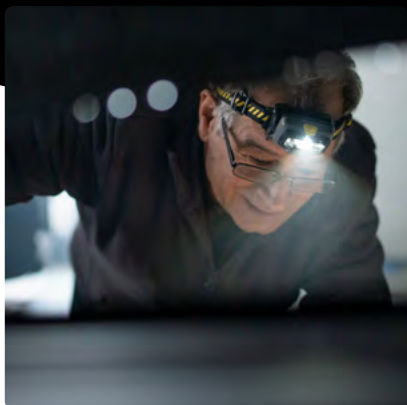




WORK & PROFESSIONAL PRODUCT CATALOG

POWERUP



POWERUP
ON WEB



BE **PRECISE**



TAKE **PRIDE**



GET THE JOB **DONE**



READY AND ABLE

Ledlenser is a reliable and trusted companion, providing high-quality portable light allowing individuals to be ready and able in the darkest of work, home or outdoor situations. Anytime there is a need for additional light or no other light source is available, Ledlenser is there, empowering one to be prepared to solve problems, secure and safe in the unknown or free to go further and explore.

CONTENT CLICKABLE 

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WORK & PROFESSIONAL



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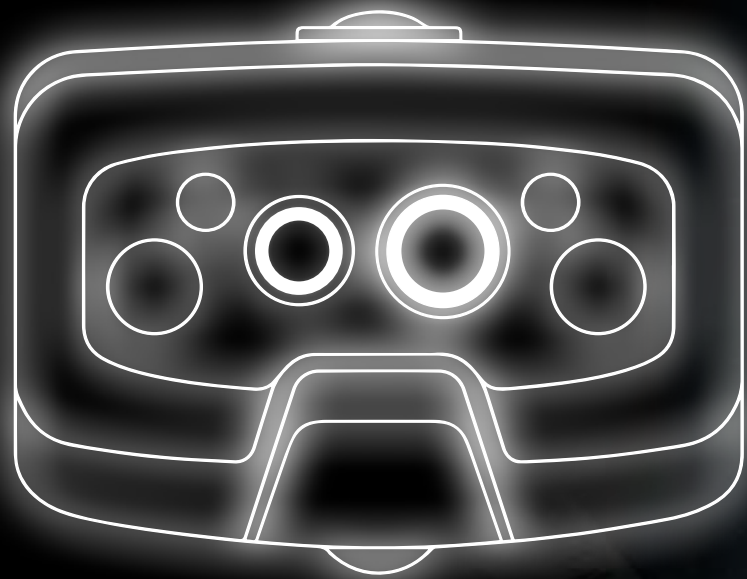
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— NOVELTIES THE HF-SERIES



 LEDLENSER

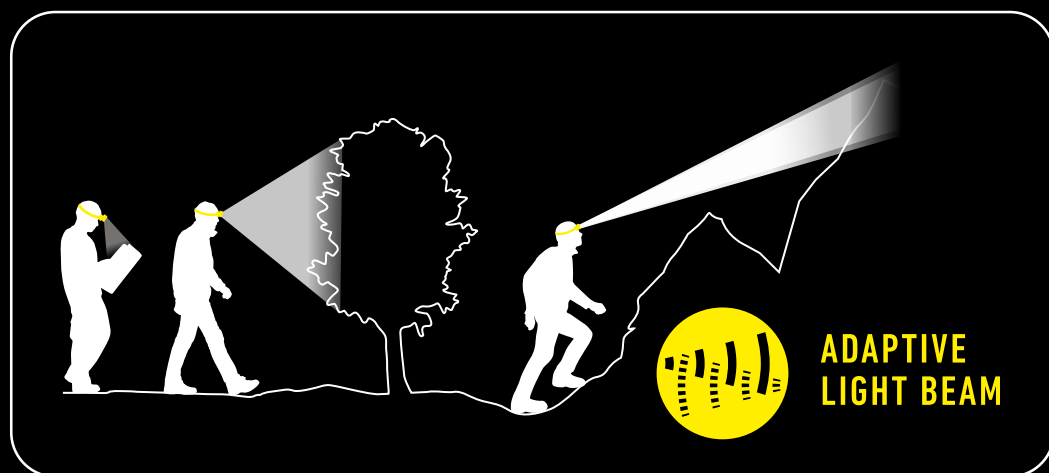
NEW
REVOLUTIONARY
TECHNOLOGIES



HF8R WORK

REVOLUTIONARY TECHNOLOGIES FOR MAXIMUM FLEXIBILITY:

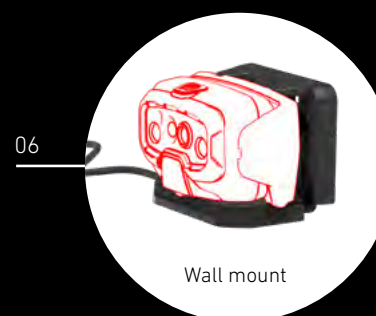
With the HF8R, Ledlenser introduces its first hands-free headlamp. Why break your flow at work when your headlamp will adjust automatically or transition seamlessly, while providing you with the perfect light pattern. Without a battery box at the back of your head or an additional cable at the headband, you will be more comfortable and move more freely.



 1600 lm¹
 210 m¹
 90 h¹



- 01 – Powerful headlamp with **Natural Light Technology** (CRI 80) at mid and close-range and with red front light
- 02 – Automatic dimming and focusing thanks to our **Adaptive Light Beam Technology** – the system detects reflections and lighting conditions and automatically controls all light sources separately. This allows the HF8R to be used completely hands-free.
- 03 – Powerful battery can easily be recharged via **Magnetic Charge System**
- 04 – Extremely robust due to **protective elements** on the front glass
- 05 – Water and dustproof (IP68)
- 06 – Large scope of delivery for versatile options and use
- 07 – Lamp head tilts **steplessly**
- 08 – Perfect light pattern for any range and virtually seamless focusing thanks to our **Digital Advanced Focus System**; optional manual operation via **Focus Wheel**
- 09 – High-quality **aluminum housing**
- 10 – Remote control via **Ledlenser Connect App** (upgrade with additional features available)



HF-SERIES NEW



HF4R Work: Basic model for professionals – lightweight, compact and robust



HF6R Work: Powerful all-rounder for industry and trade



HF8R Work: Automatically adapts the light pattern so you can focus entirely on your work

LED	
	LED Configuration
	Light Functions
	Luminous Flux ¹ (lm)
	Beam Distance ¹ (m)
	Run Time ¹ (h)
	Color Temperature (K)
	Color Rendering Index (CRI)
BATTERY AND CASE	
	Battery
	Battery Capacity ² (Wh / mAh)
	IP Level
	Rechargeable
	Charging Time ⁵ (min)
	Drop Height (m)
SIZE AND WEIGHT	
	Weight incl. Battery (g / oz)
TECHNOLOGY	
	Adaptive Light Beam
	Digital Advanced Focus System
	Magnetic Charge System
	Temperature Control System
	Cooling Technology
More Features	
PACKAGING	
Item no. Box / GTIN	
Contents Box	

Optional accessories on page 65



HF4R WORK



HF6R WORK



HF8R WORK

HF4R WORK	HF6R WORK	HF8R WORK
2x High Power LED, 1x Red LED	2x Xtreme LED, 1x High Power LED, 1x Red LED	3x Xtreme LED, 1x High Power LED, 1x Red LED
Boost / Power / Mid Power / Low Power (+ Red Light)	Boost / Power / Mid Power / Low Power (+ Red Light)	Boost / Power / Mid Power / Low Power (+ Red Light) (+S.O.S., Alpine distress signal via App)
500 / 300 / 80 / 20	800 / 500 / 200 / 20	1600 / 900 / 300 / 20
130 / 100 / 60 / 15	160 / 140 / 80 / 25	210 / 200 / 100 / 25
- / 2.5 / 8 / 35	- / 3 / 8 / 60	- / 3.5 / 10 / 90
4600 – 5400	4600 – 5400	4600 – 5400
80 (Flood Beam)	80 (Flood & Mid Beam)	80 (Flood & Mid Beam)
BATTERY AND CASE	BATTERY AND CASE	BATTERY AND CASE
1x Li-ion Battery Pack 3.7V	1x Li-ion Battery Pack 3.7V	1x Li-ion Battery Pack 3.7V
3.7 / 1000	7.4 / 2000	13.7 / 3700
IP68	IP68	IP68
Yes	Yes	Yes
180	225	270
2	2	2
SIZE AND WEIGHT	SIZE AND WEIGHT	SIZE AND WEIGHT
79 / 2.79	134 / 4.73	198 / 6.98
TECHNOLOGY	TECHNOLOGY	TECHNOLOGY
Adaptive Light Beam		
Digital Advanced Focus System		
Magnetic Charge System		
Temperature Control System		
Cooling Technology		
More Features		
Fusion Beam, Red Light, Transport Lock, Memory Function, Backup Mode, Battery Indicator, Charge Indicator, Low Battery Warning	Red Light, Memory Function, Transport Lock, Backup Mode, Aluminum Housing, Battery Indicator, Charge Indicator, Low Battery Warning	Bluetooth®, Red Light, Transport Lock, Memory Function, Backup Mode, Aluminum Housing, Emergency Light, Battery Indicator, Charge Indicator, Low Battery Warning
PACKAGING	PACKAGING	PACKAGING
Item no. Box / GTIN	Item no. Box / GTIN	Item no. Box / GTIN
502793 / 4058205031769	502798 / 4058205031882	502802 / 4058205031967
Contents Box	Contents Box	Contents Box
Connect Adapter, Magnetic Charging Cable (USB-C), Helmet Connecting Kit	Comfort Pad, Connect Adapter, Magnetic Charging Cable (USB-C), Helmet Connecting Kit, Wall Mount	Comfort Pad, Connect Adapter, extended Helmet Connecting Kit, Magnetic Charging Cable (USB-C), Wall Mount, removable Overhead Strap

¹⁻⁸ Information on page 76



— WORK & PROFESSIONAL FLASHLIGHTS



● LEDLENSER



THE P-SERIES INDESTRUCTIBLE LIGHT FOR PROFESSIONALS



☀ 1200 lm¹ —
 ➡ 240 m¹ —
 ⌚ 60 h¹ —

- 01** – Powerful work flashlight with **customizable light functions** and **Natural Light Technology (90 CRI / 4000K)**
- 02** – **Flicker-free** – flicker-free, constant light enables strobe-free illumination, for fast-moving parts and machines
- 03** – **Protective elements on the lamp head and the end cap** absorb impacts and increase slip resistance; **the additional front lens cover** protects the lens from scratching
- 04** – Improved **chemical resistance** of the entire flashlight
- 05** – **Advanced Focus System** – stepless focusing
- 06** – Extreme **dust and water protection (IP68)**
- 07** – **White secondary light** on the side of the housing for diffuse illumination at close range
- 08** – **Ledlenser Connecting System** – one interface for many accessories
- 09** – **Robust charging station** – suitable for installation in a vehicle and compatible with the 5 Station Charging Panel
- 10** – **Constant Light** – constant luminous flux over a long period

¹⁻⁸ Information on page 76

HANDY AND ROBUST LIGHTS



P2R WORK



P4R WORK



LED		
LED Configuration	1x Power LED	1x Power LED
Light Functions	Power / Mid Power / Low Power	Power / Mid Power / Low Power
Luminous Flux ¹ (lm)	110 / 50 / 15	170 / 70 / 15
Beam Distance ¹ (m)	90 / 60 / 20	100 / 65 / 20
Run Time ¹ (h)	0.5 / 1.5 / 7	1.25 / 3 / 15
Color Temperature (K)	4200 - 4500	4200 - 4500
Color Rendering Index (CRI)	80	80
BATTERY AND CASE		
Battery	1x Li-ion Battery Pack 3.7V	1x Li-ion Battery Pack 3.7V
Battery Capacity ² (Wh / mAh)	1.8 / 320	2.77 / 750
IP Level	IP54	IP54
Rechargeable	Yes	Yes
Charging Time ⁵ (min)	150	150
Drop Height (m)	2	2
Length – defocused (mm)	120	164
Head diameter (mm)	15	15
Weight incl. Battery (g / oz)	44 / 1.6	62 / 2.2
TECHNOLOGY		
Smart Light Technology		
Flex Sealing Technology		
Magnetic Charge System	●	●
Temperature Control		
Advanced Focus System	●	●
More Features	Energy Saving, Charge Indicator	Energy Saving, Charge Indicator
PACKAGING		
Item no. Box / GTIN	502183 / 4058205020572	502184 / 4058205020602
Contents Box	1 Battery Set, Belt Pouch, Lanyard, Magnetic Charging Cable, Pocket Clip	1 Battery Set, Belt Pouch, Lanyard, Magnetic Charging Cable, Pocket Clip
OPTIONAL ACCESSORIES		
	502248 Lamp Adapter Type A	502248 Lamp Adapter Type A
Further accessories on page 64	502271 USB Adapter 2.4A	502271 USB Adapter 2.4A



P5R WORK



LED	
1x High Power LED	
Boost / Power / Mid Power / Low Power (+ Position, Blink, S.O.S., Strobe)	
480 / 320 / 120 / 15	
240 / 165 / 100 / 30	
- / 1 / 3 / 25	
3700 - 4400	
70	
BATTERY AND CASE	
1x 14500 Li-ion Battery Pack 3.7V	
2.77 / 750	
IP68	
Yes	
120	
3	
132	
38	
124 / 4.4	
TECHNOLOGY	
●	
●	
●	
●	
●	
Chemical Resistant, Dimmable, Transportation Lock, Flicker-free, Memory Mode, Backup Mode, Emergency Light, Battery Indicator, Charge Indicator, Low Battery Warning	
PACKAGING	
502185 / 4058205020633	
1 Battery Set, Intelligent Clip, Charging Station, Belt Pouch, Lanyard, Power Adapter, Magnetic Charging Cable	
OPTIONAL ACCESSORIES	
502254 Helmet Mount for Euroslot	
502259 Charging Station	

¹⁻⁸ Information on page 76

P-SERIES WORK



HIGH-PERFORMANCE
POWER PACKS



LED		
LED Configuration	1x Xtreme LED, (1x Low Power LED)	1x Xtreme LED, (1x Low Power LED)
Light Functions	Boost / Power / Mid Power / Low Power (+ Position, Blink, S.O.S., Strobe)	Boost / Power / Mid Power / Low Power (+ Position, Blink, S.O.S., Strobe)
Luminous Flux ¹ (lm)	850 / 700 / 300 / 15	1200 / 900 / 390 / 15
Beam Distance ¹ (m)	230 / 190 / 115 / 20	240 / 180 / 115 / 15
Run Time ¹ (h)	- / 1.5 / 2.5 / 45	- / 2 / 3.25 / 60
Color Temperature (K)	3700 - 4400	3700 - 4400
Color Rendering Index (CRI)	90	90
BATTERY AND CASE		
Battery	1x 18650 Li-ion Battery Pack 3.6V	1x 21700 Li-ion Battery Pack 3.7V
Battery Capacity ² (Wh / mAh)	10.89 / 3000	17.76 / 4800
IP Level	IP68	IP68
Rechargeable	Yes	Yes
Charging Time ⁵ (min)	225	270
Drop Height (m)	3	3
Length – defocused (mm)	163	170
Head diameter (mm)	45	45
Weight incl. Battery (g / oz)	187 / 6.6	219 / 7.7
TECHNOLOGY		
Smart Light Technology	●	●
Flex Sealing Technology	●	●
Natural Light	●	●
Multi-Core Optics	●	●
Advanced Focus System	●	●
More Features	White Alternate Light, Magnetic Charge System, Temperature Control, Chemical Resistant, Dimmable, Transportation Lock, Flicker-free, Memory Mode, Backup Mode, Emergency Light, Battery Indicator, Charge Indicator, Low Battery Warning	White Alternate Light, Magnetic Charge System, Temperature Control, Chemical Resistant, Dimmable, Transportation Lock, Flicker-free, Memory Mode, Backup Mode, Emergency Light, Battery Indicator, Charge Indicator, Low Battery Warning
PACKAGING		
Item no. Box / GTIN	502186 / 4058205020664	502187 / 4058205020695
Contents Box	1 Battery Set, Intelligent Clip, Charging Station, Belt Pouch, Lanyard, USB Power Adapter, Magnetic Charging Cable	1 Battery Set, Intelligent Clip, Charging Station, Belt Pouch, Lanyard, USB Power Adapter, Magnetic Charging Cable
OPTIONAL ACCESSORIES		
Further accessories on page 64	502250 Lamp Adapter Type C	502251 Lamp Adapter Type D



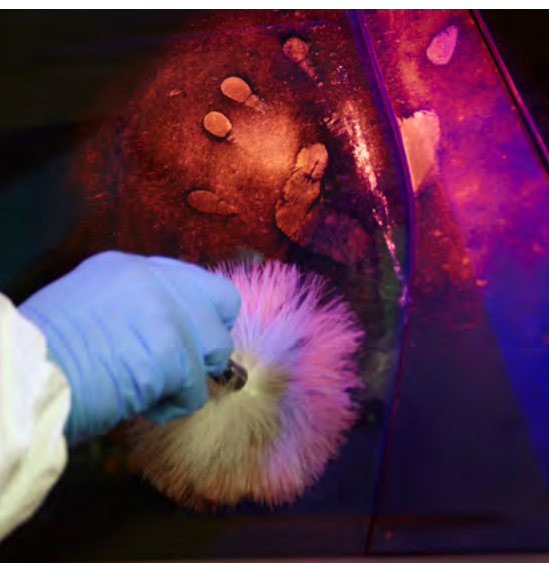
P18R WORK	
LED Configuration	3x Xtreme LED
Light Functions	Boost / Power / Mid Power / Low Power (+ Position, Blink, S.O.S., Strobe)
Luminous Flux ¹ (lm)	4500 / 2600 / 1000 / 30
Beam Distance ¹ (m)	720 / 420 / 260 / 50
Run Time ¹ (h)	- / 2.5 / 4.5 / 70
Color Temperature (K)	4700 - 5500
Color Rendering Index (CRI)	70
Battery	1x Li-ion Battery Pack 11.1V
Battery Capacity ² (Wh / mAh)	33.3 / 3000
IP Level	IP54
Rechargeable	Yes
Charging Time ⁵ (min)	330
Drop Height (m)	1
Length – defocused (mm)	183
Head diameter (mm)	99
Weight incl. Battery (g / oz)	669 / 23.6
Smart Light Technology	●
Flex Sealing Technology	●
Natural Light	●
Multi-Core Optics	●
Advanced Focus System	●
More Features	X-Lens Technology, Magnetic Charge System, Rapid Focus, Dimmable, Transportation Lock, Flicker-free, Memory Mode, Backup Mode, Emergency Light, Battery Indicator, Charge Indicator, Low Battery Warning
Item no. Box / GTIN	502188 / 4058205020725
Contents Box	1 Battery Set, Lanyard, USB Power Adapter, Magnetic Charging Cable
Optional Accessories	502242 Roll Protection 85.5 mm

P18R WORK



- 01 – **X-Lens Technology** – precise synchronization of the beams from several reflector lenses to form an extremely homogeneous, stage-like floodlight or a very sharply bundled high beam
- 02 – **Protective elements on the lamp head and the end cap** absorb impacts and increase slip resistance; **the additional front lens cover** protects the lens from scratching
- 03 – **Flicker-free** – flicker-free, constant light enables optimal and safe illumination of fast-moving parts and machines
- 04 – Personalize the light functions via **Smart Light Technology**
- 05 – **Advanced Focus System** – stepless focusing
- 06 – Convenient and safe charging of the battery thanks to the **Magnetic Charge System**





P7R WORK UV



LED	
 LED Configuration	1x Xtreme LED, (1x UV LED 365nm)
 Light Functions	Boost / Power / Mid Power / Low Power (+ Position, Blink, S.O.S., Strobe)
 Luminous Flux ¹ (lm)	1200 / 900 / 390 / 15
 Beam Distance ¹ (m)	240 / 180 / 115 / 15
 Run Time ¹ (h)	- / 2 / 3.25 / 60
 Color Temperature (K)	3700 - 4400
 Color Rendering Index (CRI)	90
BATTERY AND CASE	
 Battery	1x 21700 Li-ion Battery 3.7V
 Battery Capacity ² (Wh / mAh)	17.76 / 4800
 IP Level	IP68
 Rechargeable	Yes
 Charging Time ⁵ (min)	270
 Drop Height (m)	3
 Length – defocused (mm)	170
 Head diameter (mm)	45
 Weight incl. Battery (g / oz)	219 / 7.7
TECHNOLOGY	
 Smart Light Technology	●
 Flex Sealing Technology	●
 Natural Light	●
 Multi-Core Optics	●
 Advanced Focus System	●
More Features	UV Light, Magnetic Charge System, Temperature Control, Chemical Resistant, Dimmable, Transportation Lock, Flicker-free, Memory Mode, Backup Mode, Emergency Light, Battery Indicator, Charge Indicator, Low Battery Warning
PACKAGING	
Item no. Box / GTIN	502601 / 4058205028585
Contents Box	1 Battery Set, Intelligent Clip, Charging Station, Belt Pouch, Lanyard, USB Power Adapter, Magnetic Charging Cable

Optional accessories on page 64

¹⁻⁸ Information on page 76

ULTRAVIOLET LIGHT CHOICE

In addition to the powerful light output and particularly natural color rendering, the P7R Work UV has an additional, high-contrast UV light on the side of the housing which helps, for instance, to check the authenticity of documents, for hygiene control or even for tracing.

- 01 – Extremely powerful** and versatile work flashlight with natural color rendering (CRI 90)
- 02 – Additional, high-contrast UV light** (wavelength: 365 nm) on the side of the housing, useful when checking documents or searching for liquids



- 03 – Rubber covers on the lamp head and end cap protect** absorb impacts and offer increased grip; lens shield protects the lens from impact and dirt
- 04 – Robust charging station** also is suitable for mounting in the vehicle or on the Ledlenser 5 Station Charging Panel
- 05 – Advanced Focus System –** for efficient, precise flood and spot lighting
- 06 – Extreme dust and water protection** IP68



— WORK & PROFESSIONAL
**X-SERIES: LIGHT FOR
EXTREME NEEDS**

 **LEDLENSER**





XP30R 

NEW



Hard Shell Transport Case

LED	
 LED Configuration	30 x High Performance Automotive LEDs
 Light Functions	Boost, 5 Brightness Level (+ Strobe)
 Luminous Flux ¹ (lm)	32,000 / 24,000 / 15,500 / 8500 / 4000 / 500
 Beam Distance ¹ (m)	>2000 / 1900 / 1500 / 1100 / 800 / 300
 Run Time ¹ (h)	- / 0.5 / 0.75 / 1.25 / 2.5 / 16
BATTERY AND CASE	
 Battery	AMPShare Battery powered by BOSCH
 Battery Capacity (Wh / mAh) ²	90 / 5000
 Rechargeable	Yes
 Charging Time ⁵ (min)	80
 IP Level	IP54
SIZE AND WEIGHT	
 B / H / T (mm)	307 x 212 x 180
 Weight incl. Battery (g / oz)	3600 / 127
TECHNOLOGY	
 Extreme Search Beam	●
 Active Cooling Technology	●
 Temperature Control	●
More Features	Charge Indicator, Battery Indicator, Remote Control with up to 200 m range
PACKAGING	
Item no. Transport Case / GTIN	(EU version) 503039 / 4058205035798 (UK version) 502783 / 4058205031264
Contents	Hard Shell Transport Case, Battery System AMPShare - powered by Bosch, Battery Charger, Carrying Strap, Remote Control, Universal Mounting Bracket

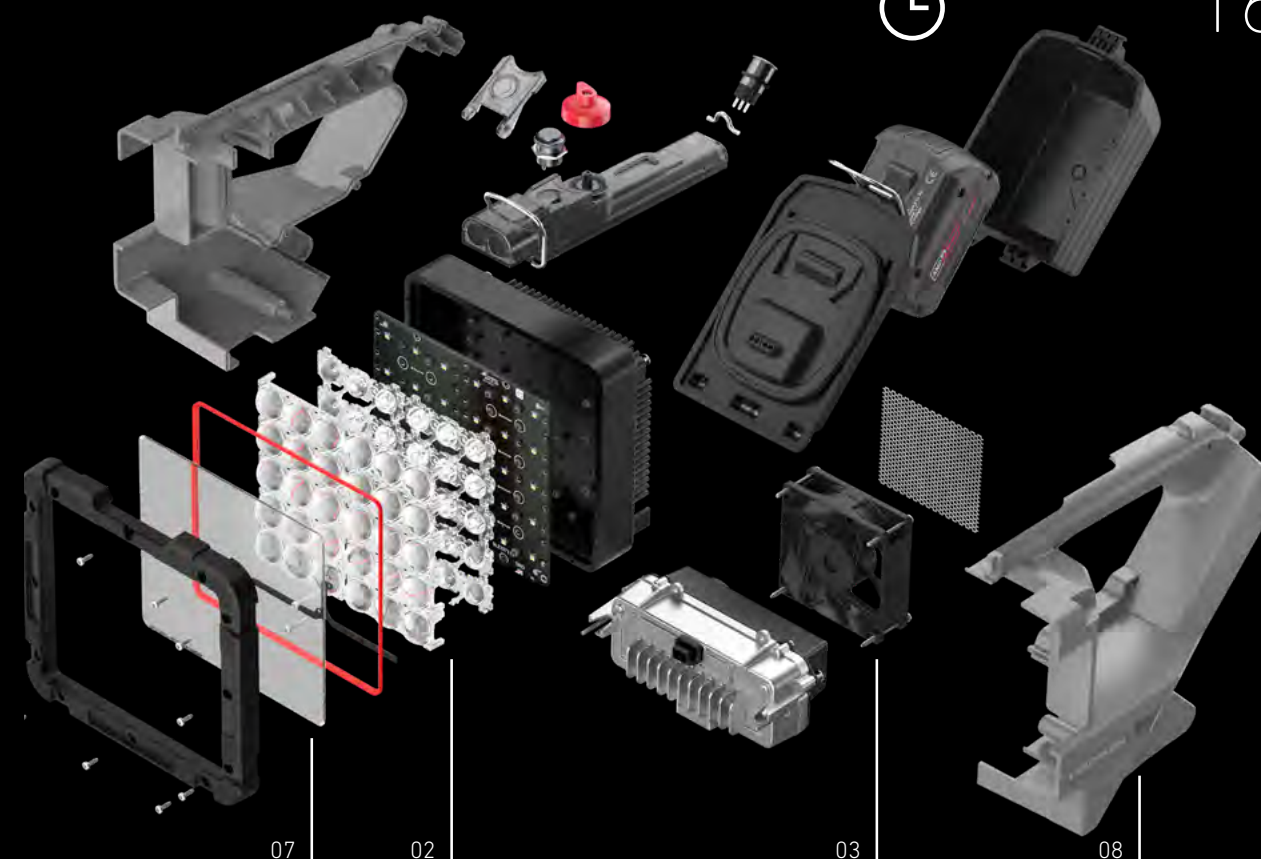
¹⁻² Information on page 76

ULTIMATE LIGHT PERFORMANCE MADE IN GERMANY



PRODUCT VIDEO

 32,000 lm¹ —
 2000 m¹ —
 16 h¹ —



04



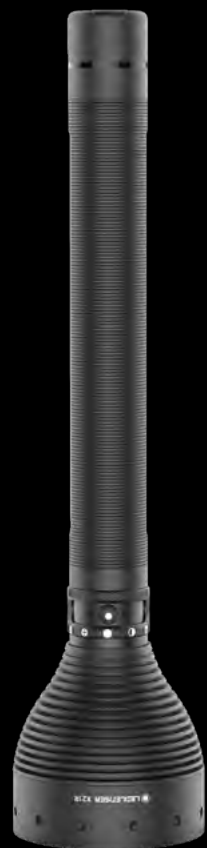
- 01 – High-end portable searchlight with up to 32,000 lumens¹
- 02 – Extreme Search Beam - 30 powerful automotive LEDs combined with unique optics for extreme long-range vision without glare at close range
- 03 – Active Cooling Technology - powerful fan for maximum light output over a long period of time
- 04 – AMPShare - powered by Bosch battery with fast charging function
- 05 – Compact dimensions and perfect weight distribution for optimal handling and single-handed operation
- 06 – Remote control with up to 200 m range
- 07 – Extremely robust due to protective elements and robust front glass
- 08 – Screw thread for tripod mounting
- 09 – Made in Germany - development and production in Germany according to highest quality standards



X21R



 5000 lm¹
 800 m¹
 40 h¹



- 01 – Extreme light output** – up to 800 meters¹ beam distance with up to 5000 lumens¹ thanks to seven Xtreme LEDs
- 02 – X-Lens Technology** – precise synchronization of the bundles of rays from several reflector lenses to form an extremely homogeneous, stage-like floodlight or a very sharply focused high beam
- 03 – Advanced Focus System** – stepless focusing
- 04 – High-quality battery system **Safety Ytrion Cell**** – over 5000 charging cycles without significant loss of capacity
- 05 – Quick to hand – convenient charging with the **Floating Charge System****
- 06 – Great ease of use** – 7 light functions, 4 light programs, 2 energy modes, and 1 multi-function switch



EXTREME POWER RECHARGEABLE & MULTIFUNCTIONAL

LED	
 LED Configuration	7x Xtreme LED
 Light Functions	Boost / Power / Low Power (+ Blink, S.O.S., Strobe, Position)
 Luminous Flux ¹ (lm)	5000 / 3500 / 200
 Beam Distance ¹ (m)	800 / 700 / 150
 Run Time ¹ (h)	– / 5 / 40
BATTERY AND CASE	
 Battery	1x LiFePO4 Battery Pack 9.6V
 Battery Capacity ² (Wh / mAh)	48 / 5000
 Rechargeable	Yes
 Charging Time ⁵ (min)	210
 IP Level	IP54
SIZE AND WEIGHT	
 Length – defocused (mm)	405
 Head diameter (mm)	95
 Weight incl. Battery (g / oz)	1315 / 45.9
TECHNOLOGY	
 Smart Light Technology	●
 Rapid Focus	●
 Floating Charge System	●
 Advanced Focus System	●
 X-Lens Technology	●
 Emergency Light	●
 Safety Ytrion Cell	●
 Temperature Control	●
More Features	Energy Saving, Constant Light, Charge Indicator, Battery Indicator, Dimmable, Transportation Lock
PACKAGING	
Item no. Carrying Case / GTIN	501967 / 4058205015394
Contents	1 Battery Set, Floating Charge System, Assembly Material, Power Supply Unit, Roll Protection, Tripod Holder, Carrying Strap, Case
OPTIONAL ACCESSORIES	
	0386 Car Charger

¹⁻⁸ Information on page 76



— WORK & PROFESSIONAL HEADLAMPS



● LEDLENSER

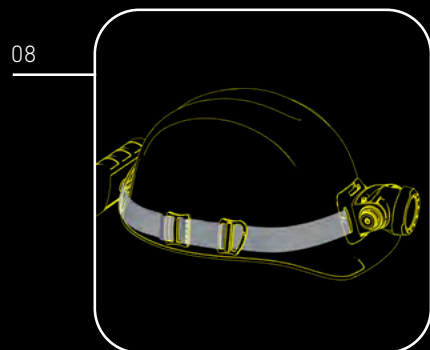


H15R WORK

THE H-SERIES THE WORKHORSE AMONG THE HEADLAMPS



 2500 lm¹
 250 m¹
 70 h¹



- 01 – Extremely powerful, focusable work headlamp: **high color rendering index, neutral white light**
- 02 – Strong **dust and water protection (IP67)**
- 03 – **Flicker-free** – flicker-free, constant light enables strobe-free illumination, for fast-moving parts and machines
- 04 – **Protective elements on the lamp head and the end cap** absorb impacts and increase slip resistance; **the additional front lens cover** protects the lens from scratching
- 05 – Intuitive operation and stepless dimming thanks to **Wheel Switch** on the lamp head
- 06 – Stepless **swivel mechanism** for vertical alignment of the light cone
- 07 – **Ledlenser Connecting System** – one interface for many accessories
- 08 – **Extensive accessories** for versatile use, e. g. mounting clips, focusing ring, belt clip, transparent silicone headband, extension cord
- 09 – Convenient and safe charging of the battery thanks to the **Magnetic Charge System**

¹⁻⁸ Information on page 76



H-SERIES WORK

30

LED

- ## BATTERY AND CASE

- ## SIZE AND WEIGHT

- TECHNOLOGY

- ## More Features

PACKAGING

- | Item no. Box / GTIN | Quantity | Unit Price | Total Price |
|---------------------|----------|------------|-------------|
| 1 | 1 | 1000 | 1000 |
| 2 | 1 | 2000 | 2000 |
| 3 | 1 | 3000 | 3000 |
| 4 | 1 | 4000 | 4000 |
| 5 | 1 | 5000 | 5000 |
| 6 | 1 | 6000 | 6000 |
| 7 | 1 | 7000 | 7000 |
| 8 | 1 | 8000 | 8000 |
| 9 | 1 | 9000 | 9000 |
| 10 | 1 | 10000 | 10000 |
| 11 | 1 | 11000 | 11000 |
| 12 | 1 | 12000 | 12000 |
| 13 | 1 | 13000 | 13000 |
| 14 | 1 | 14000 | 14000 |
| 15 | 1 | 15000 | 15000 |
| 16 | 1 | 16000 | 16000 |
| 17 | 1 | 17000 | 17000 |
| 18 | 1 | 18000 | 18000 |
| 19 | 1 | 19000 | 19000 |
| 20 | 1 | 20000 | 20000 |
| 21 | 1 | 21000 | 21000 |
| 22 | 1 | 22000 | 22000 |
| 23 | 1 | 23000 | 23000 |
| 24 | 1 | 24000 | 24000 |
| 25 | 1 | 25000 | 25000 |
| 26 | 1 | 26000 | 26000 |
| 27 | 1 | 27000 | 27000 |
| 28 | 1 | 28000 | 28000 |
| 29 | 1 | 29000 | 29000 |
| 30 | 1 | 30000 | 30000 |
| 31 | 1 | 31000 | 31000 |
| 32 | 1 | 32000 | 32000 |
| 33 | 1 | 33000 | 33000 |
| 34 | 1 | 34000 | 34000 |
| 35 | 1 | 35000 | 35000 |
| 36 | 1 | 36000 | 36000 |
| 37 | 1 | 37000 | 37000 |
| 38 | 1 | 38000 | 38000 |
| 39 | 1 | 39000 | 39000 |
| 40 | 1 | 40000 | 40000 |
| 41 | 1 | 41000 | 41000 |
| 42 | 1 | 42000 | 42000 |
| 43 | 1 | 43000 | 43000 |
| 44 | 1 | 44000 | 44000 |
| 45 | 1 | 45000 | 45000 |
| 46 | 1 | 46000 | 46000 |
| 47 | 1 | 47000 | 47000 |
| 48 | 1 | 48000 | 48000 |
| 49 | 1 | 49000 | 49000 |
| 50 | 1 | 50000 | 50000 |
| 51 | 1 | 51000 | 51000 |
| 52 | 1 | 52000 | 52000 |
| 53 | 1 | 53000 | 53000 |
| 54 | 1 | 54000 | 54000 |
| 55 | 1 | 55000 | 55000 |
| 56 | 1 | 56000 | 56000 |
| 57 | 1 | 57000 | 57000 |
| 58 | 1 | 58000 | 58000 |
| 59 | 1 | 59000 | 59000 |
| 60 | 1 | 60000 | 60000 |
| 61 | 1 | 61000 | 61000 |
| 62 | 1 | 62000 | 62000 |
| 63 | 1 | 63000 | 63000 |
| 64 | 1 | 64000 | 64000 |
| 65 | 1 | 65000 | 65000 |
| 66 | 1 | 66000 | 66000 |
| 67 | 1 | 67000 | 67000 |
| 68 | 1 | 68000 | 68000 |
| 69 | 1 | 69000 | 69000 |
| 70 | 1 | 70000 | 70000 |
| 71 | 1 | 71000 | 71000 |
| 72 | 1 | 72000 | 72000 |
| 73 | 1 | 73000 | 73000 |
| 74 | 1 | 74000 | 74000 |
| 75 | 1 | 75000 | 75000 |
| 76 | 1 | 76000 | 76000 |
| 77 | 1 | 77000 | 77000 |
| 78 | 1 | 78000 | 78000 |
| 79 | 1 | 79000 | 79000 |
| 80 | 1 | 80000 | 80000 |
| 81 | 1 | 81000 | 81000 |
| 82 | 1 | 82000 | 82000 |
| 83 | 1 | 83000 | 83000 |
| 84 | 1 | 84000 | 84000 |
| 85 | 1 | 85000 | 85000 |
| 86 | 1 | 86000 | 86000 |
| 87 | 1 | 87000 | 87000 |
| 88 | 1 | 88000 | 88000 |
| 89 | 1 | 89000 | 89000 |
| 90 | 1 | 90000 | 90000 |
| 91 | 1 | 91000 | 91000 |
| 92 | 1 | 92000 | 92000 |
| 93 | 1 | | |

OPTIONAL ACCESSORIES

Further accessories on page 64



- © 2006 The Authors
Journal compilation © 2006 Blackwell Publishing Ltd

- _____

- _____

- Cooling Technology, Temperature Control,

- 1 Battery Set, Magnetic Charging Cable,
Mounting Clip, Emergency Pin



- _____

- _____

- _____

- Cooling Technology, Temperature Control,

- 1 Battery Set, Magnetic Charging Cable,
Mounting Clips, Focusing Ring,



- _____

- _____

- _____

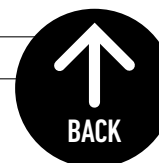
- Cooling Technology, Dimmable, Transport-

- 1 Battery Set, Magnetic Charging Cable,
Mounting Clips, Focusing Ring,

- 502411 Bluetooth®8 Batterybox

- 502309 Color Filter Set 47mm

¹⁻⁸ Information on page 76



— WORK & PROFESSIONAL WORKLIGHTS



 LEDLENSER



W-SERIES

W1R WORK

LED

	LED Configuration
	Light Functions Flood
	Luminous Flux Flood ¹ (lm)
	Run Time Flood ¹ (h)
	Luminous Flux Spot ¹ (lm)
	Run Time Spot ¹ (h)
	Color Temperature (K)
	Color Rendering Index (CRI)

BATTERY AND CASE

	Battery
	Battery Capacity ² (Wh / mAh)
	Rechargeable
	Charging Time ⁵ (min)
	IP Level

SIZE AND WEIGHT

	B / H / T (mm)
	Weight incl. Battery (g / oz)

FEATURES

PACKAGING

Item no. Box / GTIN
Contents Box

OPTIONAL ACCESSORIES

WORK MADE EASY PREMIUM WORK LIGHTS



W1R WORK



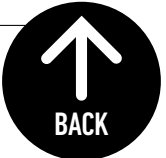
W2 WORK



W2R WORK

1x COB LED	1x COB LED (Flood), 1x Xtreme LED	1x COB LED (Flood), 1x Xtreme LED
Power / Low Power	Power / Low Power	Power / Low Power
220 / 60	160 / 40	220 / 60
1.5 / 7	5 / 20	1.5 / 7
-	80	100
-	10	3.5
6000 - 7500	6000 - 7500	6000 - 7500
70	70	70
Li-ion Battery 3.7V (internal)	2x AAA Alkaline 1.5V	Li-ion Battery 3.7V (internal)
2.74 / 740	-	2.33 / 630
Yes	Nein	Yes
120	-	150
IP54	IP54	IP54
38 / 76 / 32	17 / 176 / 24	17 / 176 / 24
61 / 2.2	65 / 2.3	61 / 2.2
• Ultra-compact clip light • Flexible illumination thanks to swivel joint and swivelling lamp head • Integrated magnet for flexible positioning • Easy to charge via USB-C	• Compact pen and test light • Flexible operation with two AAA batteries • Spot LED for precise illumination of details • Flood LED for wide-area illumination	• Compact pen and test light • Easily rechargeable via USB-C • Spot LED for precise illumination of details • Flood LED for wide-area illumination
502810 / 4058205032094	502808 / 4058205032032	502809 / 4058205032063
USB-C charging cable	1 Battery Pack	1 Battery Pack, USB-C charging cable
502929 USB-C Adapter 20W	500981 4x AAA Alkaline Ionic	502929 USB-C Adapter 20W

¹⁻⁸ Information on page 76



W7R WORK



☀ 600 lm¹
⌚ 5 h¹

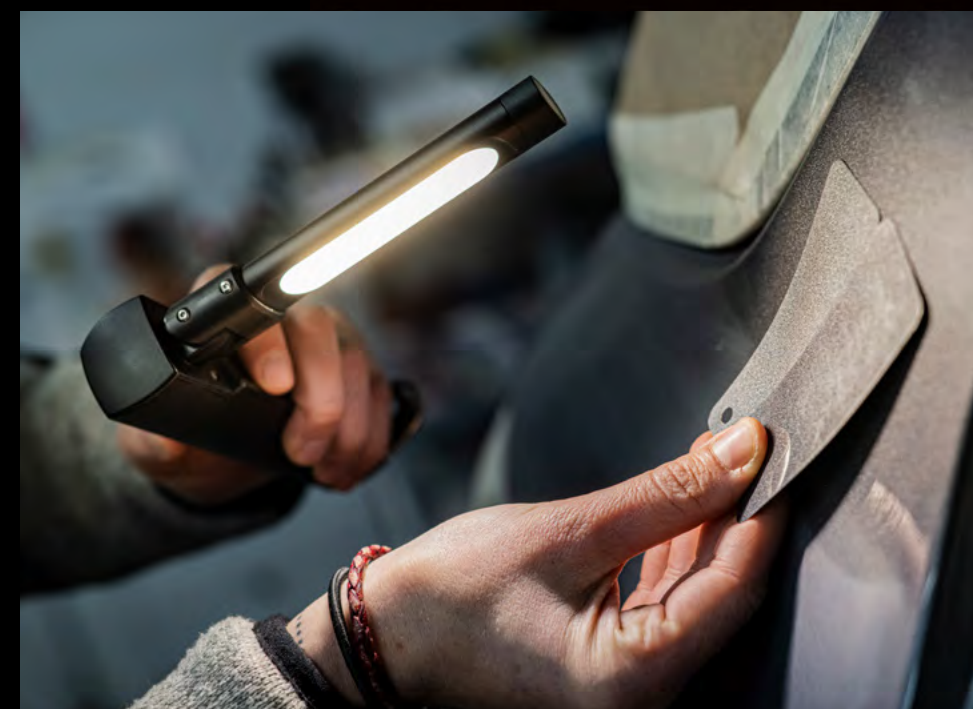
- 01** – Continuously adjustable color temperature from neutral white to cool white, e. g. for checking color fastness or to distinguish cables
- 02** – Flood LED with homogeneous premium light pattern for illuminating larger working areas
- 03** – UV light (365 nm) for locating leaks or inspecting documents
- 04** – Flexible mounting via stand, magnet or metal hook
- 05** – Plastic housing: **robust and non-slip**
- 06** – Efficient Li-ion battery, easily rechargeable via USB-C (smartphone charging cable)
- 07** – Transportation lock protects against unintentional switch-on

SERIES VIDEO



CLEVER, POWERFUL, VERSATILE

THE ULTIMATE WORK LIGHT FOR PROFESSIONALS



WORK MADE EASY
PREMIUM WORK LIGHTS



LED		
LED Configuration	1x COB LED (Flood), 1x High Power LED (Spot)	1x COB LED (Flood), 1x Xtreme LED (Spot)
Light Functions Flood	Power / Low Power	Power / Low Power
Luminous Flux Flood ¹ (lm)	220 / 60	600 / 220
Run Time Flood ¹ (h)	2 / 9	3 / 6
Luminous Flux Spot ¹ (lm)	100	220
Run Time Spot ¹ (h)	2	5
Color Temperature (K)	6000 - 7500	6000 - 7500
Color Rendering Index (CRI)	70	80
BATTERY AND CASE		
Battery	Li-ion Battery 3.7V (intern)	Li-ion Battery 3.7V (intern)
Battery Capacity ² (Wh / mAh)	2.8 / 760	9.3 / 2500
Rechargeable	Yes	Yes
Charging Time ⁵ (min)	120	210
IP Level	IP54	IP54
SIZE AND WEIGHT		
B / H / T (mm)	28 / 163 / 20	38 / 153 / 27
Weight incl. Battery (g / oz)	91 / 3.2	153 / 5.4
FEATURES		
	• Compact and powerful work light • Flexible mounting thanks to magnet and swivel mechanism • 2 light sources (spot and flood) • Battery status indicator • Transport lock • Flicker-free	• Powerful work light for large work areas • Flexible mounting thanks to magnet and swivel mechanism • 2 light sources (spot and flood) • Battery status indicator • Transport lock • Flicker-free
PACKAGING		
Item no. Box / GTIN	502733 / 4058205030441	502735 / 4058205030502
Contents Box	USB-C charging cable	USB-C charging cable
OPTIONAL ACCESSORIES		
	502929 USB-C Adapter 20W	502929 USB-C Adapter 20W



LED		
LED Configuration	1x COB LED (Flood), 1x High Power LED (Spot)	1x COB LED (Flood), 1x UV Light (365 nm)
Light Functions Flood	Power / Low Power	Power / Low Power
Luminous Flux Flood ¹ (lm)	500 / 220	600 / 220
Run Time Flood ¹ (h)	2 / 6	2 / 5
Luminous Flux Spot ¹ (lm)	120	-
Run Time Spot ¹ (h)	10	-
Color Temperature (K)	6000 - 7500	4000 - 7500 (stepless adjustable)
Color Rendering Index (CRI)	80	80
BATTERY AND CASE		
Battery	Li-ion Battery 3.7V (internal)	Li-ion Battery 3.7V (internal)
Battery Capacity ² (Wh / mAh)	9.3 / 2500	9.3 / 2500
Rechargeable	Yes	Yes
Charging Time ⁵ (min)	210	210
IP Level	IP54	IP54
SIZE AND WEIGHT		
B / H / T (mm)	31 / 143 / 45	31 / 143 / 45
Weight incl. Battery (g / oz)	180 / 6.4	180 / 6.4
FEATURES		
	• 2 light sources (spot and flood) • Fold-out (180°) and rotatable (270°) lamp head • Charging via USB-C charging cable • Battery and charge level indicator • Flexible and versatile work light • Flicker-free	• 2 light sources (flood and UV light for leak detection) • Fold-out (180°) and rotatable (270°) lamp head • Charging via USB-C charging cable • Ultimate work light for professionals • Flicker-free
PACKAGING		
Item no. Box / GTIN	502736 / 4058205030533	502737 / 4058205030564
Contents Box	USB-C charging cable	USB-C charging cable
OPTIONAL ACCESSORIES		
	502929 USB-C Adapter 20W	502929 USB-C Adapter 20W



W-SERIES



— WORK & PROFESSIONAL FLOODLIGHTS



 LEDLENSER



POCKET SIZE
RECHARGEABLE
WORK-SITE
FLOODLIGHTS



LED

 LED Configuration
 Light Functions
 Luminous Flux Flood ¹ (lm)
 Run Time Flood ¹ (h)
 Luminous Flux Spot ¹ (lm)
 Run Time Spot ¹ (h)

BATTERY AND CASE

 Battery
 Battery Capacity ² (Wh / mAh)
 Rechargeable
 Charging Time ⁵ (min)
 IP Level

SIZE AND WEIGHT

 B / H / T (mm)
 Weight incl. Battery (g / oz)

FEATURES

PACKAGING

Item no. Box / GTIN
Contents Box

OPTIONAL ACCESSORIES



iF2R

1x COB LED (Flood), 1x Power LED (Spot)
Power / Low Power (Flood)
200 / 100
3 / 6
75
4

Li-ion Battery 3.7V (internal)
5.9 / 1600
Yes
180
IP54

115 / 21 / 48
88 / 3.1

- Mini Floodlights with Floodlight and additional Spotlight
- Flexible Attachment and Alignment thanks to the Movable Stand, Magnet and Hook
- Easy Charging with the robust Magnetic Charge System
- Small and Handy
- Three Light Levels (2x Flood, 1x Spot)

502170 / 4058205020206
USB Cable

502265 Magnetic Charging Cable Type A
502271 USB Adapter 2.4A
0380 USB Car Charger



iF3R

1x COB LED (Flood)
Five brightness level
1000 / 750 / 500 / 250 / 100
1.5 / 2 / 3 / 5 / 15
–
–

Li-ion Battery 3.7V (internal)
14.8 / 4000
Yes
300
IP54

36 / 140 / 71
392 / 13.8

- Small Floodlights with outstanding Light Output
- Flexible Attachment and Alignment thanks to the Movable Stand, Magnet and Hook
- Easy Charging with the robust Magnetic Charge System
- Cooling Technology for long-term operation without overheating
- Five Levels of Light

502171 / 4058205020237
USB Power Supply, Magnetic Charging Cable

502265 Magnetic Charging Cable Type A
502271 USB Adapter 2.4A
0380 USB Car Charger

¹⁻⁸ Information on page 76

iF2R



- 01 – Floodlight
02 – Spotlight
03 – Magnetic hook for fixing
04 – Battery and charging level indicator
05 – Magnetic Charge System



iF4R music

 2500 lm¹
 15 h¹



 **Bluetooth®**

- 01 – Built-in speaker with Bluetooth® control
- 02 – Five brightness settings
- 03 – Built-in magnet for easy attachment to metal surfaces (e. g. steel beams)
- 04 – Easy charging via **Magnetic Charge System**
- 05 – Large, tough handle for easy transport
- 06 – Multifunctional Switch - for quick and easy control of individual light functions

iF8R

 4500 lm¹
 12 h¹



 **LEDLENSER PRO CONNECT APP**

 **Bluetooth®**



- 01 – Rechargeable
- 02 – Remote control via app, up to four lamps can be remotely controlled
- 03 – Powerbank function
- 04 – Built-in magnet for easy attachment
- 05 – **Cooling Technology** – efficient cooling element for a long life and optimum performance
- 06 – Five brightness levels
- 07 – Multifunctional Switch - for quick and easy control of individual light functions
- 08 – Chip-on-board technology
- 09 – Easy to transport thanks to the large, robust handle



iF8R 

LED

-  LED Configuration
-  Light Functions
-  Luminous Flux Flood¹ (lm)
-  Run Time Flood¹ (h)

BATTERY AND CASE

-  Battery
-  Battery Capacity² (Wh / mAh)
-  Rechargeable
-  Charging Time⁵ (min)
-  IP Level

SIZE AND WEIGHT

-  B / H / T (mm)
-  Weight incl. Battery (g / oz)

TECHNOLOGY

-  Magnetic Charge System
-  Powerbank-Funktion
-  Cooling Technology

More Features

PACKAGING

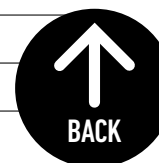
- Item no. Box / GTIN
- Contents Box

OPTIONAL ACCESSORIES

ULTRA BRIGHT WORK-SITE FLOODLIGHTS WITH POWERBANK FUNCTION OR MUSIC BOX

	 	 	 
iF4R	iF4R music	iF8R	
1x 34W COB LED	1x 34W COB LED	1x 66W COB LED	
Five brightness levels	Five brightness levels	Five brightness levels	
2500 / 1500 / 1000 / 500 / 200	2500 / 1500 / 1000 / 500 / 200	4500 / 3000 / 2000 / 1000 / 400	
1.3 / 2 / 3 / 6 / 15	1.3 / 2 / 3 / 6 / 15	1.25 / 1.5 / 2.5 / 5 / 12	
Li-ion Battery 3.7V (internal)	Li-ion Battery 3.7V (internal)	Li-ion Battery 3.7V (internal)	
29.6 / 8000	29.6 / 8000	44.4 / 4000	
Yes	Yes	Yes	
240	360	240	
IP54	IP54	IP54	
Charge Indicator, Battery Indicator, Magnet, Stand	Charge Indicator, Battery Indicator, Transportation Lock, Bluetooth [®] Speaker, Magnet, Magnetic Charge System	Charge Indicator, Battery Indicator, Bluetooth [®] , Magnet, Stand	
502001 / 4058205016209	502172 / 4058205020268	502002 / 4058205016230	
USB Cable, USB Power Supply	USB Power Supply, Magnetic Charging Cable	Power Adapter	
502271 USB Adapter 2.4A	502265 Magnetic Charging Cable Type A		
0380 USB Car Charger	502271 USB Adapter 2.4A		
	0380 USB Car Charger		

¹⁻⁸ Information on page 76



— WORK & PROFESSIONAL INTRINSICALLY SAFE LIGHTS



 LEDLENSER



FOR MAXIMUM SAFETY AT THE WORKPLACE

If you work in explosive environments, safety is extremely important when it comes to using electronics.

Ledlenser EX-series lights meet these standards in every aspect. Designed specifically for contact with explosive gases, vapors and dust in the best possible groups IIC and IIIC. They feature maximum dust protection, are protected from water and ATEX and IECEx approved.

EXEMPLARY FIELDS OF APPLICATION:

- Oil and gas drilling rigs
- Gas, oil and coal-fired power plants
- Chemical parks
- Storage sites for oil and gas
- Petrol stations and road tankers
- Sewerage and sewage treatment plants
- Paint shops and car repair shops
- Pharmaceutical factories
- Food factories
- Distilleries
- Sawmills
- and many more



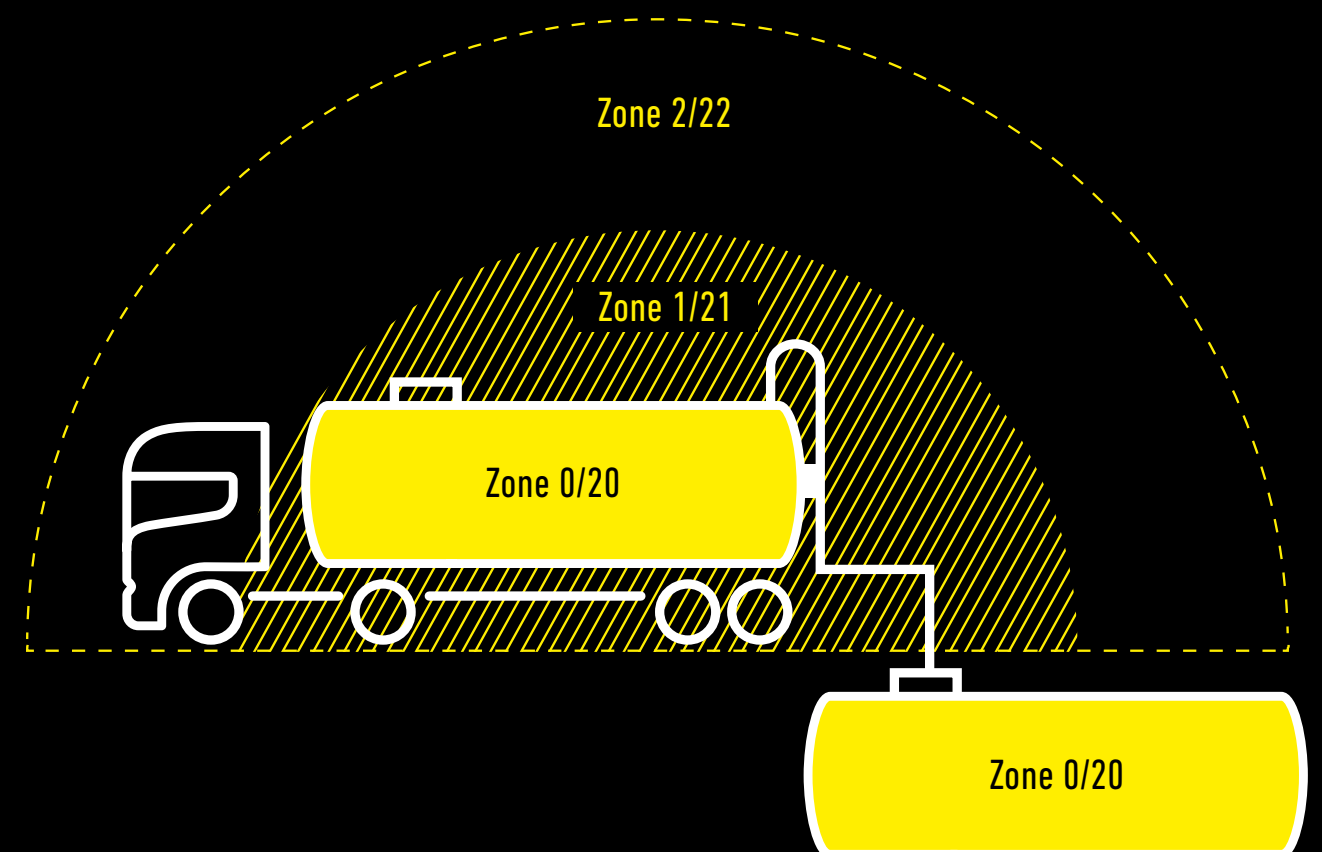
* Depending on the gases and/or dusts present.

Yet both lines - in compliance with the ATEX operating directives - are designed for different types of explosion hazards.

The **EX-series** is suitable for use in areas where explosive atmospheres are frequently present (zones 0, 1, 20 or 21).

The ATEX Directive of the European Union

From oil and gas production facilities to chemical plants and distilleries as well as sawmills and bakeries: The ATEX Directive applies to all businesses within the EU, in which explosive atmospheres can arise due to gas or dust. At the same time, the work areas are divided into zones according to the frequency and duration of the risk of explosion.



A place in which an explosive atmosphere consisting of a mixture with air of dangerous substances in the form of gas, vapor or a cloud of combustible dust is **continuously present** for long periods or frequently (e. g. in gas tanks or grain elevators).



Working areas in which explosive atmospheres in the form of flammable gases, vapors or dust clouds **occasionally** prevail.



Working areas in which explosive atmospheres in the form of flammable gases, vapors or dust clouds (e. g. in case of a gas leak) **usually do not prevail / prevail only for a short time.**



EXC6R



EX-PROTECTED LIGHTS SPECIALLY DEVELOPED FOR FIREFIGHTERS

- For demanding operations under extreme conditions
- Numerous specific functions and features for optimum handling in use
- The new right-angle lights are in accordance with DIN 14649 for explosion-proof firefighter lights
- Battery-operated and rechargeable models for various applications



EXC6R 



EXC7R 



Extra powerful, larger model for demanding applications with a large light requirement

SIZE COMPARISON

KEY FEATURES OF OUR NEW EX-PROTECTED RIGHT-ANGLE LIGHTS

- 01 – Most compact **DIN-14649 compliant right-angle light for firefighters** on the market; extremely lightweight
- 02 – Replaceable, powerful rechargeable battery
- 03 – **Lamp head swivels 135°** for optimal light alignment
- 04 – Separate LEDs for focused high beam or homogenous, glare-free close-range working light
- 05 – Extreme dust and water protection: **IP68**
- 06 – **Loop and rotating clip** for versatile mounting, e. g. on attachment, e.g. onto pouches or respiratory equipment
- 07 – **Charging station** for mounting in emergency vehicles
- 08 – **Reflectors** increase visibility

02 | Original size





NEW

EXC6R



ZONE
0/21



NEW

EXC7R



ZONE
0/21



LED		
LED Configuration	2x Power LED	3x Power LED
Light Functions	Spot + Flood / Spot / Flood	Spot + Flood / Spot / Flood
Luminous Flux ¹ (lm)	300 / 180 / 120	400 / 320 / 120
Beam Distance ¹ (m)	180 / 150 / 30	240 / 200 / 30
Run Time ¹ (h)	3 / 4 / 10	7 / 8 / 40
BATTERY AND CASE		
Battery	1x Li-ion Battery Pack 3.7V	4x Li-ion Battery Pack 3.7V
Battery Capacity ² (Wh / mAh)	7.03 / 1900	28.12 / 7600
Rechargeable	Yes	Yes
Charging Time ⁵ (min)	210	450
IP Level	IP68	IP68
SIZE AND WEIGHT		
Width (mm)	69	87
Height (mm)	138	187
Weight incl. Battery (g / oz)	285 / 10.0	492 / 17.4
FEATURES		

Magnetic Switch, Backup Mode, Battery Indicator, Charge Indicator, Low Battery Warning

Magnetic Switch, Backup Mode, Battery Indicator, Charge Indicator, Low Battery Warning

CERTIFICATION		
EX-Zone	0/21	0/21
Gas Group	IIA,IIB,IIC	IIA,IIB,IIC
Dust Group	IIIA,IIIB,IIIC	IIIA,IIIB,IIIC
Temperature Class	T4/T135°C	T4/T135°C

PACKAGING		
Item no. Sleeve Box / GTIN	502039 / 4058205016544	502040 / 4058205016575
Contents Box	1 Set of Rechargeable Batteries, Pocket Clip	1 Set of Rechargeable Batteries, Pocket Clip
Item no. Sleeve Box / GTIN	502406 / 4058205024860	502407 / 4058205024891
Contents Box	1 Set of Rechargeable Batteries, Adaptor Cable, Charging Station, Pocket Clip, Power Adapter	1 Set of Rechargeable Batteries, Adaptor Cable, Charging Station, Pocket Clip, Power Adapter

OPTIONAL ACCESSORIES		
	502408 Charging Station EXC6R	502409 Charging Station EXC7R



NEW

EXH6R



ZONE
0/21



LED	
LED Configuration	2x Power LED
Light Functions	Spot + Flood Power / Spot Power / Flood Power / Spot Low Power
Luminous Flux ¹ (lm)	250 / 180 / 100 / 50
Beam Distance ¹ (m)	170 / 140 / 90 / 30
Run Time ¹ (h)	3 / 4 / 10 / 15
BATTERY AND CASE	
Battery	1x Li-ion Battery Pack 3.7V
Battery Capacity ² (Wh / mAh)	7.03 / 1900
Rechargeable	Yes
Charging Time ⁵ (min)	210
IP Level	IP68
SIZE AND WEIGHT	
Width (mm)	56
Height (mm)	-
Weight incl. Battery (g / oz)	330 / 11.64
FEATURES	
Magnetic Switch, Transportation Lock , Backup Mode, Battery Indicator, Charge Indicator, Low Battery Warning	

Magnetic Switch, Transportation Lock , Backup Mode, Battery Indicator, Charge Indicator, Low Battery Warning

CERTIFICATION	
EX-Zone	0/21
Gas Group	IIA,IIB,IIC
Dust Group	IIIA,IIIB,IIIC
Temperature Class	T4/T135°C

PACKAGING	
Item no. Sleeve Box / GTIN	502041 / 4058205016605
Contents Box	Adaptor Cable, Charging Station, Power Adapter

OPTIONAL ACCESSORIES	
	501595 Silicone Headband

EXH6R

NEW



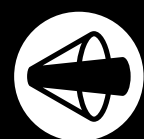
EX-PROTECTED HEADLAMP FOR PROFESSIONALS

- 01 – Compact, versatile headlamp** for explosive environments
- 02 – Lamp head swivels in both directions** for individual adjustment of the light beam
- 03 – Separate LEDs** for a focused high beam or a homogeneous, glarefree working light at close range
- 04 – Extreme dust and water protection:** IP68
- 05 – Integrated, replaceable battery** with charging station for vehicle installation
- 06 – Approval for mining** (Ex ia I Ma)



EX7R 

220 lm¹ 
140 m¹ 
45 h¹ 



ADVANCED
FOCUS SYSTEM

- 01** – Suitable for the highest gas and dust groups (IIC/IIIC)
- 02** – **Magnetic Switch** for easy operation with gloves and protective equipment
- 03** – **Dustproof and protected against powerful water jets (IP66 and IP68)**
- 04** – **Advanced Focus System** – stepless focusing
- 05** – **Rechargeable** via charging station



LED
 LED Configuration
 Light Functions
 Luminous Flux ¹ (lm)
 Beam Distance ¹ (m)
 Run Time ¹ (h)
BATTERY AND CASE
 Battery
 Battery Capacity ² (Wh / mAh)
 Rechargeable
 Charging Time ⁵ (min)
 IP Level
SIZE AND WEIGHT
 Head Diameter (mm)
 Length (mm)
 Weight incl. Battery (g / oz)
TECHNOLOGY
 Advanced Focus System
More Features
CERTIFICATION
EX-Zone
Gas Group
Dust Group
Temperature Class
PACKAGING
Item no. Sleeve Box / GTIN
Contents Box
OPTIONAL ACCESSORIES

GIT
SICHERHEIT
AWARD
2021
FINALIST

ZONE
0/20



EX4

ZONE
0/20



EX7

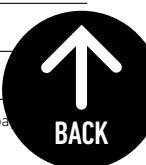
ZONE
1/21



EX7R 

1x Power LED	1x Power LED	1x Power LED
Power	Power / Low Power	Power / Low Power
50	200 / 60	220 / 50
35	120 / 70	140 / 65
7	16 / 45	10 / 45
2x Micro (AAA) Alkaline 1.5V	3x Mignon (AA) Alkaline 1.5V	1x Li-ion Battery Pack 3.7V
–	–	12 / 3250
No	No	Yes
–	–	660
IP66 and IP68	IP66 and IP68	IP66 and IP68
20	41	41
140	161	161
65 / 2.3	232 / 8.2	228 / 8.0
–	●	●
–	–	Charge Indicator
0/20	0/20	1/21
IIA,IIB,IIC	IIA,IIB,IIC	IIA,IIB,IIC
IIIA,IIIB,IIIC	IIIA,IIIB,IIIC	IIIA,IIIB,IIIC
T4/T ₂₀₀ 135°C	T4/T ₂₀₀ 135°C	T4/T ₁ 135°C
500682 / 4058205000437	500836 / 4058205001243	500837 / 4058205001274
1 Set of Batteries	1 Set of Batteries, Belt Clip, Intelligent Clip	1 Set of Batteries, Belt Clip, Intelligent Clip, Charging Station, Power Supply
500954 Helmet Mount Type A	500957 Intelligent Clip Type G	500957 Intelligent Clip Type G
500955 Helmet Mount Type B	500958 Signal Cone 42mm	502261 5 Station Charging Panel
500956 Intelligent Clip Type F		500958 Signal Cone 42mm

¹⁻⁸ Information on page



— PORTABLE ENERGY FLEX-SERIES



● LEDLENSER



FLEX-SERIES: THE FUTURE OF PORTABLE ENERGY



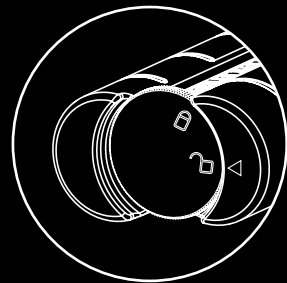
FOR 21700 BATTERIES

FLEX5

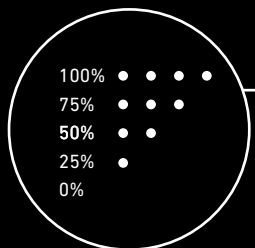
FLEX10

TECHNICAL SPECS	Powerbank+	Powerbank+
Length (mm)	103	120
Width (mm)	41	54
Height (mm)	28	29
Weight with Battery (g / oz)	126 / 4.4	235 / 8.3
Weight without Battery (g / oz)	55 / 1.9	164 / 5.8
TECHNOLOGY		
Battery	1x 21700 Li-ion Battery 3.7V	2x 21700 Li-ion Battery 3.7V
Battery Capacity ² (Wh / mAh)	16.65 / 4500	33.30 / 9000
IP Level	IP65	IP65
Rechargeable	Yes	Yes
Charging Time ⁵ (min)	140	240
Energy Status	Battery Indicator, Charge Indicator, Low Battery Warning	Battery Indicator, Charge Indicator, Low Battery Warning
FEATURES	6-IN-1	6-IN-1
	1. Powerbank with replaceable battery 2. IP65 – water and dust protection 3. BatteryCharger (Up to 30 % shorter charging time – compared to charging in a P7R CORE / WORK / SIGNATURE) 4. Safe Battery Storage 5. Double protection against short circuit (box and battery) 6. Battery Charge Indicator	1. Powerbank with replaceable battery 2. IP65 – water and dust protection 3. Battery Charger (Up to 30 % shorter charging time – compared to charging in a P7R CORE / WORK / SIGNATURE) 4. Safe Battery Storage 5. Double protection against short circuit (box and battery) 6. Battery Charge Indicator for both batteries
MATCHES	H7R Work, P7R Work	H7R Work, P7R Work
PACKAGING		
Item no. Box / GTIN	502511 / 4058205026697	502127 / 4058205019286
Content	1 Rechargeable Battery, USB Cable (USB-A to USB-C)	2 Rechargeable Batteries, USB Cable (USB-A to USB-C)

FLEX10rechargeable



Locking wheel for maximum reliability



Separate charge level indicators

UP TO 30% FASTER CHARGING
(Compared to charging in a Ledlenser P7R CORE / WORK / SIGNATURE)

Water and dust protection IP65/ special USB ports



TRAVEL



READY TO USE



+55 EXTRA⁴ HOURS



Powerbank – new portable power!
Innovative 6-in-1 System

Flexible, sustainable, powerful – that distinguishes our new Flex series; the ideal addition for all outdoor activities. The rechargeable batteries of the new Ledlenser powerbanks can be removed at any time and are easy to swap out after being drained.

Therefore, the powerbanks can charge the 18650 respectively 21700 batteries used in compatible Ledlenser lights and in other electronic devices.



USB
TYPE-C



FLEX-SERIES: EVEN MORE POWER ON THE GO



► FOR 18650 BATTERIES

FLEX3

FLEX7

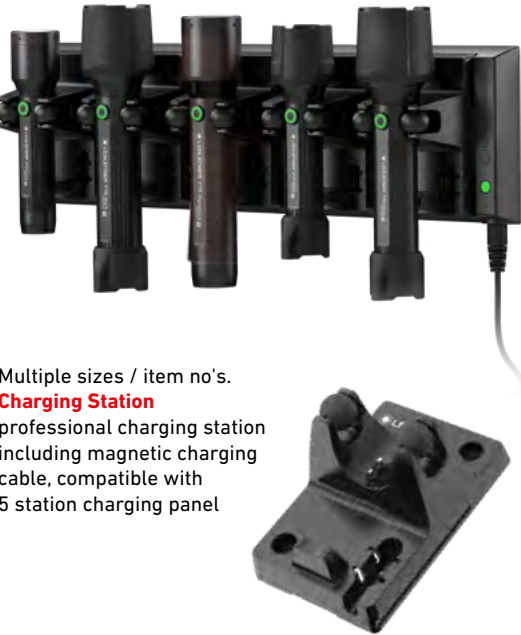
TECHNICAL SPECS	Powerbank+	Powerbank+
↗ Length (mm)	109	109
↔ Width (mm)	27	47
↑ Height (mm)	27	27
⚖ Weight with Battery (g / oz)	88 / 3.1	164 / 5.8
⚖ Weight without Battery (g / oz)	40 / 1.4	116 / 4.1
TECHNOLOGY		
🔋 Battery	1x 18650 Li-ion Battery 3.6V	2x 18650 Li-ion Batteries 3.6V
🔋 Battery Capacity² (Wh / mAh)	12.34 / 3400	24.68 / 6800
☁ IP Level	IP65	IP65
🔌 Rechargeable	Yes	Yes
🕒 Charging Time⁵ (min)	240	240
Energy Status	Battery Indicator, Charge Indicator, Low Battery Warning	Battery Indicator, Charge Indicator, Low Battery Warning
FEATURES	6-IN-1	6-IN-1
	1. Powerbank with replaceable battery 2. IP65 – water and dust protection 3. Battery Charger (Up to 30 % shorter charging time – compared to charging in a P6R CORE / WORK / SIGNATURE) 4. Safe Battery Storage 5. Double protection against short circuit (box and battery) 6. Battery Charge Indicator	1. Powerbank with replaceable battery 2. IP65 – water and dust protection 3. Battery Charger (Up to 30 % shorter charging time – compared to charging in a P6R CORE / WORK / SIGNATURE) 4. Safe Battery Storage 5. Double protection against short circuit (box and battery) 6. Battery Charge Indicator for both batteries
MATCHES		
	P6R Work	P6R Work
PACKAGING		
Item no. Box / GTIN	502126 / 4058205019255	502125 / 4058205019224
Contents Box	1 Rechargeable Battery, Micro-USB Cable	2 Rechargeable Batteries, Micro-USB Cable

1-8 Information on page 76



ACCESSORIES FLASHLIGHTS

Item no.	PRODUCT NAME	P2R	P4R	P5R	P6R	P7R / UV	P18R
0333	Pouch Type A			•			
0342	Pouch Type G	•					
502268	Pouch Type O				•	• / •	
502249	Lamp Adapter Type B			•			
502250	Lamp Adapter Type C				•		
502251	Lamp Adapter Type D					• / •	
502253	Belt Clip Type A			•	•	• / •	
502254	Helmet Mount for Euroslot Type A			•	•	• / •	
502256	Universal Mounting Bracket Type E			•		• / •	
0362	Universal Mounting System				•		
501033	Magnetic Mount					• / •	
0380	USB Car Charger	•	•	•	•	• / •	•
502271	USB Adapter 2.4A	•	•	•	•	• / •	•
502265	Magnetic Charging Cable Type A	•	•	•	•	• / •	•
502259	Charging Station Type A			•			
502260	Charging Station Type B				•	• / •	
502261	5 Station Charging Panel			•	•	• / •	
502596	Li-Ion direct USB Rechargeable Battery 3.6 V / 880 mAh			•			
502126	Powerbank Flex3				•		
502125	Powerbank Flex7				•		
502511	Powerbank Flex5					• / •	
502127	Powerbank Flex10					• / •	
500985	Li-Ion Rechargeable Battery 3.7V / 750 mAh			•			
502262	21700 Li-ion Rechargeable Battery 4800mAh					• / •	



Multiple sizes / item no's.
Charging Station
professional charging station
including magnetic charging
cable, compatible with
5 station charging panel

Item no. 502261
5 Station Charging Panel
Charge up to five
compatible Ledlenser
Lights (requirement:
matching charging station)

Item no. 0342
Pouch
Belt pouch made
of robust polyamide
fabric with elastic
side walls



Item no. 0362
Universal Mounting System
This universal mounting system quickly attaches flash-
lights with a diameter of 25-34 mm securely to tripods,
rods and tubes

ACCESSORIES HEADLAMPS



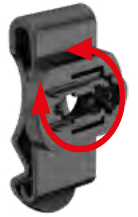
Item no. 502314
Helmet Connecting Kit H
Stable helmet holder
system for a wide variety
of helmet models



Item no. 502256
Universal Mounting Bracket
Stable universal fastening
for rods



Item no. 502253
Belt Clip Type A
Belt clip for lights and
batteries



Item no. 502451
Transparent Silicone Headband
Elastic headband made of transparent silicone: Excellent grip,
durability and easy to use. Due to the transparent material,
safety-relevant information remains visible on the helmet



Item no. 502308
Color Filter Set
Four high quality color filters:
Red maintains night vision. Green
and red are among others suitable
for wildlife viewing. Yellow im-
proves visibility in fog. Blue improves
the visibility of liquids



Item no. 502312
Extension Cable
Practical extension cable (120 cm)
that is plugged in between the lamp
head and the battery box - so the
battery can easily be stowed in the
backpack

Item no.	PRODUCT NAME	HF4R	HF6R	HF8R	H5R	H7R	H15R
0332	Pouch Type H	•	•	•	•		
502253	Belt Clip Type A					•	•
502254	Helmet Mount for Euroslot Type A	•	•	•			
502314	Helmet Connecting Kit Type H	•	•	•	•	•	•
502313	Helmet Band Fixing Clip Type A				•	•	•
502256	Universal Mounting Bracket Type E	•	•	•	•	•	•
502308	Color Filter Set 40mm					•	
502451	Transparent Silicone Headband Type A				•	•	•
502469	Headband+Overheadband Core				•	•	•
502271	USB Adapter 2.4A				•	•	•
502265	Magnetic Charging Cable Type A	•	•	•	•	•	•
502311	Wireless Remote Control Type A			•			
502312	Extension Cable Type C					•	•
502411	Bluetooth® 2x 21700 Batterybox					•	•
502511	Powerbank Flex5					•	
502127	Powerbank Flex10					•	
502262	21700 Li-ion rechargeable battery 4800mAh					•	



— TECHNOLOGIES,
ABOUT US, WARRANTY
AND MORE



Ledlenser headquarters in Solingen, Germany

LEDLENSER TECHNOLOGY ABC

From innovative lenses and advanced light functions to future-oriented power supplies - we work tirelessly to improve our technology to further expand our lead. Here are some examples:



ADAPTIVE LIGHT BEAM

NEW

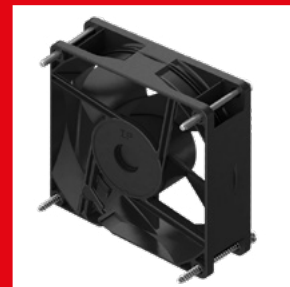
Our Adaptive Light Beam technology dims and focuses automatically. This way, the light is adapted to changing environments and obstacles; from uneven forest ground and wet sidewalks to narrow machine compartments – without manual control. The system detects blinding reflections as well as overall light conditions and controls all light sources separately. This does not only result in an ideal illumination and focusing, but it also enables completely hands-free use, with an extended battery runtime.



ACTIVE COOLING TECHNOLOGY

NEW

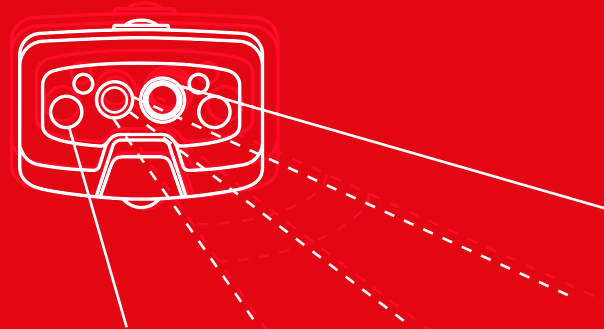
High luminosity requires special measures. A powerful fan actively cools down the high-end LED and allows maximum light output over long periods of time – while remaining consistently energy-efficient.



DIGITAL ADVANCED FOCUS SYSTEM

NEW

Our patent-pending Digital Advanced Focus System (dAFS) allows a virtually seamless transition from homogeneous floodlight to focused spotlight. Its efficiency delights even experts. The technology enables a slim design, ideal lighting for different ranges and permanent peripheral vision.



EXTREME SEARCH BEAM

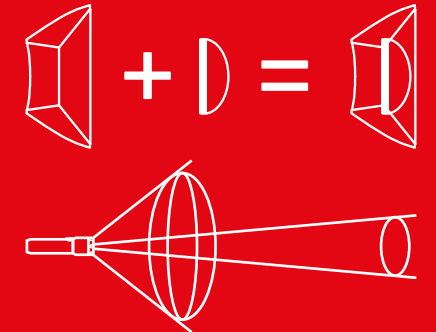
NEW

Our Extreme Search Beam consists of several powerful LEDs and a unique optical system for extreme long-range vision. The light is sharply focused to prevent glare at close range. The ultimate light beam for long-range vision.



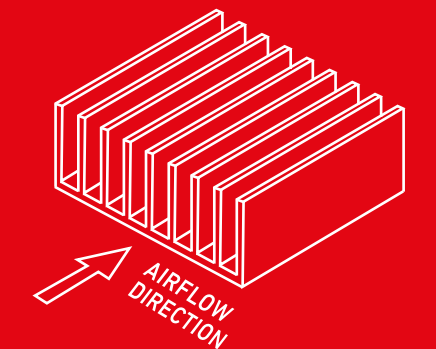
ADVANCED FOCUS SYSTEM (AFS)

Galileo swore by the power of lenses; Newton by the power of reflectors. We have simply combined the two Technologies – only better than anyone before. The result: our patented Advanced Focus System (AFS), which allows a seamless transition from homogeneous low beam to sharply focused high beam.



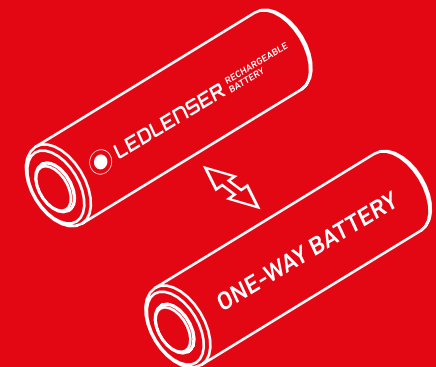
COOLING TECHNOLOGY

Cooling Technology (CT) ensures your head stays cool even when your light is at maximum power. Our CT products reduce LED heat to the optimal level by means of the intelligent use of cooling elements. This technology is also used to cool computer chips and ensures highly efficient use of energy, increased illuminating power, and especially long-lasting LEDs.



DUAL POWER SOURCE

Our Dual Power Source allows you to use the full performance of your Ledlenser at any time – no matter what power source you have available. This technology recognizes the power source and you can therefore choose between the rechargeable Ledlenser battery or a disposable battery. Extremely practical for long trips without a power point.



EMERGENCY LIGHT

This feature turns your flashlight into an emergency light: If the power goes out while your Ledlenser is on the charging base, it will automatically turn on. So the light helps you find your way around, e.g. to the breaker panel.



FLOATING CHARGE SYSTEM

Grab-and-go wireless charging. The Floating Charge System is a wall-mounted magnetic charging system, getting the light ready to go with a simple flick of the wrist. It also offers USB charging with an adapter system that can be plugged into standard outlets or car lighters.





FLEX SEALING TECHNOLOGY

The innovative Flex Sealing Technology ensures that the electronic parts of the lamp head are completely sealed off, to protect against the penetration of water and dust. This flexible system maintains the seal, even when the Advanced Focus System is used. The focus can even be used underwater.



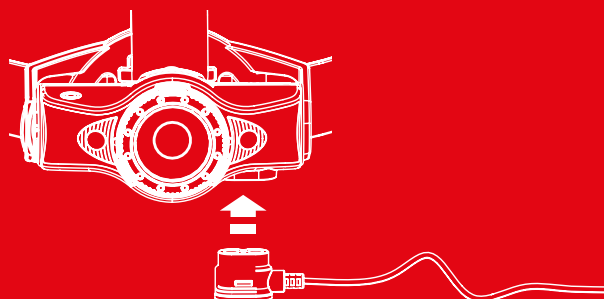
FUSION BEAM

By combining different LEDs and lenses, lights with Fusion Beam have a unique, application-optimized illumination. This simultaneously enables a homogenous close-up wide flood beam and sharply focused long-distance beam. The intensity of the flood and spot beams can be individually adjusted thanks to independent controls for each light source.



MAGNETIC CHARGE SYSTEM

With the Magnetic Charge System, the charging cable can quickly and easily be attached to the light. The connection for charging the battery is made via magnetic contacts. When the contacts approach each other, the charging cable automatically pairs with the light. The connection is automatically released under load.



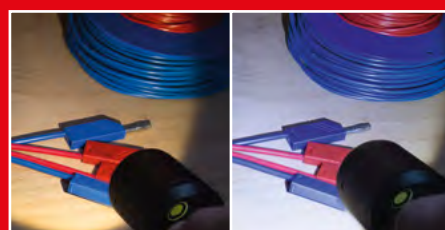
MULTI-CORE OPTICS

Multi-Core Optics harness and direct the light emitted from extremely powerful, next-generation LEDs. The special faceted lens tames and directs the light, resulting in a homogeneous beam and aesthetic illumination.



NATURAL LIGHT

In certain situations the perceived color of light differs. Ledlenser therefore not only supplies extremely bright, but also extremely natural (CRI) over 90. This ensures true color rendering, even in the deep red color range.



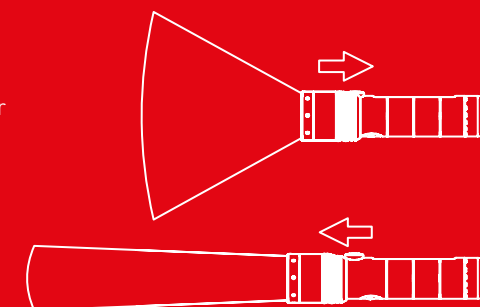
CRI 90, 4000 K

CRI 65, 6500 K



RAPID FOCUS

When focusing or defocusing the flashlight or headlamp, the reflector lens moves in relation to the LED. To ensure this process is as quick and ergonomic as possible we developed Rapid Focus: a single-hand mechanism that allows the light beam to be adjusted as fast as lightning.



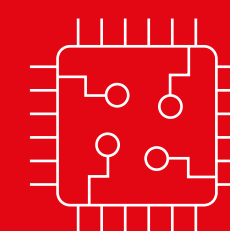
SAFETY YTRION CELL

Ledlenser's Safety Ytrion Cell is a special lithium iron phosphate battery with unique properties: The technology combines high energy density with superior durability and safety, even in rough use and adverse storage conditions.



SMART LIGHT TECHNOLOGY (SLT)

This innovation turns a Ledlenser into your personal lighting tool: A micro-controller allows individual ranges of functions to be programmed to different touch and switch combinations. That way, you always have the perfect light mode at hand.



Video
Smart Light Technology



TEMPERATURE CONTROL

Our lights stay cool, even when they work hard. Thanks to the intelligent and fully automated temperature control, a Ledlenser never gets too hot, no matter how much it is used. This protects you from burns and the LED from overheating.



X-LENS TECHNOLOGY

This technology is an enhancement of the Advanced Focus System. It can merge virtually any number of reflector lenses and synchronizes their individual light beams into a perfect beam, resulting in a high-grade, homogeneous floodlight in unfocused mode and our most sharply focused high beam to date.



IT TAKES EIGHT MINUTES FOR THE LIGHT OF THE SUN TO REACH THE EARTH – OURS ONLY TAKES THE PUSH OF A BUTTON

The sun and Ledlenser have something in common: We create light for the whole world! We are devoted to this task with all our energy and capability. The quality products made by Ledlenser prolong daylight and therefore, enable being active when dusk sets in or even during total darkness. They bring light into the darkest corners and in doing so, enable precise and professional work at any time.

WHAT DISTINGUISHES US

- › One of the global market leaders in portable lights. That includes: Flashlights, headlamps, work lights, floodlights, lanterns, EX-protected lights
- › „German Engineering & Design”: In-house development, production and quality assurance
- › Inventor of the trendsetting and patented³ Advanced Focus System
- › 7-year warranty⁴ for most products in connection with online registration
- › More than 100 industrial property rights as well as more than 200 awards and prizes for our products
- › More than 650 employees worldwide
- › Company-owned offices in Germany, China, USA, Yespan, Denmark, United Kingdom, Italy and Switzerland
- › Worldwide collaboration with more than 30 master distributors

OUR PRODUCTION PLANT IN CHINA

To ensure that our bright ideas see the light of day, we clearly divided up our tasks: “Engineered in Germany, produced in China”. Our production expertise is concentrated at our location in Yangjiang, Guangdong. Every product is manufactured and tested here; from prototype to mass production.

The checklist for quality control includes 24 tests: Endurance, extreme temperatures, water, salt, impact, pressure and more - inspected and tested until the products have overcome all obstacles and meet our quality standards. Furthermore, it is important to us to take responsibility for our employees in China. We do this for example by building company housing and through our involvement in social and intercultural projects.



MORE THAN 20 YEARS OF EXPERTISE IN LIGHTING SOLUTIONS

When the two brothers Harald and Rainer Opolka from Solingen started out, they really didn't have much more than a garage, an old Atari computer, a set of tools, a drawing pad and around 1000 Deutschmarks of seed capital. Today, the former garage company of both the Ledlenser founders is an internationally operating company and one of the global market leaders in portable lights. The German Ledlenser brand conquered the flashlight market in the year 2000. The approach of equipping a flashlight with an LED instead of a bulb as a light source was absolutely visionary at that point in time. Millions of the “V8 Photon Pump” were sold worldwide and it constituted a new era of portable light – the “P7” achieved the same thing several years later.

To meet our objective as an LED pioneer, we are still using this technological advantage today in the development of new products – particularly in times during which LED lighting has become the norm in so many places and genuine quality is becoming harder and harder to recognize. At the same time, our premise “German Engineering & Design” has guided us from day one and justifies our unique commitment to quality. Ledlenser products give users worldwide the freedom of doing their jobs to the best of their ability or pursuing their passion with devotion – with the best possible light on their side.

— LEDLENSER GUARANTEED QUALITY

7
YEAR
WARRANTY⁴



GERMAN ENGINEERING & DESIGN



QUALITY

“German Engineering & Design” – this statement stands for the highest development and production standards in regard to technology, design, materials and workmanship. We hold more than 100 industrial property rights. These include patents, utility models and designs. We are proud of having received various design awards for our products.

WARRANTY

Since we are confident in the quality of our lights, we grant a seven-year warranty on nearly all products in connection with online registration. All original Ledlenser products covered by our warranty include a product registration card. To register, simply scan the QR code with a smartphone or enter the indicated URL on your laptop or PC.

ISO CERTIFICATION

We meet the requirements of the ISO 9001, ISO 14001 and ISO 50001 standards and are certified by TÜV Rheinland.

Quality management: DIN EN ISO 9001:2015

Our systematic quality management ensures a consistently high quality of our products and services. Clearly defined and comprehensible processes enable us to meet our customers' expectations consistently and professionally. We also meet the standard requirements at our Chinese location.

Environmental management: DIN EN ISO 14001:2015

Our company has defined an internal environmental policy and precise environmental objectives. Here, the focus is on the establishment and realization of an environmental management system, to ensure continuous improvements – e.g. in regard to CO₂ emissions, the use of resources and other environmental factors.

Energy management: DIN EN ISO 50001:2018

We operate energy management geared towards sustainability. This includes measures to reduce the consumption of energy such as electricity, gas and fuel as well as specific risk prevention.

¹⁻⁸ Information on page 76



NOTES

The information pertaining to package contents, 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 package contents, 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 misprints excepted.

1) Measurements according to ANSI FL1 on the respective setting. If no setting is explicitly indicated, the values refer to luminous flux (Lumen/lm) and beam distance (meters/m) on the highest setting and to the run time (hours/h) on the lowest setting. If the light is equipped with color LED(s), the measurements indicated apply to white light or white LED. A boost function (if applicable) can be used several times, but only for short periods of time. If the light has different energy modes, measurement is based on "energy saving mode."

2) Calculated capacity value in watt-hours (Wh) or milliampere hours (mAh). 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) Two year warranty from the date of purchase, or seven years with online registration through our website. The warranty applies worldwide; legal warranty rights also apply. It covers defects in material and manufacture. Battery packs are guaranteed to work correctly for 24 months. This warranty does not cover products in the "Solidline" series, the LiteWallet®, the Powercase, the Batterybox7, the Kidled-Series also the Ledlenser K-Serie (except K3), as well as defective batteries, holsters, pouches, remote switches, color filters, imprints and surface coatings. The warrantor is Ledlenser GmbH & Co. KG, Kronenstr. 5-7, 42699 Solingen, Germany. For more information visit ledlenser.com/warranty

5) The average charging time of the batteries in the delivery state in minutes may vary depending on the power supply unit used.

6) Additional talk time using the example of an iPhone X when charging with the fully charged batteries contained in the content of the article in question.

7) EP-Patent 3376097

8) The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of these by Ledlenser GmbH & Co. KG is under license

You can find our terms and conditions at www.lidlensers.com

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USt-IdNr.: DE815242425, Amtsgericht Wuppertal, HRA 23078
Personally liable partner:
Ledlenser Beteiligungs GmbH
Headquarters: Solingen, Deutschland
Amtsgericht Wuppertal, HRB 24774
Executive Director: Michael Reuter, Kai Milewski

LEDLENSER WE'RE LOOKING FORWARD TO HEARING FROM YOU

We are always looking for ways to improve our support for you and your customers. We greatly appreciate any feedback you have on how we can build the Ledlenser brand together.

CONTACT MARKETING

Get answers to marketing questions and approval of marketing materials at:

CONTACT SALES GERMANY
vertrieb@ledlenser.com

CONTACT TECHNICAL SUPPORT

For uncomplicated and fast processing, please contact our Consumer Care Team for all services, product, warranty and goodwill questions.

Customers from Germany can reach us by e-mail: [**support@ledlenser.com**](mailto:support@ledlenser.com)

Customers from Belgium, the Netherlands and Luxembourg can reach us by e-mail: [**service.bnl@ledlenser.com**](mailto:service.bnl@ledlenser.com)

Customers from Austria can reach us by e-mail: [**support@ledlenser.at**](mailto:support@ledlenser.at)

Customers from Switzerland can reach us by e-mail: [**office@ledlenser.ch**](mailto:office@ledlenser.ch)



