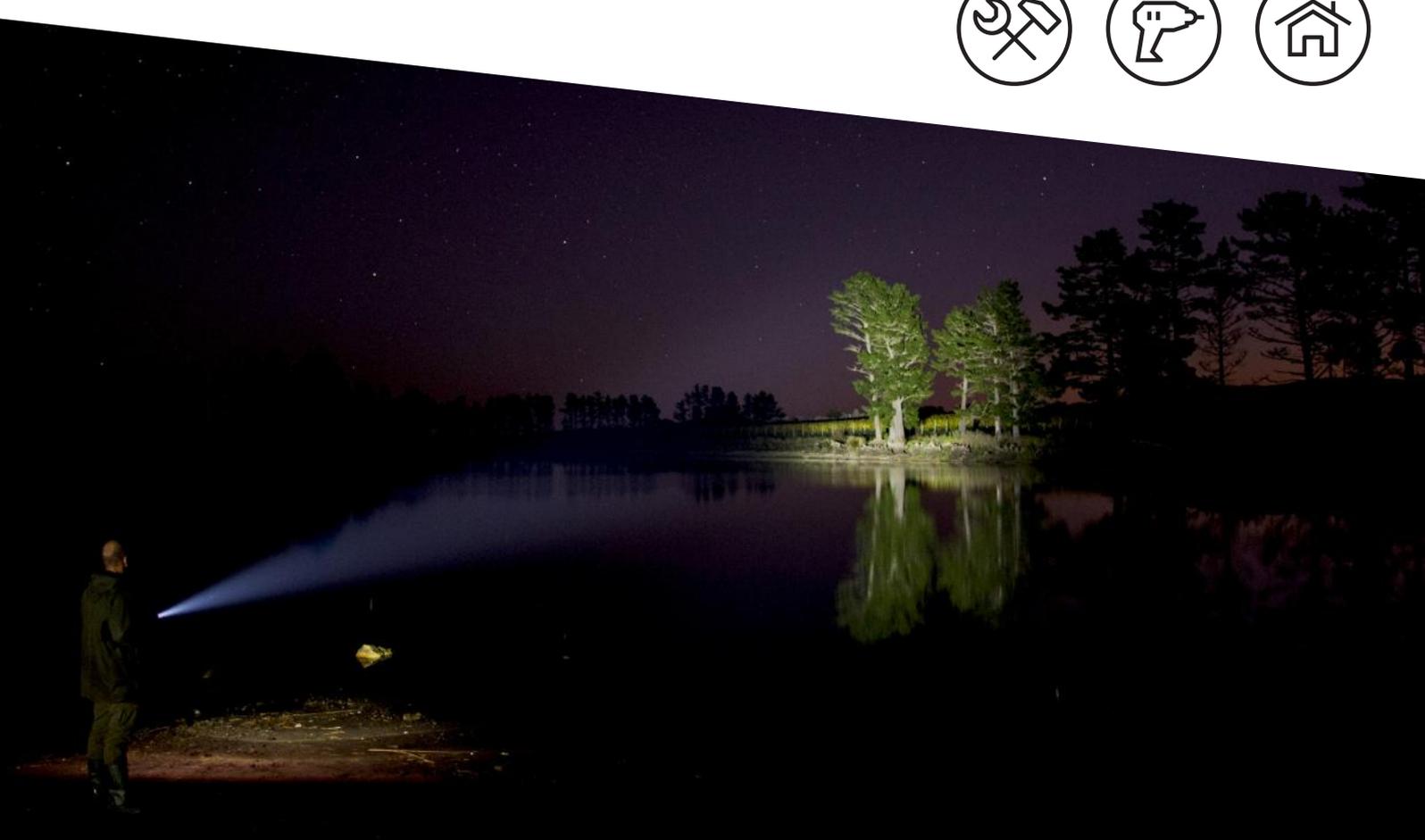# LEDLENSER

## PRODUCT DATA SHEET
## P7R Core

# P7R Core

## PRODUCT DESCRIPTION

The versatile P7R Core flashlight offers exceptional power and forward-thinking technologies like the Smart Light Technology for custom light functions. The lamp is powered by a 21700 Lithium-ion battery, which can be easily changed by opening the end cap. Thanks to our Flex Sealing Technology, the P7R Core is protected against water and dust, and can even be used underwater for a short time. Our patented[3] Advanced Focus System works with up to one meter of water depth. This makes the P7R Core the ideal flashlight for every occasion.

- Advanced Focus System for efficient, precise flood and spot lighting
- Smart Light Technology for custom light functions
- High protection against dust and water (IP68) through Flex Sealing Technology
- Constant Light for constant luminous flux over a long period of time
- Convenient charging of the battery with Magnetic Charge System

## TECHNICAL DATA

| | |
|---|---|
| Length defocused [mm] | 158 |
| Length focused [mm] | 165 |
| Head diameter [mm] | 35 |
| Tube diameter [mm] | 27 |
| Weight incl. batteries [g] | 202 |
| Weight without batteries [g] | 131 |
| Focus function | Yes |
| Head material | Aluminum alloy |
| Tube material | Aluminum alloy |
| Optic | Plastic lense (PMMA) |
| Cartridge | No |

## POWER SUPPLY

| | |
|---|---|
| Power source type | Rechargeable battery |
| Battery quantity | 1 |
| Battery type | Li-ion |
| Battery replaceable | Yes |
| Total battery voltage [V] | 3.7 |
| Total battery capacity [mAh] | 4800 |
| Total battery energy[2] [Wh] | 17.76 |
| Rechargeable | Yes |
| Charging time[5] [min] | 270 |
| Energy modes | Constant Light |
| Energy status indicator | Battery Indicator, Charge Indicator, Low Battery Warning |

## FURTHER SPECIFICATIONS

| | |
|---|---|
| IP class | IP68 |
| Drop test (drop height) [m] | 2 |
| Working temperature range [°C] | -20 to +40 |

## LIGHT FUNCTIONS

Blink, Boost, Low Power, Mid Power, Power, Position, S.O.S., Strobe

## LIGHT SOURCE

| | |
|---|---|
| Amount LEDs | 1 |
| LED type | Xtreme LED |
| Color | White |
| Color temperature [K] | 6000 to 7500 |
| Color rendering index (CRI) | 70 |

## LIGHT VALUES

| ANSI – Constant Light | Boost | Power | Mid Power | Low Power |
|---|---|---|---|---|
| Light output[1] [lm] | 1400 | 1000 | 440 | 15 |
| Beam distance[1] [m] | 300 | 210 | 130 | 15 |
| Run time[1] [h] | | 2 | 4 | 90 |

## SWITCH

Front Switch

## FEATURES

Dimmable , Transportation lock , Flicker Free, Memory Function, Back-Up Light

## TECHNOLOGIES

Advanced Focus System[3], Smart Light Technology, Magnetic Charge System, Emergency Light, Temperature Control System, Flex Sealing Technology, Multi-Core Optics

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# P7R Core

## PACKAGING AND LOGISTICS



## PACKAGING INFORMATION

| Type of packaging | Box |
|---|---|
| Scope of delivery | 1 set of rechargeable batteries, Hand strap, Magnetic charging cable |
| Item No. | 502181 |
| Customs tariff number | 8513100000 |
| Color | black |

## SINGLE PACKAGE

| Dimensions W x H x D [cm] | 7.2 x 21 x 8.5 |
|---|---|
| Gross weight [g] | 358 |
| GTIN-13 | 4058205020510 |

## EXPORT CARTON

| Unit | 24 |
|---|---|
| Dimensions W x D x H [cm] | 45.5 x 29 x 34 |
| Gross weight [kg] | 9.33 |
| GTIN-13 | 4058205020534 |

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# P7R Core

## ACCESORIES

| PRODUCT CATEGORY | ITEM NUMBER | PRODUCT NAME |
| --- | --- | --- |
| Fastenings / Brackets | 0362 | Universal Mounting System |
| Color filter / Signal caps | 502238 | Color Filter Set 35.1mm |
| Color filter / Signal caps | 502237 | Signal Cone 35.1mm |
| Color filter / Signal caps | 502243 | Signal Cone W 35.1mm |
| Pouches / Holster | 0342 | Pouch Type G |
| Fastenings / Brackets | 502251 | Lamp Adapter Type D |
| Fastenings / Brackets | 7799-PT | Universal Mounting Bracket Type B |
| Charger / Cable | 502258 | Wall Mount Type B |
| Charger / Cable | 502260 | Charging Station Type B |
| Battery | 502262 | 21700 Li-ion rechargeable battery 4800mAh |
| Charger / Cable | 502265 | Magnetic Charging Cable Type A |
| Charger / Cable | 0380 | USB Car Charger |
| Charger / Cable | 502271 | USB Adapter 2.4A |
| Pouches / Holster | 502263 | Case Type A |
| Pouches / Holster | 502264 | Case Type B |

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# P7R Core

## PRODUCT SERIES

The robust and reliable Ledlenser P-series flashlights offer great performance in a stylish design. Externally reduced to the essentials, they are packed with many useful technologies, such as the patented[3] Advanced Focus System or the advanced Smart Light Technology for individual programmability. Almost all products are protected against dust and water thanks to the innovative Flex Sealing Technology. The new P-series is also the first Ledlenser range of flashlights designed for all user fields. The products of the Core, Work, and Signature range have different designs and are therefore tailor-made for different target groups.

Our Core collection is at the heart of our new P-series lights. Perfect for everyday use in home and garden, for crafts and industry, but also for many recreational applications. The lamps of the Core range offer innovative technologies and functions as well as great performance for the price.

## FOOTNOTES

The information pertaining to scope of delivery, appearance, performance, dimensions and weight corresponds to the information available at the time of publication. In the interest of product development, we reserve the right to change scope of delivery, appearance, design and color without prior notice. Product images may vary from the actual products and may show optional accessories which can be purchased separately. Errors and omissions excepted.

1) Measurement values according to ANSI FL1 in the respective setting. If no setting is explicitly indicated, the values refer to luminous flux (lumens/lm) and lighting range (meters/m) on the highest setting, and to battery duration (hours/hrs/h) on the lowest setting. A boost function (if available) can be used several times, but only for short periods of time. If the light is equipped with (a) colored LED(s), the measurement values are given for the white light or the white LED. If the light has different energy modes, the measurement is made based on the "energy saving mode".

2) Calculated capacity value in watt-hours (Wh). This applies to the delivery state of the battery/ies inside the respective item, or for lights with rechargeable battery/ies, to the rechargeable battery/ies inside the product when fully charged.

3) EP Patent 1880139, US Patent 7,461,960

5) Charging time varies by hardware used.

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