

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



2402991

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

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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
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### Electrical properties

Power dissipation	> 10 W
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### 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
Color temperature	5000 K
Color rendering index	70
Luminous flux	1100 lm (Gross)

### Dimensions

Width	91.7 mm
Height	76.2 mm
Length	307 mm

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Note on dimensions	Specifications with connectors
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## 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)

### Mechanical test

Vibration resistance in accordance with EN 60068-2-6/IEC 60068-2-6	4g
Shock in accordance with EN 60068-2-27/IEC 60068-2-27	50g

## Standards and regulations

Protection class	II
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## 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

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## Classifications

### ECLASS

ECLASS-13.0

27110635

### ETIM

ETIM 9.0

EC000996

### UNSPSC

UNSPSC 21.0

39101628

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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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%
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