

# PLD T/1AC/AS/1CON - LED light



2402991

<https://www.phoenixcontact.com/us/products/2402991>

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 documentation. Our general terms of use for downloads are valid.



LED light, 230 V AC, Neutral white, length: 307 mm, QUICKON connection, degree of protection: IP67, Wide distribution optic

## Your advantages

- Impact strength IK-Code 06
- Color temperature 5000 K
- IP67 degree of protection
- LED technology

## Commercial data

Item number	2402991
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR08
Product key	DRL241
GTIN	4055626244037
Weight per piece (including packing)	959 g
Weight per piece (excluding packing)	687 g
Customs tariff number	94054239
Country of origin	DE

## Technical data

### Product properties

Product type	Light
Application	Wind turbine generators
Type	Stand-alone
Mounting position	any
Special properties	Wide distribution optic with mounting accessories
Light color	Neutral white

### Insulation characteristics

Overvoltage category	III
----------------------	-----

### Electrical properties

Power dissipation	> 10 W
-------------------	--------

### Supply: Module electronics

Connection technology	QUICKON connection
Connection method	QUICKON fast connection
Number of positions	3
Supply voltage	230 V AC
Supply voltage range	100 V AC ... 250 V AC (50/60 Hz)
Current consumption	typ. 42 mA (at 230 V AC)
Power consumption	approx. 10 W (at 230 V AC)

### Connection data

#### Supply

Connection method	QUICKON fast connection
Conductor cross-section, rigid	1 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section, flexible	1 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section AWG	16 ... 14

### Signaling

#### Light properties

Source of light type	LED
Number of LEDs	24
Light color	Neutral white
Color temperature	5000 K
Color rendering index	70
Luminous flux	1100 lm (Gross)

### Dimensions

Width	91.7 mm
Height	76.2 mm

# PLD T/1AC/AS/1CON - LED light



2402991

<https://www.phoenixcontact.com/us/products/2402991>

Length	307 mm
Note on dimensions	Specifications with connectors

## Material specifications

Color	gray/white
Material	Plastic (Light housing)

## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Degree of protection	IP67
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)	95 %
Permissible humidity (storage/transport)	95 % (non-condensing)

## Standards and regulations

Protection class	II
------------------	----

## Mounting

Mounting type	Screw mounting
	Panel mounting
Assembly note	Mounting with mounting holders or mounting brackets, please observe the notes in the package slip.
Mounting position	any

# PLD T/1AC/AS/1CON - LED light

2402991

<https://www.phoenixcontact.com/us/products/2402991>



## Classifications

### ECLASS

ECLASS-13.0

27110635

### ETIM

ETIM 9.0

EC000996

### UNSPSC

UNSPSC 21.0

39101628

# PLD T/1AC/AS/1CON - LED light



2402991

<https://www.phoenixcontact.com/us/products/2402991>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

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

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)