temperature	-25 °C ... +70 °C ¹⁾

¹⁾ Relative humidity: 93 %.

Certificates

EU declaration of conformity	✓
UK declaration of conformity	✓
ACMA declaration of conformity	✓
China RoHS	✓

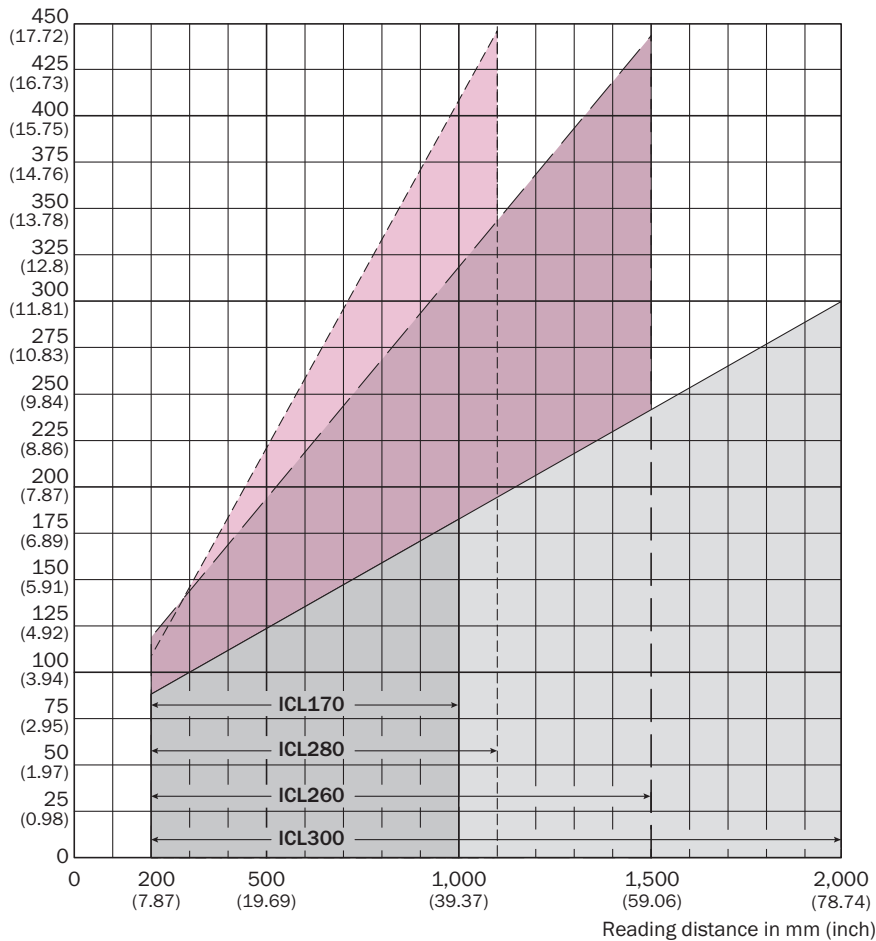
Classifications

ECLASS 5.0	27110635
ECLASS 5.1.4	27110635
ECLASS 6.0	27110635
ECLASS 6.2	27110635
ECLASS 7.0	27110635
ECLASS 8.0	27110635
ECLASS 8.1	27110635
ECLASS 9.0	27110635
ECLASS 10.0	27110635
ECLASS 11.0	27110635

ECLASS 12.0	27110635
ETIM 5.0	EC000996
ETIM 6.0	EC000996
ETIM 7.0	EC000996
ETIM 8.0	EC000996
UNSPSC 16.0901	39101628

Reading field diagram





Illuminated field in mm²



- 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/Illuminations

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