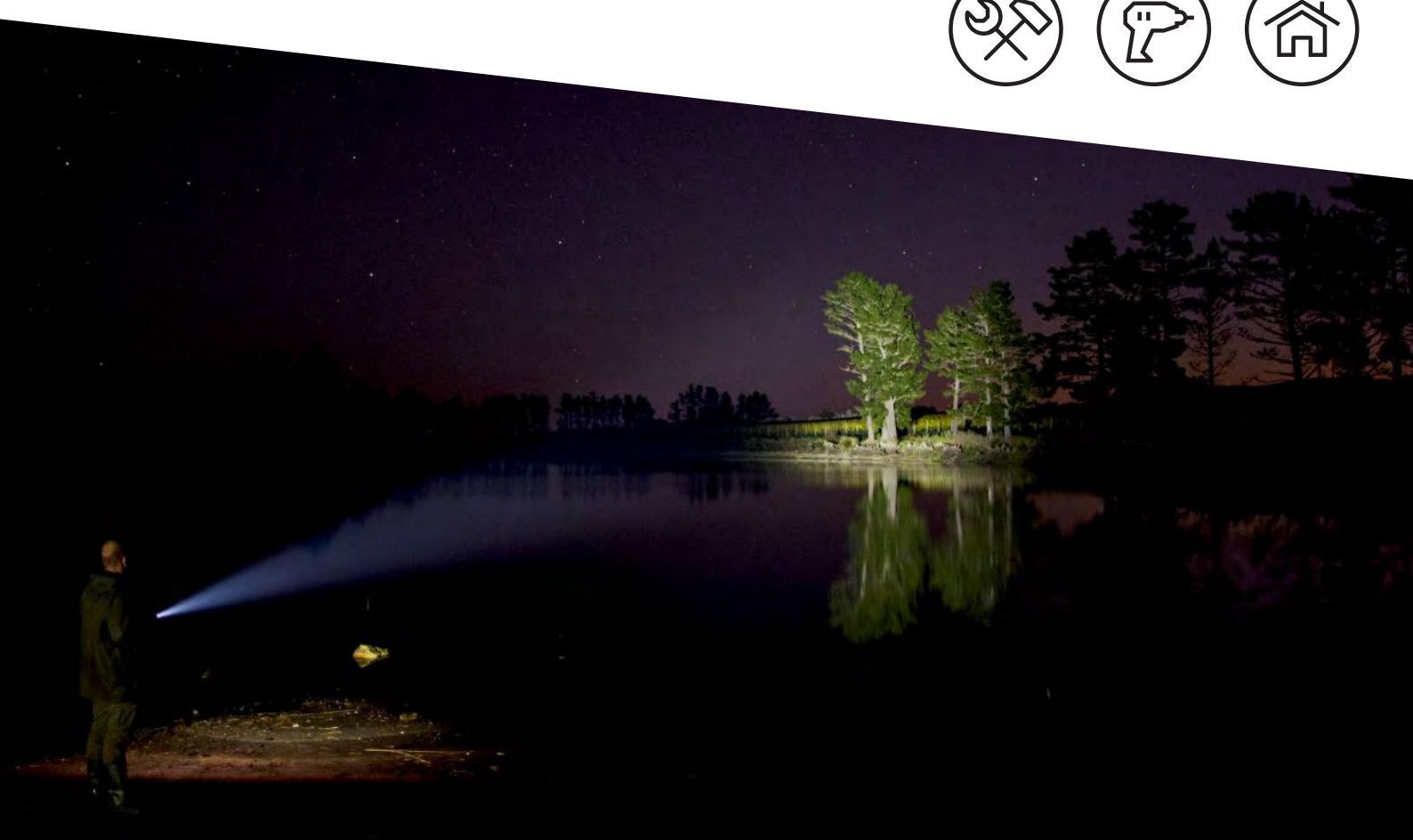# LEDLENSER

PRODUCT DATA SHEET
P6R Core (C28)

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[3] 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[2] [Wh]	9.25
Rechargeable	Yes
Charging time[5] [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[1] [lm]	900	600	240	15
Beam distance[1] [m]	240	190	120	25
Run time[1] [h]		2	6	95

SWITCH

Front Switch

FEATURES

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

TECHNOLOGIES

Advanced Focus System[3], Smart Light Technology, Magnetic Charge System, Emergency Light, Temperature Control System, Flex Sealing Technology, Multi-Core Optics

LEDLENSER