

# PSD-S OE LED RFL RD - Optical element



2700118

<https://www.phoenixcontact.com/us/products/2700118>

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LED random flashing beacon element, 24 V 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
- Random flashing light prevents familiarization effect
- Degree of protection IP65

## Commercial data

Item number	2700118
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR07
Product key	DRL112
GTIN	4046356491136
Weight per piece (including packing)	82.8 g
Weight per piece (excluding packing)	78 g
Customs tariff number	85318070
Country of origin	DE

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## Technical data

### Notes

#### Note on application

Note on application	Only for industrial use
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### Product properties

Product type	Signal element
Product family	PSD-S
Area of application	Signal tower

### Electrical properties

#### General

Input voltage	24 V DC
Maximum inrush current	max. 500 mA
Current consumption	typ. 25 mA
Source of light type	LED
Operating time	100 %
Service life electrical	max. 50,000 h
Optical signal type	LED random flashing beacon (RLF)

### Dimensions

Dimensional drawing	
Height	65.5 mm
Diameter	70 mm

### Material specifications

Calotte color	red
Color	red (RAL 3001)
Material	Polycarbonate PC

### Environmental and real-life conditions

#### Ambient conditions

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

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## EMC data

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

Mounting type	Plug-in mounting (Seal pre-installed for each element)
Mounting position	any

Drawings

Dimensional drawing



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## Classifications

### ECLASS

ECLASS-13.0

27371220

### ETIM

ETIM 9.0

EC000232

### UNSPSC

UNSPSC 21.0

46171600

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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	8a74aa27-be3d-4f83-a387-6d48add7067a

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