

Optical element - PSD-S OE LED MC - 2702090

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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
- ✓ Degree of protection: IP65



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 943185 |
| 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

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 |
|-------------------------------|---|

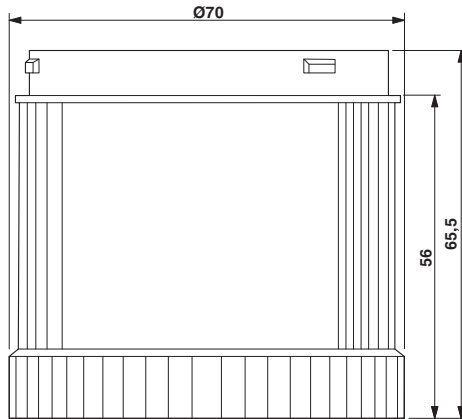
Environmental Product Compliance

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

Drawings

Optical element - PSD-S OE LED MC - 2702090

Dimensional drawing



Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27371220 |
| eCl@ss 11.0 | 27371220 |
| eCl@ss 5.0 | 27371200 |
| eCl@ss 5.1 | 27371200 |
| eCl@ss 6.0 | 27371200 |
| eCl@ss 7.0 | 27371220 |
| eCl@ss 9.0 | 27371220 |

ETIM

| | |
|----------|----------|
| ETIM 6.0 | EC000232 |
| ETIM 7.0 | EC000232 |

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


Optical element - PSD-S OE LED MC - 2702090


Approvals

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 |  | | |
|--------------|---|--|--|

Phoenix Contact 2021 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>