

## Optical element - PSD-S OE LED BL RD - 2700114

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 blinking light element, 24 V AC/DC, red

### Your advantages

- ✓ Tool-free element changeover
- ✓ High light and color intensity
- ✓ Can be freely combined
- ✓ Minimum LED service life of 50,000 h
- ✓ Low power consumption
- ✓ IP65 degree of protection

RoHS

### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                    |
| GTIN                                 | <br>4 046356 491099 |
| GTIN                                 | 4046356491099                                                                                           |
| Weight per Piece (excluding packing) | 59.000 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                   |
| Degree of protection            | IP65, when installed or with cover |

#### General

|          |                  |
|----------|------------------|
| Material | Polycarbonate PC |
|----------|------------------|

## Optical element - PSD-S OE LED BL RD - 2700114

### Technical data

#### General

|                       |                                            |
|-----------------------|--------------------------------------------|
| Calotte color         | red                                        |
| Weight                | 59 g                                       |
| Mounting position     | any                                        |
| Assembly instructions | Rubber seal pre-installed for each element |

#### Electrical data

|                          |                |
|--------------------------|----------------|
| Input voltage            | 24 V AC/DC     |
| Maximum inrush current   | max. 500 mA    |
| Current consumption      | max. 35 mA     |
| Service life, electrical | max. 100,000 h |
| Operating time           | 100 %          |
| Optical signal type      | LED flashlight |
| Signal frequency         | approx. 1 Hz   |

#### Approvals / conformities

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

#### Standards and Regulations

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

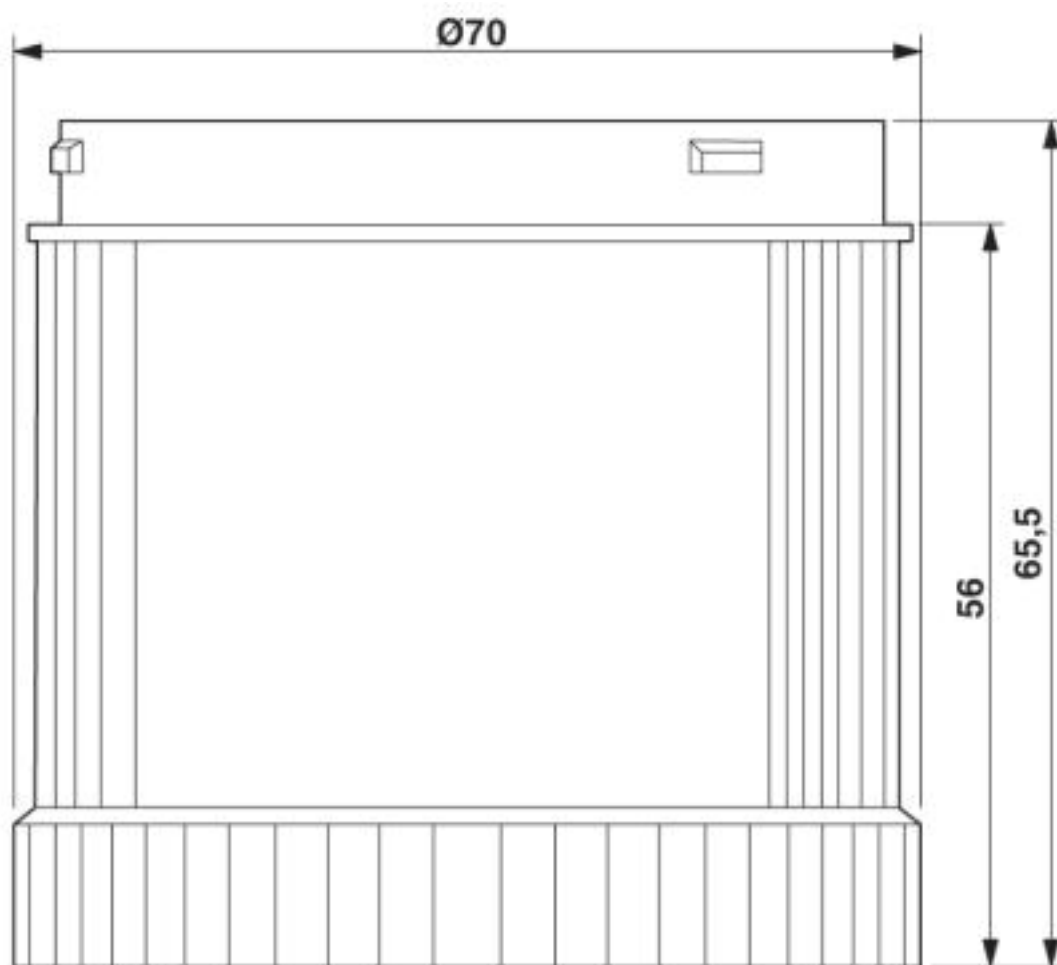
#### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| 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 BL RD - 2700114

Dimensional drawing



### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27143200 |
| eCl@ss 4.1 | 27143200 |
| 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 3.0 | EC000232 |
| ETIM 4.0 | EC000232 |
| ETIM 5.0 | EC000232 |

# Optical element - PSD-S OE LED BL RD - 2700114

## Classifications

### ETIM

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

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11     | 39121311 |
| UNSPSC 12.01  | 39121311 |
| 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 / EAC / EAC / cULus Listed

#### Ex Approvals

### Approval details

|           |                                                                                     |                                                                                                                                                       |               |
|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| UL Listed |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 123528 |
|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|

|            |                                                                                     |                                                                                                                                                       |               |
|------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| cUL Listed |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 123528 |
|------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|

|     |                                                                                     |               |
|-----|-------------------------------------------------------------------------------------|---------------|
| EAC |  | EAC-Zulassung |
|-----|-------------------------------------------------------------------------------------|---------------|

|     |                                                                                     |                          |
|-----|-------------------------------------------------------------------------------------|--------------------------|
| EAC |  | RU *-<br>DE.A*30.B.00237 |
|-----|-------------------------------------------------------------------------------------|--------------------------|

## Optical element - PSD-S OE LED BL RD - 2700114

### Approvals

cULus Listed



Phoenix Contact 2019 © - all rights reserved  
<http://www.phoenixcontact.com>