

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
Catalog page	Page 508 (C-6-2019)
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 (for 230 V AC)
Power consumption	approx. 10 W (for 230 V AC)

Connection data

Supply

Connection method	QUICKON fast connection
Conductor cross section, rigid	1 mm ² ... 2.5 mm ²
Conductor cross section, flexible	1 mm ² ... 2.5 mm ²
Conductor cross section AWG	16 ... 14

Signaling

Light properties

Source of light type	LED
Number of LEDs	24
Service life, lighting appliance	50,000 h (L70)
Light color	Neutral white
Color temperature	5000 K
Color rendering index	70
Luminous flux	1100 lm (Gross)

Dimensions

Width	91.7 mm
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Height	76.2 mm
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
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Mounting

Mounting type	Screw mounting
	Wall 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-11.0	27110635
ECLASS-12.0	27110635
ECLASS-13.0	27110635

UNSPSC

UNSPSC 21.0	39101628
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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%

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Accessories

PLD T/1AC/MNT - Holder

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Holder for PLD T LED light. Set consists of 2 holders

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