

# PSD-S 50 OE LED RD - Optical element



1018261

<https://www.phoenixcontact.com/us/products/1018261>

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Permanent light element, 16 V DC ... 26 V DC, red, LED

## Product description

This optical signal element is designed to be part of a modular signal tower. According to your requirements, a signal tower can be combined as desired, from a maximum of five signal elements. Only use an audible signal element as the top element. A bayonet locking system establishes the mechanical and electrical connection between the elements. Connection elements with spring-cage connection can be used for electrical connection of the signal tower. Various accessories are available to assemble the signal tower.

## Your advantages

- Can be freely combined
- High light and color intensity
- Minimum LED service life of 50,000 h
- Degree of protection IP65

## Commercial data

Item number	1018261
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR07
Product key	DRL112
GTIN	4055626502274
Weight per piece (including packing)	47.1 g
Weight per piece (excluding packing)	47.1 g
Customs tariff number	85318070
Country of origin	AT

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## Technical data

### Product properties

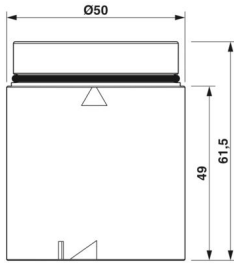
Product type	Optical element
Area of application	Signal tower
Base	B15d (bayonet)

### Electrical properties

#### General

Input voltage	24 V DC
Nominal input voltage range	16 V DC ... 26 V DC
Maximum inrush current	max. 500 mA
Current consumption	max. 35 mA
Source of light type	LED
Operating time	100 %
Service life electrical	max. 100,000 h
Optical signal type	Permanent light

### Dimensions

Dimensional drawing	
Height	61.5 mm
Diameter	50 mm

### Material specifications

Calotte color	red
Material	Polycarbonate PC

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP65 (when installed or with end cover)
Ambient temperature (operation)	-30 °C ... 60 °C

### EMC data

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
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### Mounting

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Mounting type	Plug-in mounting
Assembly note	Rubber seal pre-installed for each element
Mounting position	any

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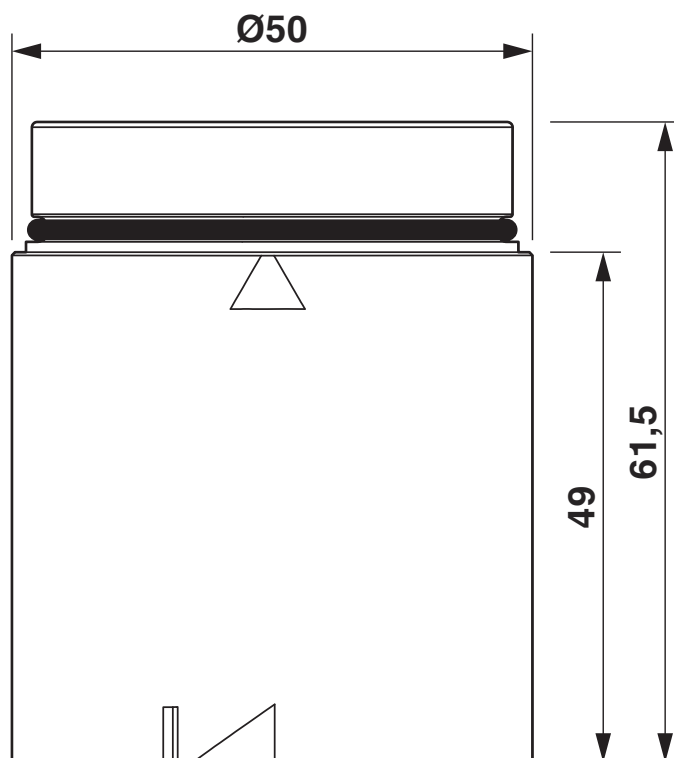
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## Drawings

Dimensional drawing



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1018261>

 **UL Listed**  
Approval ID: FILE E 140324

 **cUL Listed**  
Approval ID: FILE E 140324

**cULus Listed**

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## Classifications

### ECLASS

ECLASS-11.0	27371220
ECLASS-12.0	27371220
ECLASS-13.0	27371220

### ETIM

ETIM 9.0	EC000232
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### UNSPSC

UNSPSC 21.0	46171600
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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## Accessories

### PSD-S 50 CE - Connection element

1018740

<https://www.phoenixcontact.com/us/products/1018740>

Base for horizontal and third-party tube assembly



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### PSD-S 50 CE-M12-5P - Connection element

1018853

<https://www.phoenixcontact.com/us/products/1018853>

Base with integrated M12 male (5 pins)





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## PSD-S 50 CE A-NPT 1/2 - Connection element

1018850

<https://www.phoenixcontact.com/us/products/1018850>

Base for NPT 1/2 conduit assembly



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## PSD-S 50 CE BR-SM/HCR - Connection element

1018742

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Base for vertical assembly



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## PSD-S 50 CE BT 100 - Connection element

1018760

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Tube base on 100 mm plastic tube with integrated foot



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## PSD-S 50 CE BT 250-M - Connection element

1018801

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Tube base on 250 mm aluminum tube with plastic foot



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## PSD-S 50 CE BT 400-M - Connection element

1018845

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Tube base on 400 mm aluminum tube with plastic foot



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