



## ICL110-F142

Illuminations

REFLECTORS AND OPTICS

**SICK**  
Sensor Intelligence.



## Ordering information

Type	part no.
ICL110-F142	1027286

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, white lighting color, lighting distance 100 mm ... 350 mm
<b>Enclosure rating</b>	IP65
<b>Light source</b>	LED, white
<b>LED class</b>	Risk group 1 (low risk, IEC62471 : 2006)
<b>Power consumption</b>	≤ 5 W
<b>Supply voltage</b>	24 V DC, ± 20 %
<b>Power consumption</b>	≤ 250 mA
<b>Connections</b>	M12 male connector, 8-pin, L = 0.8 m
<b>Ambient operating temperature</b>	0 °C ... +50 °C <sup>1)</sup>
<b>Storage temperature</b>	-25 °C ... +70 °C <sup>2)</sup>
<b>Weight</b>	Approx. 580 g

<sup>1)</sup> Relative humidity: 85 %.

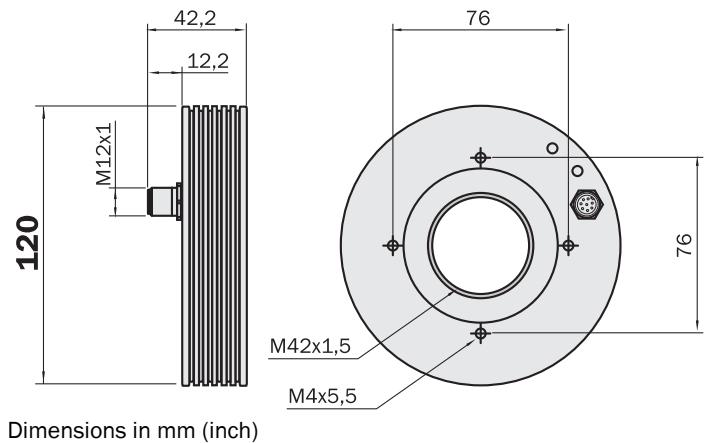
<sup>2)</sup> Relative humidity: 93 %.

## Classifications

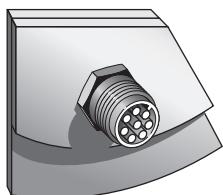
<b>ECLASS 5.0</b>	27110635
<b>ECLASS 5.1.4</b>	27110635
<b>ECLASS 6.0</b>	27110635
<b>ECLASS 6.2</b>	27110635
<b>ECLASS 7.0</b>	27110635
<b>ECLASS 8.0</b>	27110635
<b>ECLASS 8.1</b>	27110635
<b>ECLASS 9.0</b>	27110635
<b>ECLASS 10.0</b>	27110635
<b>ECLASS 11.0</b>	27110635
<b>ECLASS 12.0</b>	27110635

<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

**Dimensional drawing**



**Connection type**



## 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)