



**YEAR**  
**WARRANTY\***

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

# PRODUCT DATA SHEET

**P7R SIGNATURE** Rechargeable LED Torch (SG2000)



- The Ledlenser P7R SIGNATURE rechargeable LED torch provides powerful natural light illumination, an auxiliary red light to preserve night vision and the ability to customise settings to suit user preference
- 7-year with registration warranty - for complete peace of mind
- Four brightness levels - Boost 2000lm, Power 1200lm, Mid-Power 500lm, Low Power 15lm, 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
- State-of-the-art multi-core precision optic delivers an outstanding quality of light
- Smart Light Technology Plus - enables customization of light modes and settings for maximum user flexibility
- Rotary light switch - enable fast selection of customized light modes
- Natural Light Technology - delivers light with a high colour rendering index (CRI) score for those that demand precision in distinguishing colours as accurately as possible
- 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
- Secondary auxiliary red light - helps preserve night vision and prevent glare
- 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 4.5 hours to full charge. Can be used independently of the wall mount (supplied) which is also ideal for mounting on walls or vehicles
- Supplied with 1 rechargeable battery (L-ion 21700) wrist-strap, pocket clip, wall mount, magnetic contact charging cable, 3-pin plug with usb port and pouch

### 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 <sup>2</sup> [Wh]	17.76
Rechargeable	Yes
Charging time <sup>5</sup> [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

	Main	Alternate
Amount LEDs	1	1
LED type	Xtreme LED	Low Power LED
Colour	White	Red
Colour temperature [K]	6000 to 7500	
Colour rendering index (CRI)	80	

### LIGHT VALUES - Main

ANSI – Constant Light	Boost	Power	Mid Power	Low Power
Light output <sup>1</sup> [lm]	2000	1200	500	15
Beam distance <sup>1</sup> [m]	330	200	130	20
Run time <sup>1</sup> [h]		2	3.25	90

### LIGHT VALUES - Alternate

ANSI – Constant Current	Boost	Power	Mid Power	Low Power
Light output <sup>1</sup> [lm]		1		

### SWITCH

Front Switch, Mode Switch

### FEATURES

Dimmable , Red Light, 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

# P7R Signature

## PACKAGING AND LOGISTICS



### PACKAGING INFORMATION

Type of packaging	Box
Supplied with	1 set of rechargeable batteries, Wrist-strap, Magnetic charging cable, Pocket clip, Pouch, 3-pin plug with USB port, Wall Mount
Item No.	502190
Customs tariff number	8513100000
Colour	Espresso brown
<b>STERLING RRP ex / incl vat (£)</b>	<b>£133.29 / £159.95</b>
<b>EURO RRP ex / incl vat (€)</b>	<b>€138.17 / €169.95</b>

### SINGLE PACKAGE

Dimensions W x H x D [cm]	14.5 x 21 x 8.5
GTIN-13	4058205020787

### EXPORT CARTON

Unit	12
Dimensions W x D x H [cm]	35.5 x 29 x 34
GTIN-13	4058205020800

# P7R Signature

## ACCESORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME	RRP ex / incl vat
Pouches / Holster	502269	Leather Pouch Type D	TBC
Fastenings / Brackets	0362	Universal Mounting System	£7.33/ £8.80   €8.09 / €9.95
Color filter / Signal caps	502238	Color Filter Set 35.1mm	TBC
Color filter / Signal caps	502237	Signal Cone 35.1mm	TBC
Color filter / Signal caps	502243	Signal Cone W 35.1mm	TBC
Pouches / Holster	0342	Pouch Type G	£7.33/ £8.80   €7.93 / €9.75
Fastenings / Brackets	502251	Lamp Adapter Type D	TBC
Fastenings / Brackets	7799-PT	Universal Rotating Holder/Mount for Torch Type B	£9.13 / £10.95   €9.72 / €11.95
Charger / Cable	502258	Wall Mount Type B	TBC
Charger / Cable	502260	Charging Station Type B	TBC
Battery	502262	21700 Li-ion rechargeable battery 4800mAh	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
Pouches / Holster	502263	Case Type A	TBC
Pouches / Holster	502264	Case Type B	TBC

# P7R Signature

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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/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.