

Optical element - PSD-S OE LED MC - 2702090

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LED permanent light element, 24 V DC, 7 colors

Product Description

The multi-colored LED permanent light element is designed for signaling machine states, for example. The optical element can light up red, green, yellow, blue, white, violet, and turquoise. The color is selected via different combinations of the control signals present at the signal tower connection element.

Your advantages

- ✓ 7 colors in one element
- ✓ Can be freely combined
- ✓ High light and color intensity
- ✓ Minimum LED service life of 50,000 h
- ✓ Low power consumption
- ✓ IP65 degree of protection

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 943185
GTIN	4046356943185
Weight per Piece (excluding packing)	77.000 g
Custom tariff number	85318070
Country of origin	Germany

Technical data

Dimensions

Diameter	70 mm
Height	65.5 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
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Technical data

Ambient conditions

Degree of protection	IP65, when installed or with cover
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General

Material	Polycarbonate PC
Calotte color	clear
Color	red
	green
	yellow
	blue
	white
	violet
	turquoise
Note color	In an unconnected state the calotte is clear, once connected it is illuminated according to the colors specified in the control.
Weight	63 g
Mounting position	any
Assembly instructions	Rubber seal pre-installed for each element

Electrical data

Input voltage	24 V DC
Maximum inrush current	max. 500 mA
Current consumption	120 mA
Service life, electrical	max. 50,000 h
Operating time	100 %
Optical signal type	Permanent light

Approvals / conformities

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
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Standards and Regulations

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
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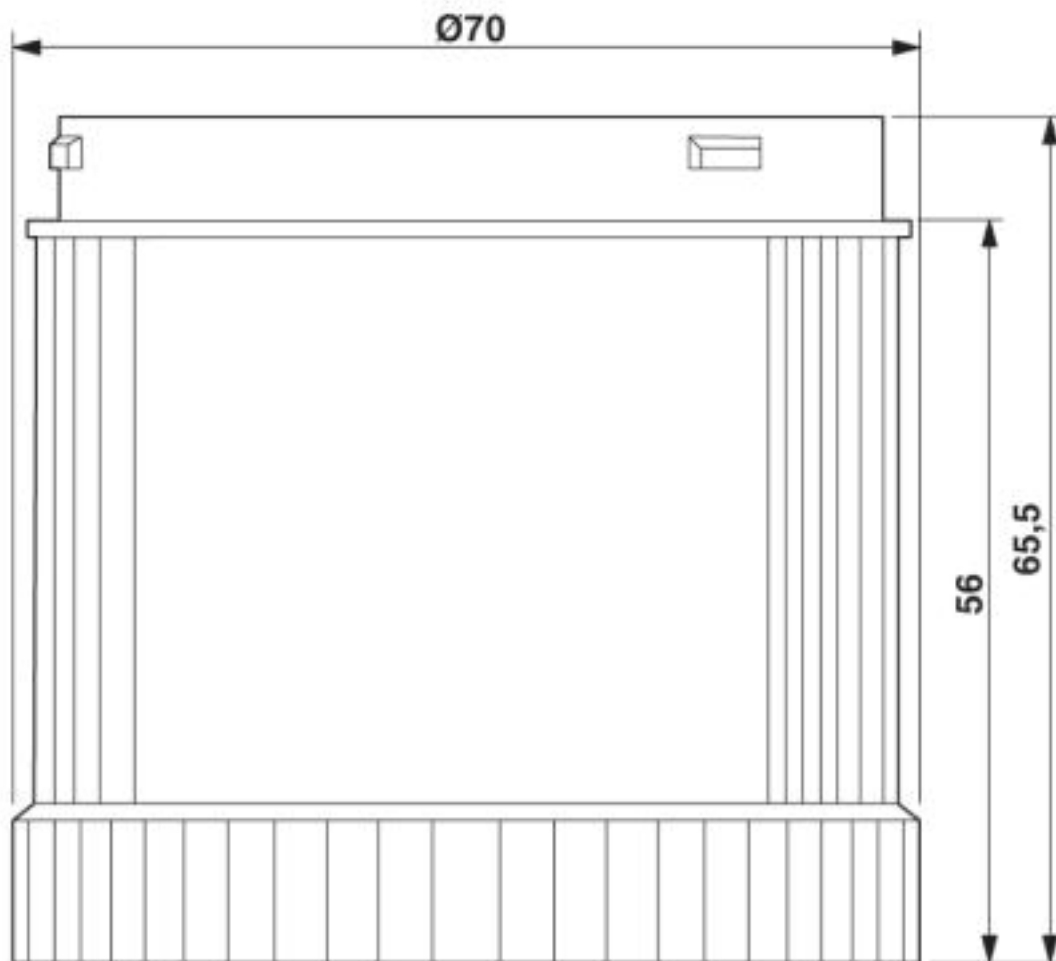
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

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Dimensional drawing



Classifications

eCl@ss

eCl@ss 5.0	27371200
eCl@ss 5.1	27371200
eCl@ss 6.0	27371200
eCl@ss 7.0	27371220
eCl@ss 8.0	27371220
eCl@ss 9.0	27371220

ETIM

ETIM 5.0	EC000232
ETIM 6.0	EC000232
ETIM 7.0	EC000232

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Classifications

UNSPSC

UNSPSC 13.2	46171604
UNSPSC 18.0	46171604
UNSPSC 19.0	46171604
UNSPSC 20.0	46171604
UNSPSC 21.0	46171604

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 123528
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 123528
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cULus Listed			
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