



— PRODUCT DATA SHEET  
**P6R Core**



# P6R Core

## PRODUCT DESCRIPTION

The P6R Core is an all-new flashlight perfectly protected from dust and water. Its sleek design encases cutting-edge technology that provides bright views. The P6R Core is dimmable and adjustable with the innovative Smart Light Technology and can be charged with the Magnetic Charge System. It also has our patented<sup>3</sup> Advanced Focus System combined with the new Multi-Core Optics Technology, which offers a consistent light beam in spot or flood mode and if necessary, even under water. And if you want to keep your hands free and illuminate a room, the lamp can easily be placed on the end cap.

- Advanced Focus System for efficient, precise flood and spot lighting
- Smart Light Technology for custom light functions
- High protection against dust and water (IP68) through Flex Sealing Technology
- Constant Light for constant luminous flux over a long period of time
- Convenient charging of the battery with Magnetic Charge System

### 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
Maximum operating depth [m]	1.5
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
Color	White
Color temperature [K]	6000 to 7500
Color 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, Backup Mode

### TECHNOLOGIES

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

# P6R Core

## PACKAGING AND LOGISTICS



### PACKAGING INFORMATION

Type of packaging	Box
Scope of delivery	1 set of rechargeable batteries, Hand strap, Magnetic charging cable (USB-A)
Item No.	502179
Customs tariff number	8513100000
Color	black
MSRP price (€)	94.90

### SINGLE PACKAGE

Dimensions W x H x D [cm]	7.2 x 21 x 8.5
Gross weight [g]	335
GTIN-13	4058205020459

### EXPORT CARTON

Unit	24
Dimensions W x D x H [cm]	45.5 x 29 x 34
Gross weight [kg]	8.8
GTIN-13	4058205020473

# P6R Core

## 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<sup>3</sup> Advanced Focus System or the advanced Smart Light Technology for individual programmability. Many 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 range have different designs and are therefore tailor-made for different target groups.

Our Core collection is at the heart of our new P-series lights. Perfect for everyday use in home and garden, for crafts and industry, but also for many recreational applications. The lamps of the Core range offer innovative technologies and functions as well as great performance for the price.

---

## 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.