

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

2403121

<https://www.phoenixcontact.com/us/products/2403121>



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LED light, 230 V AC, Neutral white, length: 307 mm, QUICKON connection, degree of protection: IP67, directional light (top/bottom)

## Your advantages

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

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2403121                        |
| Packing unit                         | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | DR08                           |
| Product key                          | DRL241                         |
| GTIN                                 | 4055626258089                  |
| Weight per piece (including packing) | 913.6 g                        |
| Weight per piece (excluding packing) | 702 g                          |
| Customs tariff number                | 94054239                       |
| Country of origin                    | DE                             |

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## Technical data

### Product properties

|                    |  |
|--------------------|--|
| Product type       | Light  |
| Application        | Wind turbine generators                                  |
| Type               | Stand-alone  |
| Mounting position  | any  |
| Special properties | directional light (top/bottom) 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        | 6               |
| 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 |

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|                    |                                |
|--------------------|--------------------------------|
| 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  |

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## Classifications

### 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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