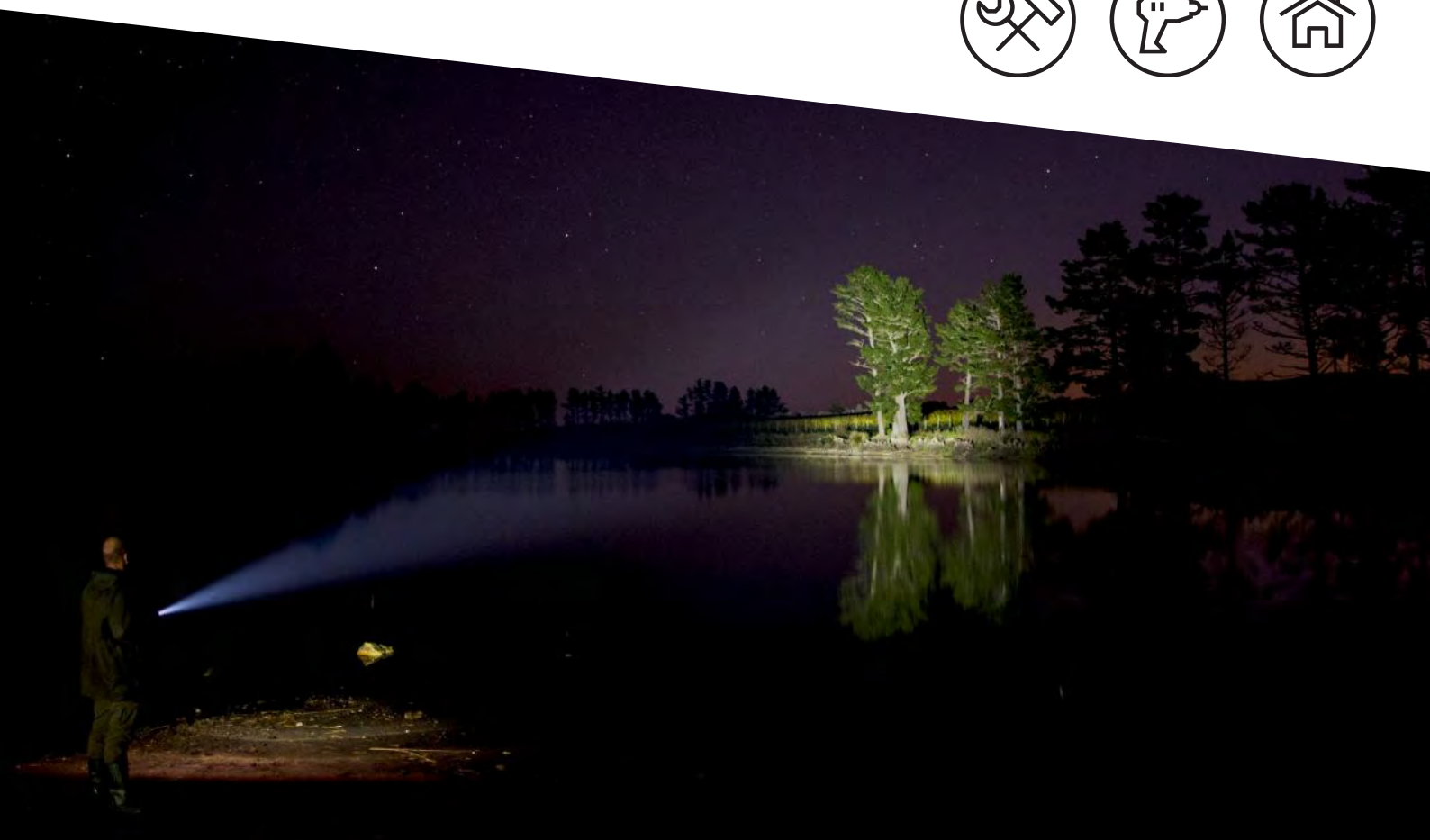




\*With registration.  
More information at  
[www.ledlenser.com](http://www.ledlenser.com)

# PRODUCT DATA SHEET

## P6R CORE Rechargeable LED Torch (CS900)



# P6R Core

- The Ledlenser P6R CORE rechargeable LED torch, incorporating the latest precision multi-core technology for outstanding illumination quality, shines bright with up to 900 lumens on boost mode that delivers a beam up to 240 meters. Additionally, it's highly protected against water and dust ingress
- 7-year with registration warranty - for complete peace of mind
- Four brightness levels - Boost 900lm, Power 600lm, Mid-Power 240lm, Low Power 15lm, plus Position, 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
- State-of-the-art multi-core precision optic delivers an outstanding quality of light
- 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
- Seal-Tight Technology - supreme level of ingress protection. 100% dust tight. Watertight against the effects of temporary immersion in water between 15cm and 1m for up to 30 minutes. Rated IP68. Ideal for working in dusty or wet environments
- 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
- Flat end-cap - enables torch to be stood on its end and used as a hands-free up lighter
- 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 hours to full charge
- Supplied with 1 rechargeable battery (L-ion 18650), wrist-strap, magnetic contact charging cable

## TECHNICAL DATA

Length defocused [mm]	151
Length focused [mm]	158
Head diameter [mm]	35
Tube diameter [mm]	25
Weight incl. batteries [g]	170
Weight without batteries [g]	123
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]	2500
Total battery energy <sup>2</sup> [Wh]	9.25
Rechargeable	Yes
Charging time <sup>5</sup> [min]	300
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
Colour	White
Colour temperature [K]	6000 to 7500
Colour rendering index (CRI)	65

## LIGHT VALUES

ANSI – Constant Light	Boost	Power	Mid Power	Low Power
Light output <sup>1</sup> [lm]	900	600	240	15
Beam distance <sup>1</sup> [m]	240	190	120	25
Run time <sup>1</sup> [h]		2	6	95

## SWITCH

Front Switch

## FEATURES

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

## TECHNOLOGIES

Advanced Focus System<sup>3</sup>, Smart Light Technology, Magnetic Charge System, Emergency Light, Temperature Control System, Seal-Tight Technology, Multi-Core Optics

# P6R Core

## PACKAGING AND LOGISTICS



Exemplary Packaging Illustration

### PACKAGING INFORMATION

Type of packaging	Box
Supplied with	1 set of rechargeable batteries, Hand strap, Magnetic charging cable
Item No.	502179
Customs tariff number	8513100000
Colour	black

### SINGLE PACKAGE

Dimensions W x H x D [cm]	7.2 x 21 x 8.5
Gross weight [g]	327
GTIN-13	4058205020459

### EXPORT CARTON

Unit	24
Dimensions W x D x H [cm]	45.5 x 29 x 34
Gross weight [kg]	8.58
GTIN-13	4058205020473

# P6R Core

## ACCESSORIES

PRODUCT CATEGO	ITEM NUMBER	PRODUCT NAME
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	502250	Lamp Adapter Type C
Charger / Cable	502257	Wall Mount Type A
Charger / Cable	502260	Charging Station Type B
Battery	501001	18650 Li-Ion rechargeable Battery 3200 mAh
	502126	Powerbank Flex3
	502125	Powerbank Flex7
Battery	502128	Batterybox
Fastenings / Brackets	7799-PT	Universal Rotating Holder/Mount for Torch Type B
Fastenings / Brackets	0362	Universal Mounting System
Charger / Cable	0380	USB Car Charger
Charger / Cable	502265	Magnetic Charging Cable Type A
Charger / Cable	502271	USB Adapter 2.4A

# P6R Core

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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.