PSD-S OE LED MC - Optical element

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.

Your advantages

- 7 colors in one element
- High light and color intensity
- Can be freely combined
- Minimum LED service life of 50,000 h
- Low power consumption
- Degree of protection IP65

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	2702090
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR07
Product key	DRL112
GTIN	4046356943185

Weight per piece (including packing)	82.2 g
Weight per piece (excluding packing)	77 g
Customs tariff number	85318070
Country of origin	DE

Technical data

Notes

Note on application

Note on application	Only for industrial use

Product properties

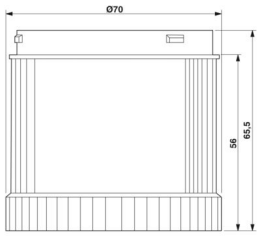
Product type	Signal element
Product family	PSD-S
Area of application	Signal tower

Electrical properties

General

Input voltage	24 V DC
Maximum inrush current	max. 500 mA
Current consumption	typ. 120 mA
Source of light type	LED
Operating time	100 %
Service life electrical	max. 50,000 h
Optical signal type	Permanent light

Dimensions

Dimensional drawing	
Height	65.5 mm
Diameter	70 mm

Material specifications

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.
Color (Housing)	transparent
Material	Polycarbonate PC

Environmental and real-life conditions

Ambient conditions

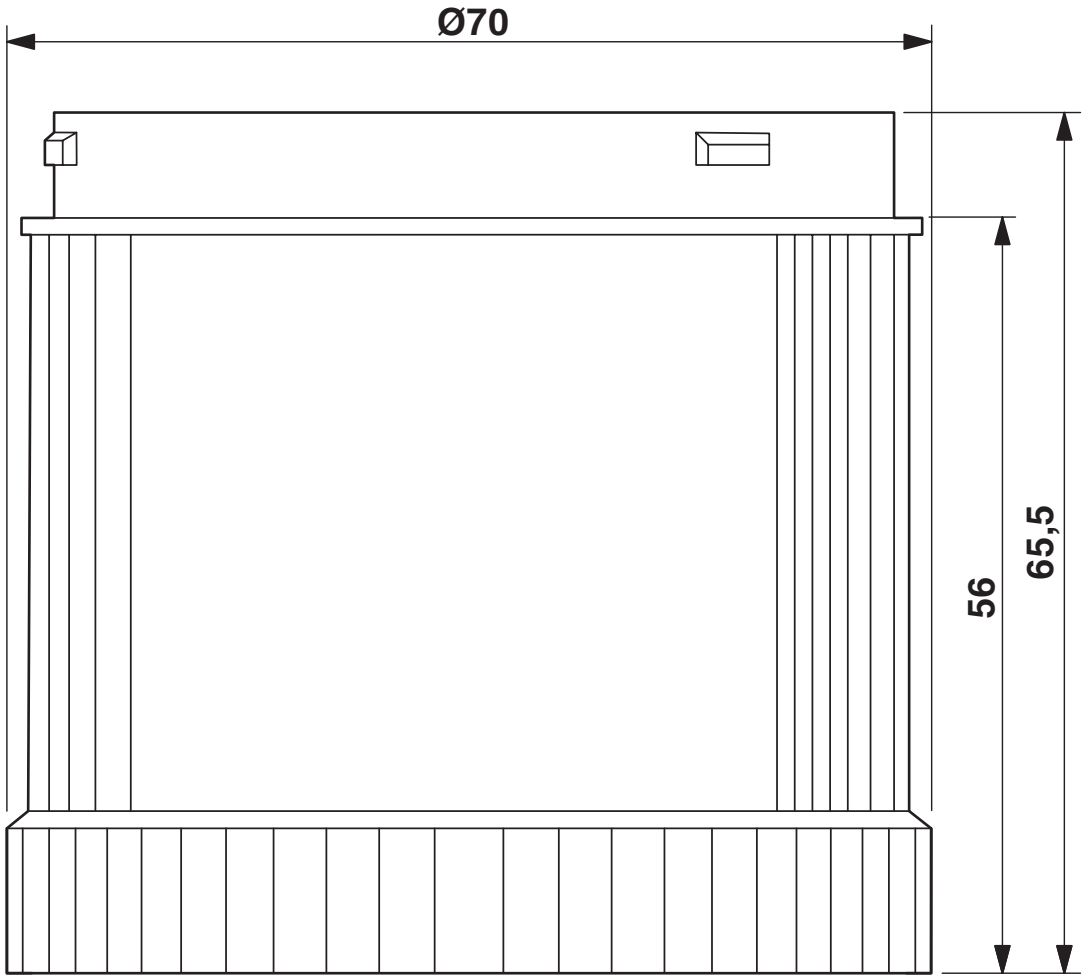
Degree of protection	IP65 (when installed or with end cover)
Ambient temperature (operation)	-20 °C ... 50 °C

Mounting

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

Drawings

Dimensional drawing



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2702090

cULus Listed
Approval ID: E123528

Classifications

ECLASS

ECLASS-13.0	27371220
ECLASS-15.0	27371220

ETIM

ETIM 10.0	EC000232

UNSPSC

UNSPSC 21.0	46171600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a)-I, 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	43222d34-813e-42a5-a90d-60d2fe06722e

EF3.1 Climate Change

CO2e kg	18.395 kg CO2e

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