LEDLENSER

PRODUCT DATA SHEET
P18R Work

P18R Work

PRODUCT DESCRIPTION

The P18R Work is the lumen flagship of the Work-series. Thanks to the X-Lens Technology and an incredible 4500 lumens, the flashlight ensures that darkness never makes for unfinished work. The Ledlenser patented[3] Advanced Focus System provides precise spot or flood lighting with up to 720 meters range. Our forward-thinking Smart Light Technology allows the selection of personalised light functions and sequences. The powerful battery of the P18R Work is quickly charged with the practical Magnetic Charge System.

- Extremely powerful: 4500-lumens-flashlight in a compact and robust housing
- Flicker-free, constant light provides perfect illumination for fast moving parts and machines
- Rubber covers on the lamp head and end cap protect against impact and offer increased grip; lens shield protects the lens from impact and dirt
- Customizable light functions thanks to Smart Light Technology
- Advanced Focus System for efficient, precise flood and spot lighting

TECHNICAL DATA

Length defocused [mm]	183
Length focused [mm]	190
Head diameter [mm]	99
Tube diameter [mm]	47
Weight incl. batteries [g]	669
Weight without batteries [g]	501
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
Total battery voltage [V]	11.1
Total battery capacity [mAh]	3000
Total battery energy[2] [Wh]	33.3
Rechargeable	Yes
Charging time[5] [min]	330
Energy modes	Constant Light
Energy status indicator	Battery Indicator, Charge Indicator, Low Battery Warning

FURTHER SPECIFICATIONS

IP class	IP54
Drop test (drop height) [m]	1
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	3
LED type	Xtreme LED
Color	White
Color temperature [K]	4700 to 5500
Color rendering index (CRI)	70

LIGHT VALUES

ANSI – Constant Light	Boost	Power	Mid Power	Low Power
Light output[1] [lm]	4500	2600	1000	30
Beam distance[1] [m]	720	420	260	50
Run time[1] [h]		2.5	4.5	70

SWITCH

Front Switch

FEATURES

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

TECHNOLOGIES

Advanced Focus System[3], Emergency Light, Rapid Focus, Smart Light Technology, Temperature Control System, Magnetic Charge System, X-Lens Technology

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PACKAGING AND LOGISTICS

Exemplary Packaging Illustration

PACKAGING INFORMATION

Type of packaging	Box
Scope of delivery	1 set of rechargeable batteries, Hand strap, Magnetic charging cable, USB power adapter
Item No.	502188
Customs tariff number	85131000
Color	black

SINGLE PACKAGE

Dimensions W x H x D [cm]	14.5 x 21 x 10
Gross weight [g]	800
GTIN-13	4058205020725

EXPORT CARTON

Unit	12
Dimensions W x D x H [cm]	47 x 24.5 x 45
Gross weight [kg]	10.35
GTIN-13	4058205020749

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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 series have different designs and are therefore tailor-made for different target groups.

Our extra-tough Work range is engineered for craftsmen, construction and industrial workers – just anybody in need of portable lighting in a professional environment. The Work flashlights provide high-quality, constant, enduring light and convince with specific details and functions. In addition to the features of our Core models, most of the lamps offer non-slip, high-grip protective casing to prevent damage during falls or impacts. The extra lens protector is shock-proof, protects against chemicals and can easily be replaced if needed. In addition, all materials of the lamps are resistant to chemical influences such as oil, diesel, brake fluid, solvents and others.

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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