



— PRODUCT DATA SHEET

MH11



New Color



MH11

PRODUCT DESCRIPTION

The powerful MH11, the rechargeable flagship of Ledlenser outdoor headlamps, helps you on your adventures with sensational technologies. With the "Ledlenser Connect" app you can connect the lamp to your smartphone via Bluetooth so you can customize your settings at any time. Plus the MH11 features a Boost mode with up to 1000 lumen¹, magnetic charging cable, aluminum heat sink, RGB front light plus battery indicator and much more.

- Boost mode: Up to 1000 lumen – right when you need it
- Connects to your smartphone via Bluetooth for custom settings, timer, etc.
- Variable pivot mechanism to direct the light cone, even upward
- Advanced Focus System for easy and intuitive light cone adjustment
- Optisense Technology – automatically adapts to lighting conditions
- Innovative Mounting System to easily remove and attach the lamp head for maximum flexibility
- Multi-color LED in red, green and blue for fishing or hunting



TECHNICAL DATA

Head diameter [mm]	40
Weight incl. batteries [g]	179
Weight without batteries [g]	131
Focus function	Yes
Head material	ABS
Tube material	PC + ABS
Optic	Plastic lense (PMMA)
Headband material	Elastic fabric
Headband type	Side overhead headband
Head movement type	Stepless movement
Head movement angle [°]	120
Headband specifications	Detachable, Elastic, Washable

POWER SUPPLY

Power source type	Rechargeable battery
Battery quantity	1
Battery type	Li-ion
Total battery voltage [V]	3.6
Total battery capacity [mAh]	3200
Total battery energy ² [Wh]	11.52
Rechargeable	Yes
UN number	UN, UN 3481
Energy modes	Constant Light, Energy Saving
Energy status indicator	Battery Indicator, Charge Indicator, Low Battery Warning
Usable batteries	ICR Li-ion 3.7V

FURTHER SPECIFICATIONS

IP class	IP54
Drop test (drop height) [m]	2
Working temperature range [°C]	-20 to +40

LIGHT FUNCTIONS

Blink, Boost, Low Power, Mid Power, Power, S.O.S., Strobe

LIGHT SOURCE

Amount LEDs	1
LED type	Xtreme LED
Color	W/R/G/B
Color temperature [K]	6000 to 7500
Color rendering index (CRI)	70

LIGHT VALUES

ANSI – Energy Saving	Boost	Power	Mid Power	Low Power
Light output ¹ [lm]	1000	750	300	10
Beam distance ¹ [m]	320	300	200	30
Run time ¹ [h]		4	8	100

SWITCH

Front Switch

FEATURES

Dimmable , Transportation lock , Bluetooth^{®6}, Green Light, Blue Light, Red Light

TECHNOLOGIES

Advanced Focus System³, Optisense Technology, Smart Light Technology, Temperature Control System, Cooling Technology, Magnetic Charge System

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PACKAGING AND LOGISTICS



Exemplary Packaging Illustration



Exemplary Packaging Illustration

PACKAGING INFORMATION

Type of packaging	Window Box
Scope of delivery	1 set of rechargeable batteries, Magnetic charging cable, Pouch
Item No.	500996
Customs tariff number	85131000000
Color	gray

SINGLE PACKAGE

Dimensions W x H x D [cm]	15 x 12 x 8.5
Gross weight [g]	398
GTIN-13	4058205013833

INNER CARTON

Unit	6
Dimensions W x D x H [cm]	38 x 15.8 x 18.5
Gross weight [g]	2572
GTIN-13	4058205013840

EXPORT CARTON

Unit	24
Dimensions W x D x H [cm]	41.5 x 34.5 x 41
Gross weight [kg]	11.2
GTIN-13	4058205013857

PACKAGING INFORMATION

Type of packaging	Window Box
Scope of delivery	1 set of rechargeable batteries, Magnetic charging cable, Pouch
Item No.	500997
Customs tariff number	85131000000
Color	blue

SINGLE PACKAGE

Dimensions W x H x D [cm]	15 x 12 x 8.5
Gross weight [g]	398
GTIN-13	4058205013864

INNER CARTON

Unit	6
Dimensions W x D x H [cm]	38 x 15.8 x 18.5
Gross weight [g]	2572
GTIN-13	4058205013871

EXPORT CARTON

Unit	24
Dimensions W x D x H [cm]	41.5 x 34.5 x 41
Gross weight [kg]	11.2
GTIN-13	4058205013888

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PACKAGING AND LOGISTICS



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PACKAGING INFORMATION

Type of packaging	Window Box
Scope of delivery	1 set of rechargeable batteries, Magnetic charging cable, Pouch
Item No.	502166
Customs tariff number	85131000000
Color	black / orange

SINGLE PACKAGE

Dimensions W x H x D [cm]	15 x 12 x 8.5
Gross weight [g]	390
GTIN-13	4058205020091

INNER CARTON

Unit	6
Dimensions W x D x H [cm]	38 x 15.8 x 18.5
Gross weight [g]	2546
GTIN-13	4058205020107

EXPORT CARTON

Unit	24
Dimensions W x D x H [cm]	40 x 33.5 x 39.5
Gross weight [kg]	11.2
GTIN-13	4058205020114

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ACCESORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME
Charger / Cable	0380	USB Car Charger
Battery	501001	18650 Li-Ion rechargeable Battery 3000 mAh
	502126	Powerbank Flex3
	502125	Powerbank Flex7
Battery	502128	Batterybox7
Battery	502129	Batterybox7 Pro
Fastenings / Brackets	502222	Helmet Connecting Kit Type F
Fastenings / Brackets	502223	Helmet Connecting Kit Type G
Fastenings / Brackets	502052	Universal Mounting Bracket Type D
Charger / Cable	0355	External 18650 Li-Ion Charger
Charger / Cable	502271	USB Adapter 2.4A
Fastenings / Brackets	502313	Helmet Band Fixing Clip Type A

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PRODUCT SERIES

The Ledlenser Outdoor-Series

Brightness in your Hands. Darkness under control.

Not only do mountain hikers have high standards when it comes to flashlights, headlamps and lanterns – so do campers, geocachers, hunters, anglers and many other outdoors fans. Lights from Ledlenser meet precisely these high standards of quality in terms of functionality and design. We call it "technology engineered in Germany".

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

4) Warranty period of five years from the date of purchase, seven years if the product is registered online on our website. The warranty is valid worldwide and legal warranty rights also apply. It covers defects in materials and workmanship. For the proper functioning of rechargeable batteries a different warranty period of 24 months applies. Excluded from this warranty are the product series "Solidline", Ledlenser K1 and Ledlenser K2. The warranty does not apply to Defects in batteries, holsters, pouches, remote switches, color filters, imprints or surface coatings. The guarantor is Ledlenser GmbH & Co. KG, Kronenstr. 5 - 7, 42699 Solingen, Germany. More information: ledlenser.com/warranty

5) Charging time varies by hardware used.

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