



7
YEAR
WARRANTY*

*With registration.
More information at
www.ledlenser.com

PRODUCT DATA SHEET

P18R SIGNATURE Rechargeable LED Torch (SG4500)



P18R Signature

- The Ledlenser P18R SIGNATURE rechargeable LED torch with X-Lens Technology delivers an impressive 4500 lumens of light on Boost, that can be focused an astonishing 720 meters (just under half a mile!). Its oversized head delivers a large wide illumination area making it perfect as a searchlight or area site light in addition to its use as a handheld torch
- 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
- 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
- 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]	171
Length focused [mm]	178
Head diameter [mm]	86
Tube diameter [mm]	47
Weight incl. batteries [g]	637
Weight without batteries [g]	486
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
Colour	White
Colour temperature [K]	6000 to 7200
Colour 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 System³, 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
Supplied with	1 set of rechargeable batteries, Hand strap, Magnetic charging cable, 3-pin plug with USB port
Item No.	502191
Customs tariff number	8513100000
Colour	Espresso brown
STERLING RRP ex / incl vat (£)	£208.29/ £249.95
EURO RRP ex / incl vat (€)	€219.47 / €269.95

SINGLE PACKAGE

Dimensions W x H x D [cm]	14.5 x 21 x 10
Gross weight [g]	800
GTIN-13	4058205020817

EXPORT CARTON

Unit	12
Dimensions W x D x H [cm]	47 x 24.5 x 45
Gross weight [kg]	10.35
GTIN-13	4058205020831

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ACCESSORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME	RRP ex / incl vat
Color filter / Signal caps	501507	Color Filter Blue 85.5mm	£20.79 / £24.95 €22.32/ €27.45
Color filter / Signal caps	501508	Color Filter Red 85.5mm	£20.79 / £24.95 €22.32/ €27.45
Color filter / Signal caps	501509	Color Filter Green 85.5mm	£20.79 / £24.95 €22.32/ €27.45
Color filter / Signal caps	501510	Color Filter Yellow 85.5mm	£20.79 / £24.95 €22.32/ €27.45
Roll Protections	502242	Roll Protection 85.5mm	TBC
Charger / Cable	502265	Magnetic Charging Cable Type A	TBC
Charger / Cable	0380	USB Car Charger	£9.16 / £11.00 €9.72/ €11.95
Charger / Cable	502271	USB Adapter 2.4A	TBC

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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.