Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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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.

Why buy this product

- ☑ 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 STK
GTIN	
GTIN	4046356943185

Technical data

Dimensions

Diameter	70 mm
Height	65.5 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Degree of protection	IP65, when installed or with cover

General

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Optical element - PSD-S OE LED MC - 2702090

Technical data

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

Standards and Regulations

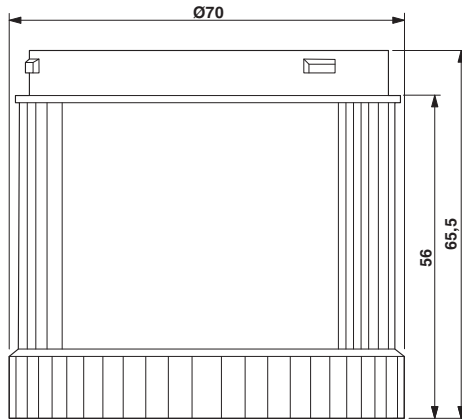| Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU

Environmental Product Compliance

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

Drawings

Optical element - PSD-S OE LED MC - 2702090

Dimensional drawing

Ø70

56

65,5

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 |

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

| cULus Listed | | | |

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