

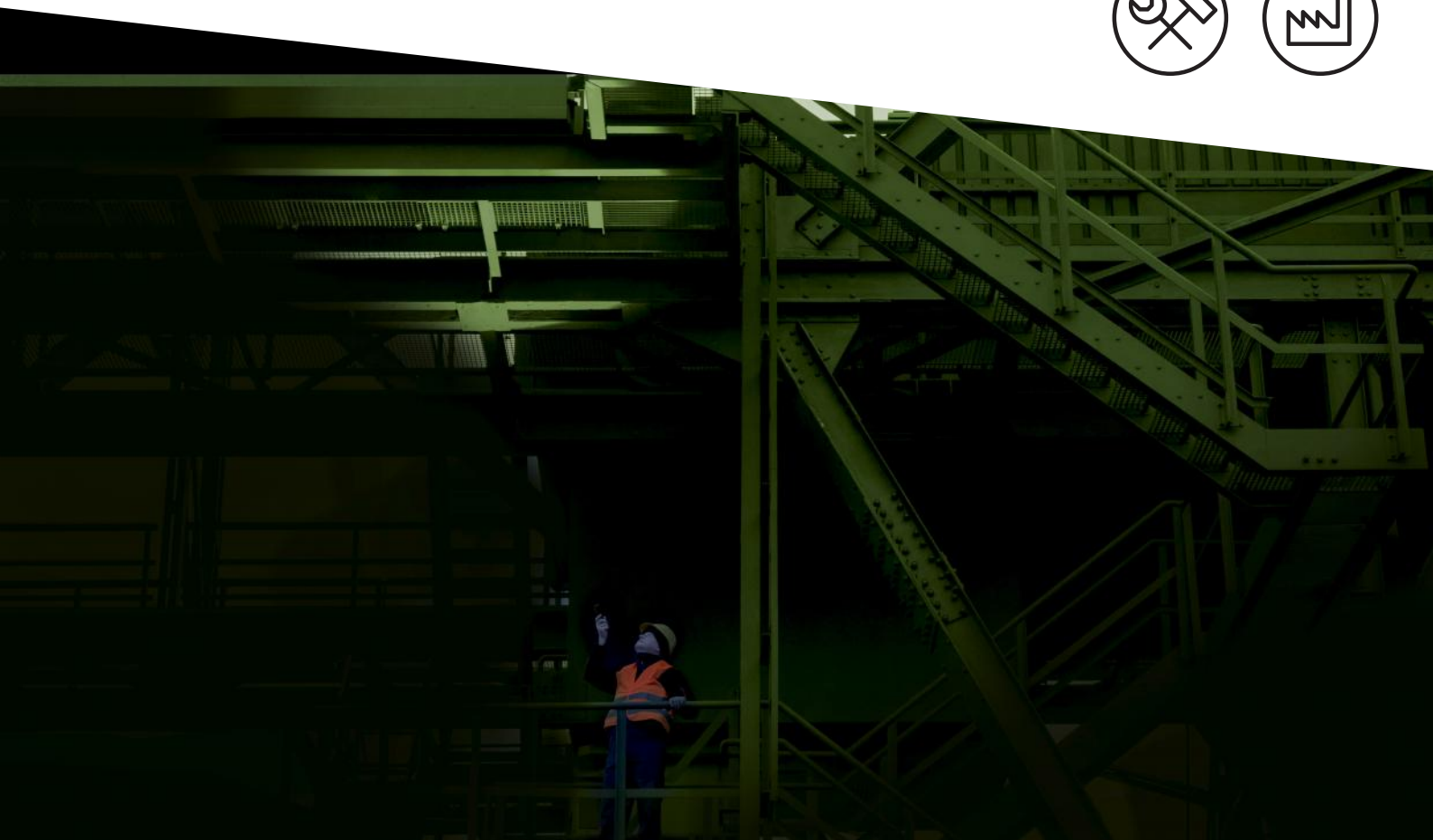


7  
YEAR  
WARRANTY\*

\*With registration.  
More information at  
[www.ledlenser.com](http://www.ledlenser.com)

# PRODUCT DATA SHEET

## P18R WORK Rechargeable LED Torch (WK4500)



# P18R Work

- The Ledlenser P18R WORK rechargeable LED torch with X-Lens Technology delivers an impressive amount of light (4500 lumens), that can be focused an astonishingly long distance (720 meters in Boost to be precise). That is taller than the height of two Eiffel Towers stood one on top of the other!
- 7-year with registration warranty - for complete peace of mind
- Four brightness levels - Boost 4500lm, Power 2600lm, Mid-Power 1000lm, Low Power 30lm, plus Position, Blink, SOS, and Strobe
- Patented Advanced Focusing System - clever engineering enables seamless beam focusing for flood (near) or spot (distance) illumination and any level in-between
- Smart Light Technology Plus - enables customization of light modes and settings for maximum user flexibility
- X-Lens Technology - perfectly combines the light from three LEDs into one single impressive beam
- Dimming feature - dim the light intensity to provide just the right level of illumination
- Flicker-free light - prevents a strobe effect, for example on fast moving machinery
- IP54 ingress rated - sufficiently protected against dust ingress to prevent normal operation. Fully protected against solid objects and resistant to splashing water from any angle
- Protective rubber on the lamp head and end cap help protect against impact and offer increased grip; lens shield protects the lens from impact, dirt, and chemical damage
- Transport Lock mode - prevents accidental battery drain if switch is inadvertently depressed whilst in transit
- Metal housing - aircraft grade aluminium provides strength and durability whilst being corrosive resistant
- Environmentally friendlier - housing and rechargeable battery lasts significantly longer than disposable alternatives
- Low Battery warning - allows user time to replace batteries before power runs out
- Battery status indicator - indicates how much charge is still left in the battery
- Charging indicator - indicates when battery is fully charged during recharging
- Magnetic Charge System - water and dust tight, fuss-free magnetic contact charging. No need to remove battery out of its housing
- Fast charging via supplied magnetic contact charging cable - just 5.5 hours to full charge.
- Supplied with 1 rechargeable battery pack (Li-ion 3x18650) wrist-strap, magnetic contact charging cable, 3-pin plug with usb port

## 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 pack (3x18650)
Total battery voltage [V]	11.1
Total battery capacity [mAh]	3000
Total battery energy <sup>2</sup> [Wh]	33.3
Rechargeable	Yes
Charging time <sup>5</sup> [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
Colour	White
Colour temperature [K]	4700 to 5500
Colour rendering index (CRI)	70

## LIGHT VALUES

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

## SWITCH

Front Switch

## FEATURES

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

## TECHNOLOGIES

Advanced Focus System<sup>3</sup>, Emergency Light, Rapid Focus, Smart Light Technology, Temperature Control System, Magnetic Charge System, X-Lens Technology

# P18R Work

## PACKAGING AND LOGISTICS



Exemplary Packaging Illustration

### PACKAGING INFORMATION

Type of packaging	Box
Supplied with	1 set of rechargeable batteries, Hand strap, Magnetic charging cable, USB power adapter
Item No.	502188
Customs tariff number	85131000
Colour	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

# P18R Work

## ACCESSORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME
Color filter / Signal caps	501507	Color Filter Blue 85.5mm
Color filter / Signal caps	501508	Color Filter Red 85.5mm
Color filter / Signal caps	501509	Color Filter Green 85.5mm
Color filter / Signal caps	501510	Color Filter Yellow 85.5mm
Roll Protections	502242	Roll Protection 85.5mm
Charger / Cable	502265	Magnetic Charging Cable Type A
Charger / Cable	0380	USB Car Charger
Charger / Cable	502271	USB Adapter 2.4A

# P18R Work

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## 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.