

PLD E 608 W 265 - LED enclosure light



2702224

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LED enclosure light, AC wide-range input, color temperature 4000 K, with motion sensor

Product description

The LED light is designed to illuminate the interior of control cabinets. The prismatic integrated into the light cover ensures optimum illumination of the control cabinet. You can mount the light without tools via the integrated latching hook system. You can connect several lights in succession. You can control the light mode via a button. You can switch the light on or off permanently or enable the automatic mode. In automatic mode, the light is switched on and off via an integrated motion detector.

Your advantages

- Tool-free mounting, thanks to the patented snap-in hook system
- Worldwide use, thanks to AC wide range input
- Integrated motion detector saves on MRP and installation costs for door position switches
- Series connection reduces cabling effort for control cabinets arranged in series
- Optimum lighting of the control cabinet, thanks to integrated optics
- LED service life of 50,000 h (L70 value) prevents bulb replacement

Commercial data

Item number	2702224
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DR08
Product key	DRL235
Catalog page	Page 500 (C-6-2019)
GTIN	4055626057095
Weight per piece (including packing)	760.8 g
Weight per piece (excluding packing)	760.8 g
Customs tariff number	94054231
Country of origin	DE

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Technical data

Product properties

Product type	Control cabinet lighting
Application	Control cabinet
Mounting position	any
Special properties	can be switched in series
	including mounting accessories
Socket type	No socket

Electrical properties

Maximum power dissipation for nominal condition	9.8 W
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Supply: Module electronics

Connection method	Installation coupler
Number of positions	3
Supply voltage range	85 V AC ... 265 V AC (50/60 Hz)
	100 V AC ... 250 V AC (50/60 Hz, nominal voltage)
Power consumption	9.8 W

Signaling

Motion detector

Detection range	1.5 m \pm 0.25 m
Detection angle	35 ° \pm 5° (Horizontal and vertical)
Lighting duration	180 s (Retriggered)

Light properties

Source of light type	LED
Number of LEDs	23
Service life, lighting appliance	50,000 h (L70)
Color temperature	4000 K
Color rendering index	85
Luminous flux	685 lm (Net luminous flux)
Illumination	max. 1255 lx (50 cm distance)
	max. 310 lx (Distance of 1 m)
Ordinance	Delegated Regulation (EU) 2019/2015
Energy efficiency class	G (1 light source)
Note	This product contains an energy efficiency class E light source.

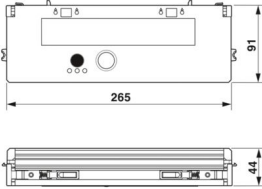
Dimensions

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Dimensional drawing	
Width	91 mm
Height	44 mm
Length	265 mm

Material specifications

Color	traffic grey A RAL 7042
Material ()	Plastic
Housing material	Plastic

Environmental and real-life conditions

Ambient conditions	
Ambient temperature (operation)	-25 °C ... 60 °C
Degree of protection	IP20
Air pressure (operation)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Permissible humidity (operation)	5 % ... 95 %
Permissible humidity (storage/transport)	5 % ... 95 %

Standards and regulations

Protection class	I
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Mounting

Mounting type	Snap-in hook system
Assembly instructions	Magnet attachment available as an accessory
	Screw fixings available as accessories
Mounting position	any

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