



— PRODUCT DATA SHEET

M7R



M7R

PRODUCT DESCRIPTION

Everything you could ever want: The M7R brings together outstanding performance, functionality and the workmanship of its sister M7 with a powerful lithium-ion battery. The result can even be seen in the impressive charging process. Because with the "Floating Charge System" which is suitable for wall installations, the light seems to float in its mounting and can be put into action in just one hand movement - for up to 40 hours¹.

- Economical and ecological – Rechargeable
- Excellent Ledlenser lighting quality – Brightness, beam distance and lighting duration are ideally coordinated for the energy source
- Optimized operating time, this model from the M7-range – Up to 40 hours² in the lowest setting
- Strong lighting performance – Up to 280 meters¹ beam distance with up to 400 lumen¹ of luminous flux
- Convenient charging – Floating Charge System
- Practical charging display – Red = charging, Green = charged
- Individual light programs and optimized energy consumption – Smart Light Technology
- From the homogeneous circle of close range lighting (defocused) to a sharply bundled long-distance beam (focused) – The patented⁴ Advanced Focus System with reflector lens enables efficient, tailored lighting
- Quick modification of the light cone with one hand – Speed Focus[®] with Fast Lock enables secure locking of a
- **Increased safety** – Orientation light
- Robust and durable – High-quality gold contacts

7
YEAR
WARRANTY⁴

TECHNICAL DATA

Length defocused [mm]	153
Length focused [mm]	163
Head diameter [mm]	38
Weight incl. batteries [g]	200
Weight without batteries [g]	159
Focus function	Yes
Head material	Aluminum alloy
Tube material	Aluminum alloy
Optic	Plastic lense (PMMA)
Cartridge	Yes

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 Current, Energy Saving
Energy status indicator	Charge Indicator, Low Battery Warning

FURTHER SPECIFICATIONS

IP class	IPX4
Drop test (drop height) [m]	1
Working temperature range [°C]	-20 to +40

LIGHT FUNCTIONS

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

LIGHT SOURCE

Amount LEDs	1
LED type	High Power LED
Color	White
Color temperature [K]	6000 to 8000
Color rendering index (CRI)	70

LIGHT VALUES

ANSI – Energy Saving	Boost	Power	Mid Power	Low Power
Light output ¹ [lm]	400	300		40
Beam distance ¹ [m]	280	190		100
Run time ¹ [h]	4	10		40

SWITCH

End Cap Switch

FEATURES

Focus lock , Dimmable

TECHNOLOGIES

Floating Charge System, Rapid Focus, Advanced Focus System³, Smart Light Technology

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PACKAGING AND LOGISTICS



Exemplary Packaging Illustration



Exemplary Packaging Illustration

PACKAGING INFORMATION

Type of packaging	Case
Scope of delivery	1 set of rechargeable batteries, Floating charge system, Hand strap, Intelligent clip, Mounting material, Power adapter, USB cable
Item No.	8307-R
Customs tariff number	85131000000
Color	black
MSRP price (€)	159.90

SINGLE PACKAGE

Dimensions W x H x D [cm]	22.4 x 7 x 16.5
Gross weight [g]	787
GTIN-13	4029113830737

INNER CARTON

Unit	6
Dimensions W x D x H [cm]	42.2 x 23.9 x 17.6
Gross weight [g]	4882
GTIN-13	4029113830775

EXPORT CARTON

Unit	6
Dimensions W x D x H [cm]	45.3 x 26.6 x 21
Gross weight [kg]	5.4
GTIN-13	4029113830775

PACKAGING INFORMATION

Type of packaging	Blister
Scope of delivery	1 set of batteries, 1 set of rechargeable batteries, Floating charge system, Hand strap, Mounting material, Pouch, Power adapter, USB cable
Item No.	8507-R
Customs tariff number	85131000000
Color	black

SINGLE PACKAGE

Dimensions W x H x D [cm]	15 x 9.5 x 28
Gross weight [g]	375
GTIN-13	4029113850711

INNER CARTON

Unit	6
Dimensions W x D x H [cm]	47.5 x 29.5 x 16.5
Gross weight [g]	2500
GTIN-13	4029113850728

EXPORT CARTON

Unit	12
Dimensions W x D x H [cm]	49.5 x 31 x 36
Gross weight [kg]	7
GTIN-13	4029113850735

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ACCESORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME	MSRP
Color filter / Signal caps	0039	Pouch with Color Filter Set	24.90 €
Pouches / Holster	0342	Pouch Type G	9.90 €
Pouches / Holster	0323	Tactical Professional Holster Type B	34.90 €
Fastenings / Brackets	0317	Intelligent Clip Type C	8.90 €
Fastenings / Brackets	0362	Universal Mounting System	14.90 €
Fastenings / Brackets	7799-PT	Universal Mounting Bracket Type B	15.90 €
Color filter / Signal caps	0040-W	Signal Cone W 37mm	6.90 €
Color filter / Signal caps	0040	Signal Cone 37mm	6.90 €
Color filter / Signal caps	0313-F	Color Filter Set + 1x Rollprotection 37mm	19.90 €
Roll Protections	0320	Roll Protection Ring 29,5 mm	6.90 €
Charger / Cable	0380	USB Car Charger	9.90 €
Charger / Cable	0355	External 18650 Li-Ion Charger	16.90 €
Battery	501001	18650 Li-Ion rechargeable Battery 3000 mAh	24.90 €

M7R

PRODUCT SERIES

The Ledlenser M-Series

Fancy on the outside, high-tech on the inside.

Different situations require different light programs. That's why the lights in this series aren't just sturdy and economical, but also have a particularly high number of functions. They're therefore not only popular among rescue and security forces, but also among fans of the outdoors, hunters and anglers. It is also because with Smart Light Technology you control all the programs with just one switch: the micro-controller. By now it must be clear why this light range is called the "M-Series", and with one glance at the lights' stylish appearance, why many of the models have been awarded for their design.

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.