



— PRODUCT DATA SHEET

Workers Friend



Workers Friend

PRODUCT DESCRIPTION

The Workers Friend by Ledlenser is more than a flashlight. This complex system contains four different lamps which perfectly master the most diverse requirements. Winding corners, shafts, pipes, motors – no matter where you want to bring light to and use light, the Workers Friend always is the right tool to take with you. Especially for mechanics, handymen, tinkerers, grease monkeys or facility managers will find great joy in the worker's friend. But also for everyday users, the versatility of this multifunction flashlight is a useful help.

- Rechargeable base unit with which four different attachments can be operated
- Flashlight attachment with sliding focus, 280 lumens¹ light output and two dimming levels
- Mounting flashlight attachment can be rotated 180 degrees and has an 11.5 cm long lighting unit (COB-LED) with 350 lumens¹
- Flexible, focusable gooseneck lamp attachment, 32 cm long, 7 mm in diameter
- Flexible inspection lamp attachment for smallest openings, only 4.3 mm in diameter

TECHNICAL DATA

Length defocused [mm]	190
Length focused [mm]	204
Head diameter [mm]	35
Tube diameter [mm]	25
Weight incl. batteries [g]	180
Weight without batteries [g]	133
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	Energy Saving
Energy status indicator	Charge Indicator

FURTHER SPECIFICATIONS

IP class	IPXX
Drop test (drop height) [m]	1
Working temperature range [°C]	-20 to +40

LIGHT FUNCTIONS

Power, Low Power

LIGHT SOURCE

Amount LEDs	1
LED type	High Power LED
Color	White
Color temperature [K]	5500 to 7500
Color rendering index (CRI)	70

LIGHT VALUES

ANSI – Energy Saving	Boost	Power	Mid Power	Low Power
Light output ¹ [lm]		280		140
Beam distance ¹ [m]		130		90
Run time ¹ [h]		2.5		5.5

SWITCH

Front Switch

TECHNOLOGIES

Rapid Focus

Workers Friend

PACKAGING AND LOGISTICS



PACKAGING INFORMATION

Type of packaging	Box
Scope of delivery	1 set of rechargeable batteries, USB cable
Item No.	502136
Customs tariff number	85131000
Color	black

SINGLE PACKAGE

Dimensions W x H x D [cm]	20 x 5 x 29
Gross weight [g]	931
GTIN-13	4058205019637

EXPORT CARTON

Unit	10
Dimensions W x D x H [cm]	30 x 42 x 25
Gross weight [kg]	10
GTIN-13	4058205019651

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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.

5) Charging time varies by hardware used.