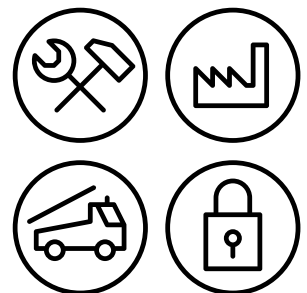




WORK
PRODUCT CATALOG



Ledlenser believes that a simple beam of light can empower the world. It allows us to explore worlds, to discover wonders, to feel warmth and inspiration. Light allows us to go further than we ever imagined possible.

We each have the power to radiate positivity, to cast inspiration, and to ignite and illuminate meaningful change. **The world is as bright as you make it.**



THE WORLD IS AS **BRIGHT** AS YOU MAKE IT



> DISCOVER MORE



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 ↓

CONTENT WORK

- 3 CONTENT
- 4-5 WORK MADE EASY
- 6-19 **NEW PRODUCTS**
- 8 **AREA LIGHTS**
- 10 AL10R Work **NEW**
- 15 AF2R Work **NEW**
- 15 AF4R Work **NEW**
- 15 AF8R Work **NEW**
- 17 AT10C Work **NEW**
- 17 AF12R Work **NEW**
- 17 AF12C Work **NEW**
- 18 **P-SERIES CORE**
- 19 P9R Core LEP **NEW**
- 20-29 **FLASHLIGHTS**
- 24 P2R Work
- 24 P4R Work
- 25 P5R Work
- 26 P6R Work
- 26 P7R Work
- 27 P18R Work
- 28 P7R Work UV
- 30-35 **XP-SERIES / X-SERIES**
- 32 XP30R
- 35 X21R
- 36-45 **HEADLAMPS**
- 41 HF4R Work
- 41 HF6R Work
- 41 HF8R Work
- 45 H5R Work
- 45 H7R Work
- 45 H15R Work

- 46-53 **WORKLIGHTS**
- 49 W1R Work
- 49 W2 Work
- 49 W2R Work
- 52 W4R Work
- 52 W5R Work
- 53 W6R Work
- 53 W7R Work
- 54-57 **WORKERS FRIEND**
- 57 WORKERS FRIEND
- 58-67 **EX-PROTECTED LIGHTS**
- 64 EXC6R
- 64 EXC7R
- 65 EXH6R
- 65 EXH8
- 67 EX4
- 67 EX7
- 67 EX7R
- 68-73 **PORTABLE ENERGY**
- 70 FLEX5
- 70 FLEX10
- 72 FLEX3
- 72 FLEX7
- 74-75 **ACCESSORIES**
- 78-81 **TECHNOLOGIES**
- 82-83 **WORK POS CONCEPT**
- 84-85 **ABOUT US**
- 86-87 **WARRANTY + ISO**
- 88-89 **NOTES + CONTACT**



RETURN TO THE CONTENTS FROM ANY PAGE

WORK MADE EASY

PORTABLE LIGHT FOR PROFESSIONALS

Industry and trade, civil engineering, infrastructure, disaster relief or emergency services: There are countless areas of work. The requirements for workstations and equipment are just as diverse.

Ledlenser offers the perfect portable light for any professional use case – precise, robust and durable.



GERMAN
ENGINEERING
& DESIGN

WORK MADE EASY

ROBUST AND PROFESSIONAL

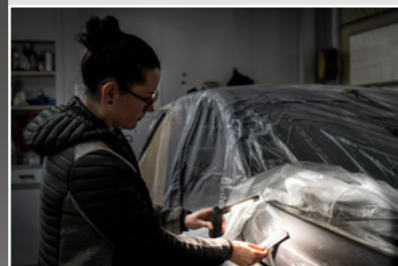
LIGHTING FOR EVERY AREA OF APPLICATION

WORK-LIGHTS

W-SERIES

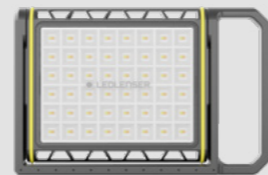


Illuminates the Details



AREA LIGHTS

AREA LIGHTS



Customizable Illumination for Worksites



HEADLAMPS

HF-SERIES



Truly Hands-free*



H-SERIES



Conquers Demanding Environments



FLASH-LIGHTS

P-SERIES



Highest Standards, Always at Hand



7
YEAR⁴
WARRANTY

¹⁾ Information on page 88

* Applies exclusively to the HF8R Work



— NEW PRODUCTS

AREA LIGHTS

Powerful Illumination for Worksites



 LEDLENSER



VERSATILY ENGINEERED TO PERFECTION



FROM FAR-RANGE

TO



CLOSE-RANGE LIGHT



FROM WARM WHITE

TO



COLD WHITE LIGHT



FROM PORTABILITY

TO



STATIONARY USE

UP TO 35 %⁹ HIGHER ILLUMINANCE

Electricians, plumbers, painters, constructions workers or DIY enthusiasts: The Ledlenser Area Lights are reliable partners at your work.

NEW FEATURES AND TECHNOLOGIES



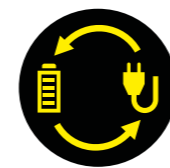
MULTI-CONCENTRATED LIGHT

The Multi-Concentrated Light technology directs the light to where you need it the most. The highlight: It makes your light 12 %¹¹ more energy efficient and the illuminance is 35 %⁹ higher than that of conventional floodlights.



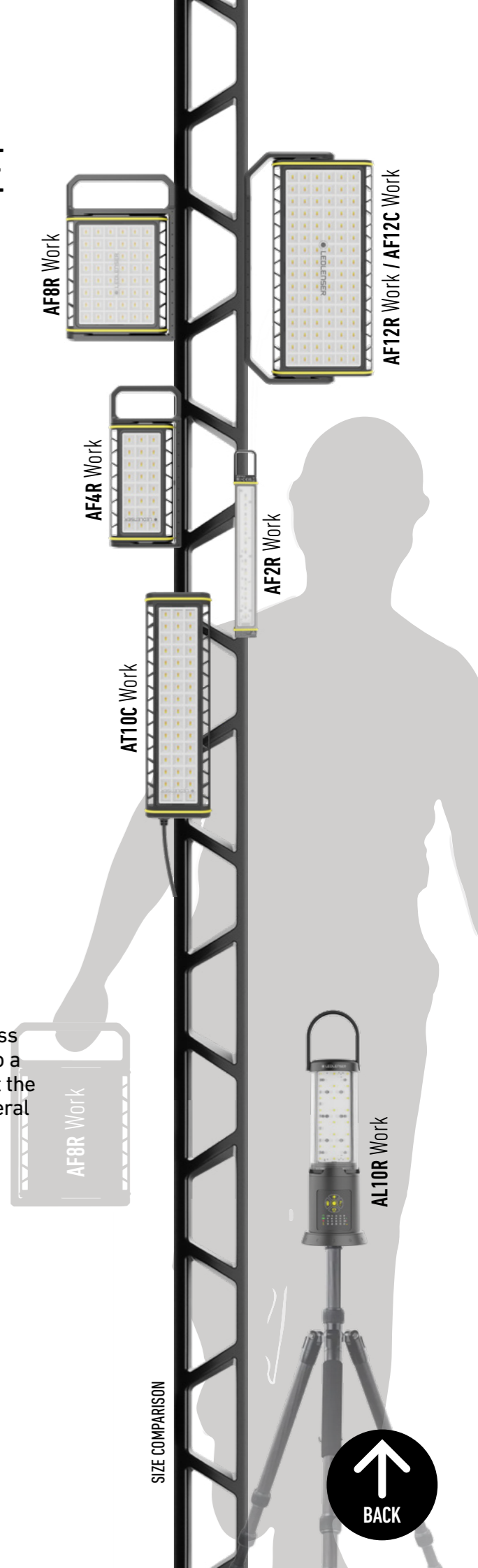
REDUCED PERIPHERAL GLARE

Our Reduced Peripheral Glare guarantees less glaring at work. The LEDs are embedded into a waffle structure and concentrate the light. At the same time, the reflector grid prevent peripheral glaring.

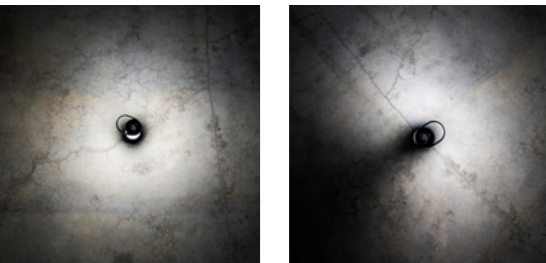


HYBRID POWER

Battery or mains operation – products with Hybrid Power are designed to be used with both energy sources. Battery operation makes your product a portable companion, whereas mains operation is ideal for stationary use.



¹⁻¹¹ Information on page 88



AL10R WORK

The lantern is equipped with three individually switchable light panels (360°, 240°, 120°) to help save energy and avoid light loss.

By switching one or two panels off, the AL10R Work can easily be adapted to any situation – for instance, when it is placed in a corner.



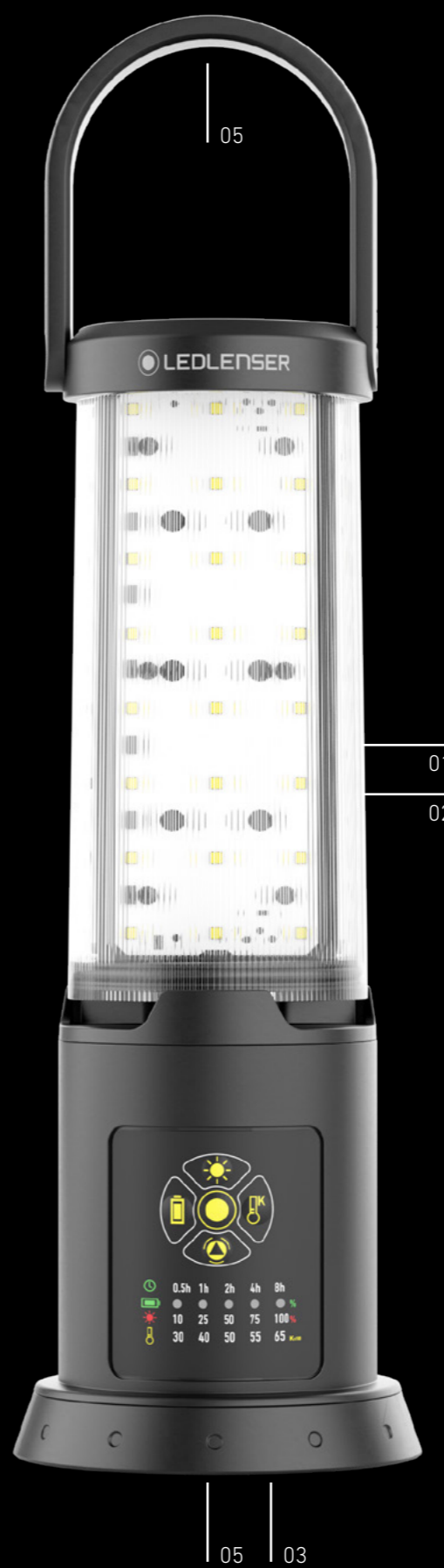
LED	
Light Functions	5 Brightness levels
Luminous Flux ¹ (lm)	6300 / 5100 / 3600 / 1800 / 750
Run Time ¹ (h)	1 / 1.25 / 2 / 4 / 9.5
Color Temperatur (K)	3000-6500 (5-stage adjustable)
Color Rendering Index (CRI)	≥ 80
BATTERY AND CASE	
Battery	Li-ion Battery (internal)
Battery Capacity ² (Wh / mAh)	7.2 / 4700
Rechargeable	Ja
Charging Time ⁵ (min)	390
IP Level	IP67
SIZE AND WEIGHT	
B / H / T (mm)	110 x 390 x 110
Weight incl. Battery (g / oz)	1397 / 49.3
TECHNOLOGIES	
Temperature Control	●
Cooling Technology	●
Hybrid Power	●
Tunable White	●
More Features	Charge Indicator, Battery Indicator, Transportation Lock, Dimmable, Memory Function, Chemical Resistant
PACKAGING	
Item no. Hard Case / GTIN	5029137 / 4058205033268
Contents Hard Case	Power Supply, Diffuser
OPTIONAL ACCESSORIES	
	503018 Controller
Accessories on page 74	503016 Extension cable 5 m

¹⁻¹¹ Information on page 88

NEW

EXTREMELY POWERFUL POWERFUL 360° LIGHT

CHOOSE BETWEEN
**120°, 240° AND 360°
ILLUMINATION**



- 01** – Powerful lantern with up to 6300 lm, 5 brightness levels and 5-step tunable white light
- 02** – 3 individually switchable light panels for efficient illumination depending on your application area
- 03** – Hybrid Power: Powerful rechargeable battery as well as mains operation
- 04** – High water and dust protection (IP67)
- 05** – Flexible mounting via silicone hook and thread for tripod mounting

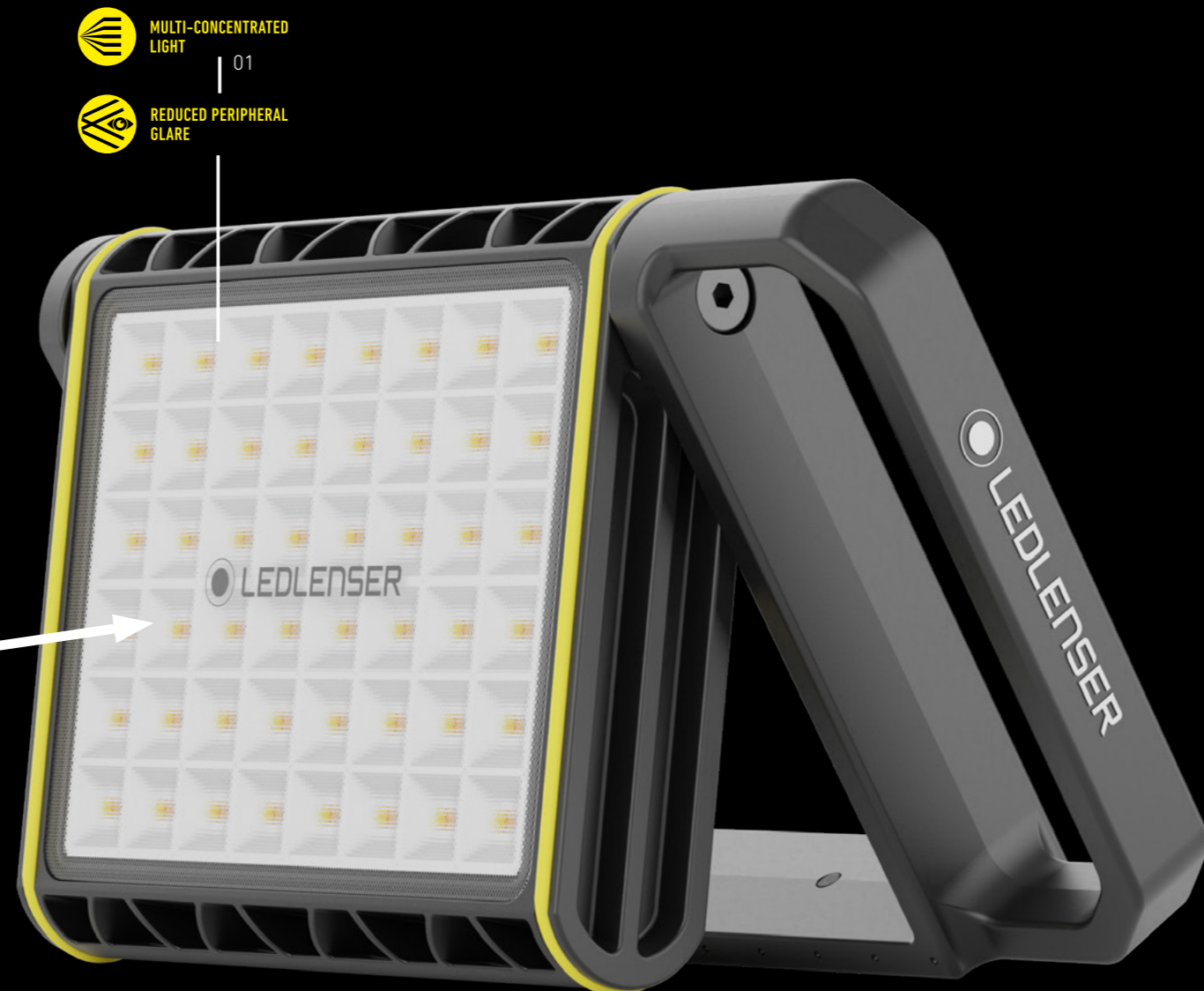
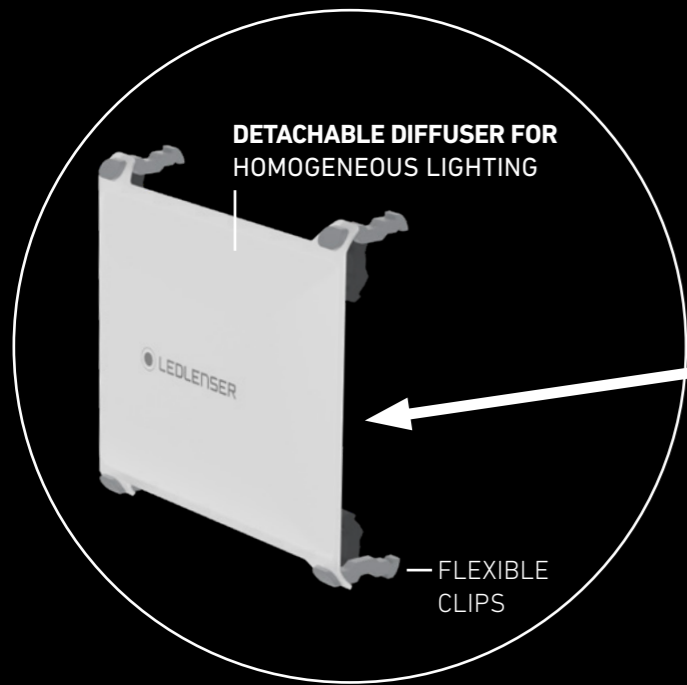
		10 %	25 %	50 %	75 %	100 %
3 Panels	1	750 lm	1800 lm	3600 lm	5100 lm	6300 lm
	1	9.5 h	4 h	2 h	1.25 h	1 h
2 Panels	1	500 lm	1200 lm	2400 lm	3400 lm	4200 lm
	1	14 h	4.5 h	3 h	2 h	1.5 h
1 Panel	1	250 lm	600 lm	1200 lm	1700 lm	2100 lm
	1	21 h	8 h	5.5 h	3.75 h	2.75 h



AF8R WORK

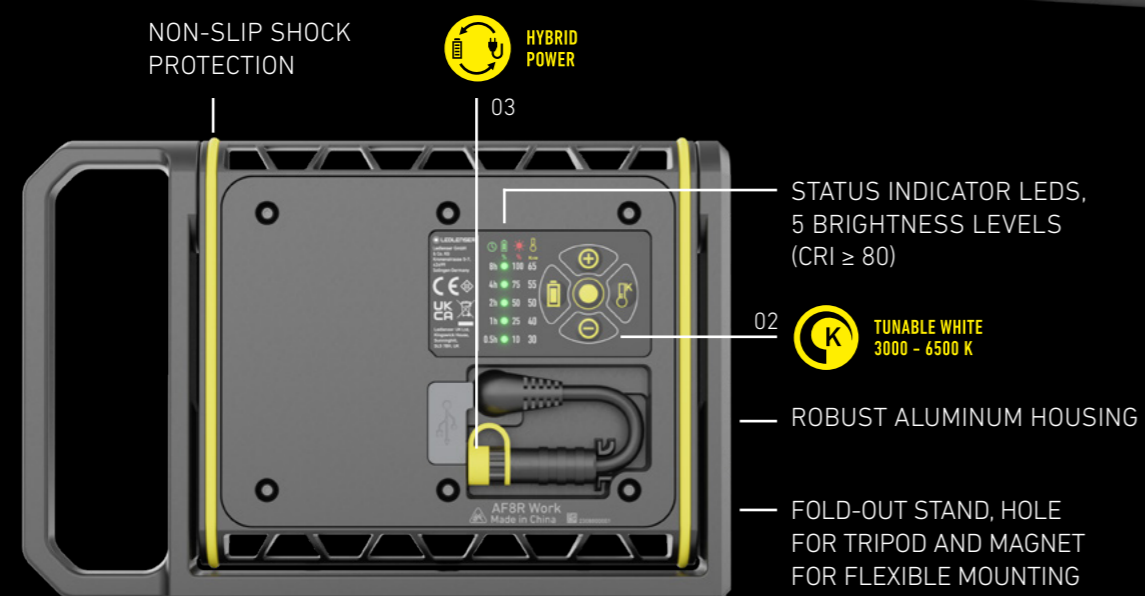
The Ledlenser AF8R Work is our mid-size Area Light. It comes with Hybrid Power and Multi-Concentrated Light and makes for reliable and powerful illumination – ideal for any construction site.

POWERFUL AND VERSATILE HYBRID POWER MEETS TUNABLE LIGHT



35%⁹
HIGHER
ILLUMINANCE

☀️ 4000 lm¹
🕒 14 h¹



- 01 - The Multi-Concentrated Light technology** directs the light to where you need it the most. The highlight: It makes your light up to 12 %¹¹ more energy efficient and the illuminance is up to 35 %⁹ higher than that of conventional floodlights.
- 02 Tunable White** 3000 - 6500 K with 5 brightness levels and 5-step tunable white light
- 03 - Hybrid Power:** Powerful rechargeable battery as well as mains operation
- 04 - High water and dust protection (IP67)**, robust aluminum housing and flexible mounting
- 05 - Bluetooth^{®8}-ready**, separately available Controller for Area Lights



AREA LIGHTS NEW

COMPACT, BRIGHT AND VERSATILE



LED

Light Functions
Luminous Flux ¹ (lm)
Run Time ¹ (h)
Color Temperatur (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)

TECHNOLOGIES

Multi-Concentrated Light
Reduced Peripheral Glare
Hybrid Power
Tunable White
More Features

PACKAGING

Item no. Hard Case / GTIN (international)
Item no. Hard Case / GTIN (Schweiz)

Content Hard Case

OPTIONAL ACCESSORIES

Accessories on page 74

AF2R Work

5 Brightness Levels, (Red Light with 2 Brightness Levels and Flash Light Mode)
1000 / 700 / 500 / 200 / 50
1.75 / 2 / 4.5 / 9 / 35
6500
≥ 80

Li-ion Battery (internal)
17.8 / 4800
Yes
390
IP54

248 / 38 / 46
332 / 11.7

	●
	●
	●
	●

Temperature Control, Red Light, Charge Indicator, Battery Indicator, Transportation Lock, Dimmable, Magnet

502921 / 4058205033381
-

USB Cable, Pouch, Velcro Tape

503018 Controller
503016 Extension Cable 5 m

AF4R Work

5 Brightness Levels
2000 / 1500 / 1000 / 500 / 200
2 / 3 / 4 / 9 / 20
3000-6500 (5-stage adjustable)
≥ 80

Li-ion Battery (internal)
33.8 / 4700
Yes
360
IP67

266 / 119 / 44
1370 / 48.3

	●
	●
	●
	●

Temperature Control, Cooling Technology, Charge Indicator, Battery Indicator, Transportation Lock, Dimmable, Memory Function, Magnet, Runtime Indicator

502910 / 4058205033053
503077 / 4058205036290

USB-C Charging Cable, Power Supply with Cable (50W), Diffuser

503018 Controller
503016 Extension Cable 5 m

AF8R Work

5 Brightness Levels
4000 / 3200 / 2300 / 1600 / 500
1.5 / 2.25 / 3.25 / 5 / 14
3000-6500 (5-stage adjustable)
≥ 80

Li-ion Battery (internal)
50.8 / 4700
Yes
360
IP67

275 / 179 / 41
1870 / 65.9

	●
	●
	●
	●

Temperature Control, Cooling Technology, Charge Indicator, Battery Indicator, Transportation Lock, Dimmable, Memory Function, Magnet, Runtime Indicator

502911 / 4058205033084
503078 / 4058205036313

USB-C Charging Cable, Power Supply with Cable (50W), Diffuser

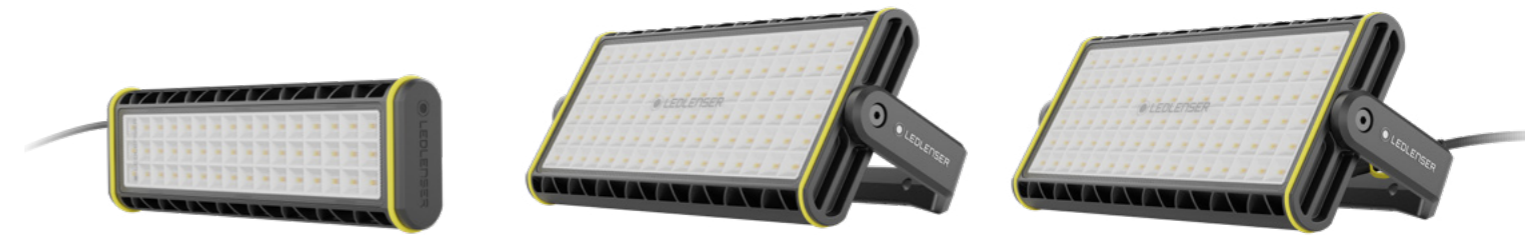
503018 Controller
503016 Extension Cable 5 m



AREA LIGHTS **NEW**



EXTREMELY BRIGHT FLOODLIGHTS



LED

Light Functions
Luminous Flux ¹ (lm)
Run Time ¹ (h)
Color Temperatur (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)

TECHNOLOGIES

- Multi-Concentrated Light
- Reduced Peripheral Glare
- Hybrid Power
- Tunable White

More Features

PACKAGING

Item no. Hard Case / GTIN (international)
Item no. Hard Case / GTIN (Schweiz)

Content Hard Case

OPTIONAL ACCESSORIES

[Accessories on page 74](#)

AT10C Work

5 Brightness Levels
5000 / 4000 / 2750 / 1600 / 500
-
3000-6500 (5-stage adjustable)
≥ 80

Mains operation only
-
No
-
IP67

373 / 106 / 41
1365 / 48.1

-
-
-
-

Temperature Control, Cooling Technology, Dimmable, Memory Function

502916 / 4058205033237
503081 / 4058205036375

Power Supply with Cable (50W), Diffuser, Velcro Tape

503018 Controller
503016 Extension Cable 5 m

AF12R Work

5 Brightness Levels
8000 / 6500 / 4500 / 2400 / 850
1 / 1.5 / 2 / 4.5 / 12.5
3000-6500 (5-stage adjustable)
≥ 80

Li-ion Battery (internal)
7.2 / 4700
Yes
360
IP67

382 x 214 x 41
2590 / 91.4

-
-
-
-

Temperature Control, Cooling Technology, Charge Indicator, Battery Indicator, Transportation Lock, Dimmable, Memory Function, Runtime Indicator

502913 / 4058205033145
503079 / 4058205036337

USB-C Charging Cable, Power Supply with Cable (100W), Diffuser

503018 Controller
503016 Extension Cable 5 m



AF12C Work

5 Brightness Levels
8000 / 6500 / 4500 / 2400 / 850
-
3000-6500 (5-stage adjustable)
≥ 80

Mains operation only
-
No
-
IP67

382 x 214 x 41
2265 / 79.9

-
-
-
-

Temperature Control, Cooling Technology, Dimmable, Memory Function

502914 / 4058205033176
503080 / 4058205036351

Power Supply with Cable (50W), Diffuser, Velcro Tape

503018 Controller
503016 Extension Cable 5 m



P9R CORE LEP



MAXIMUM BEAM RANGE: LED BECOMES LEP

True laser power in your hands! There is no need to decide between a highly focused white light with an extreme beam range or a homogeneous illumination at close range. Our new P9R Core LEP offers both and is ideal for search and rescue teams, security personnel as well as other applications with extreme light requirements.

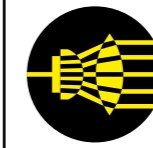
☀️ 1000 lm¹
🔦 1300 m¹



BEAM RANGE OF UP TO 1300 METERS IN BOOST MODE



- 01 - Laser Excited Phosphor Technology** creates a highly focused white light with an extreme beam range
- 02 - White and red light** for homogeneous illumination at close range
- 03 - Intuitive mode switch** for direct access to light functions
- 04 - Hard-anodized housing** material for added protection against wear and corrosion, high dust and water protection (IP68)
- 05 - Convenient charging** of the battery via **Magnetic Charge System**



LASER EXCITED PHOSPHOR TECHNOLOGY

Laser as a light source: Instead of using an LED, blue laser light is directed at a phosphor-coated plate and transformed into white light which then travels through two lenses, resulting in a white light that is highly focused and has an extreme range.

P9R CORE LEP

LEP / LED	
🔦 LEP-/LED-Configuration	1x Laserdiode (LEP), 1x COB LED (Red+White)
🔊 Light Functions	Boost / Power / Mid Power / Low Power
☀️ Luminous Flux ¹ (lm)	LEP: 400 / 250 / - / 75 COB: 1000 / 550 / 300 / 150
🔦 Beam Distance ¹ (m)	LEP: 1300 / 1000 / - / 550 COB: 40 / 30 / 20 / 15
🕒 Run Time ¹ (h)	LEP: - / 4 / - / 10 COB: - / 4 / 8 / 20
🌡️ Color Temperatur (K)	LEP: 6000 - 8000 COB: 5700-6700
📺 Color Rendering Index (CRI)	LEP: 65 COB: 80
BATTERY AND CASE	
🔋 Battery	1x 21700 Li-ion Akku 3.7V
🔋 Battery Capacity ² (Wh / mAh)	17.76 / 4800
☁️ IP Level	IP68
🔌 Rechargeable	Ja
🕒 Charging Time ⁵ (min)	270
⬇️ Fallhöhe (m)	2
SIZE AND WEIGHT	
📏 Length - defocused (mm)	176
📏 Head diameter (mm)	41
📏 Weight incl. Battery (g / oz)	269 / 9.49
TECHNOLOGIES	
🔴 Laser Excited Phosphor Techn.	●
🔴 Magnetic Charge System	●
More Features	Temperature Control System, Magnetic Charge System, Dimmable, Red Light, Transportation Lock, Flicker Free, Backup Mode, Mode Switch
PACKAGING	
Item No. Box / GTIN	502987 / 4058205034647
Content Box	1 Battery Pack, Wrist Strap, Pouch, Magnetic Charging Cable
OPTIONALES ZUBEHÖR	
More Accessories on page 74	502271 USB Adapter 2.4A

¹⁻¹¹ Information on page 88



— WORK

FLASHLIGHTS

Highest Standards, Always at Hand



 LEDLENSER

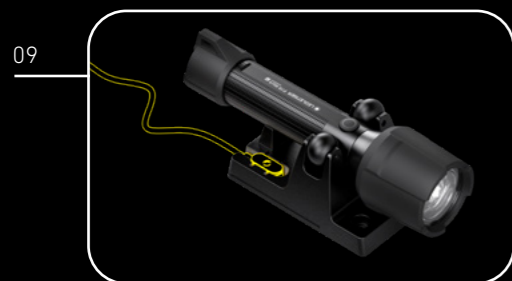
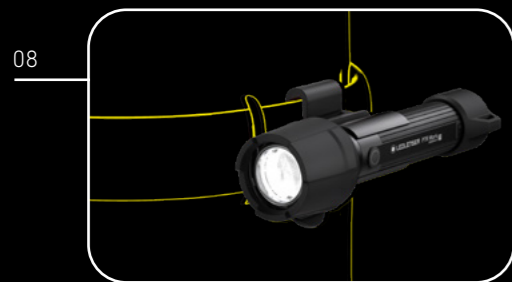


P7R WORK

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

¹⁻¹¹ Information on page 88



HANDY AND ROBUST LIGHTS



P2R WORK



P4R WORK



P5R 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
More Accessories on page 74	502271 USB Adapter 2.4A	502271 USB Adapter 2.4A

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
1x 14500 Li-ion Battery Pack 3.7V
2.77 / 750
IP68
Yes
120
3
132
38
124 / 4.4
●
●
●
●
●
Chemical Resistant, Dimmable, Transportation Lock, Flicker-free, Memory Mode, Backup Mode, Emergency Light, Battery Indicator, Charge Indicator, Low Battery Warning
502185 / 4058205020633
1 Battery Set, Intelligent Clip, Charging Station, Belt Pouch, Lanyard, Power Adapter, Magnetic Charging Cable
502254 Helmet Mount for Euroslot
502259 Charging Station

P-SERIES WORK



¹⁻¹¹ Information on page 88

HIGH-PERFORMANCE POWER PACKS



P6R WORK



P7R WORK



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		
More Accessories on page 74	502250 Lamp Adapter Type C	502251 Lamp Adapter Type D



P18R WORK



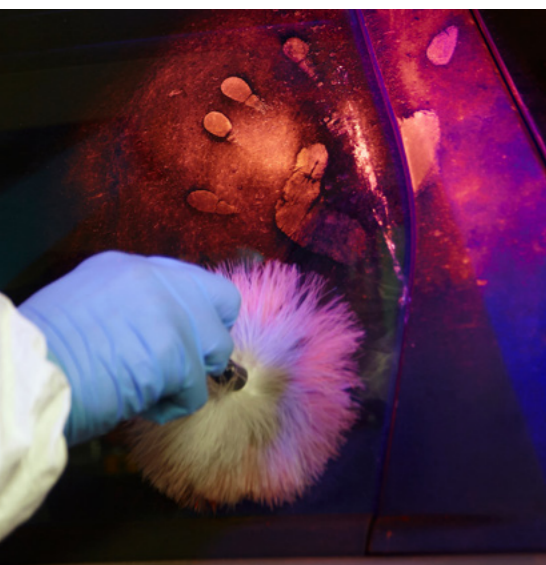
LED Configuration	3x Xtreme LED
Light Functions	Boost / Power / Mid Power / Low Power (+ Position, Blink, S.O.S., Strobe)
Luminous Flux ¹ (lm)	4500 / 2600 / 1000 / 30
Beam Distance ¹ (m)	720 / 420 / 260 / 50
Run Time ¹ (h)	- / 2.5 / 4.5 / 70
Color Temperature (K)	4700 - 5500
Color Rendering Index (CRI)	70
BATTERY AND CASE	
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
TECHNOLOGY	
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
PACKAGING	
Item no. Box / GTIN	502188 / 4058205020725
Contents Box	1 Battery Set, Lanyard, USB Power Adapter, Magnetic Charging Cable
OPTIONAL ACCESSORIES	
More Accessories on page 74	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 365 nm)
 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

Optionales Accessories on page 74

¹⁻¹¹ Information on page 88

ULTRAVIOLET LIGHT CHOICE

In addition to the powerful light output and particularly natural color rendering, the P7R Work UV has a 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

XP-SERIES/ X-SERIES

Light for Extreme Needs


















 LEDLENSER



XP30R



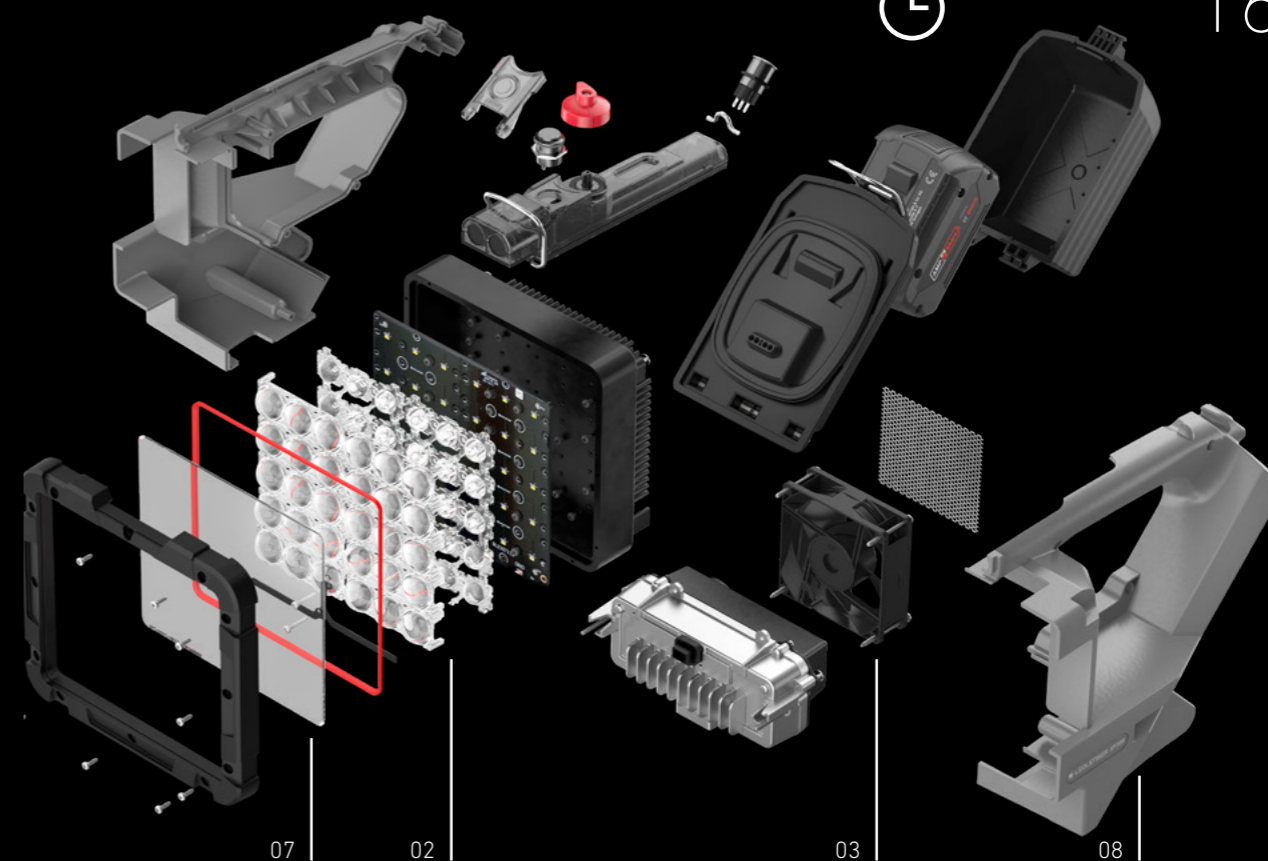
LED	
 LED Configuration	30 x High Performance Automotive LEDs
 Light Functions	Boost, 5 Brightness Level (+ Strobe)
 Luminous Flux ¹ (lm)	32,000 / 24,000 / 15,500 / 8500 / 4000 / 500
 Beam Distance ¹ (m)	>2000 / 1900 / 1500 / 1100 / 800 / 300
 Run Time ¹ (h)	- / 0.5 / 0.75 / 1.25 / 2.5 / 16
BATTERY AND 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 88

ULTIMATE LIGHT PERFORMANCE MADE IN GERMANY



 32,000 lm¹
 2000 m¹
 16 h¹



04



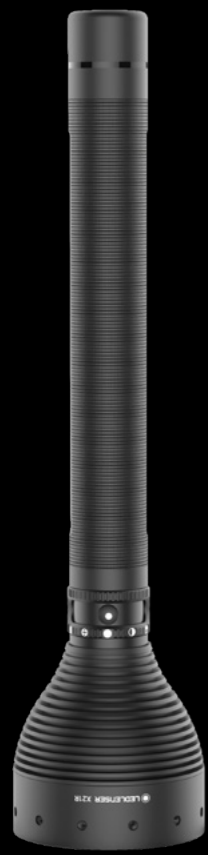
- 01** – High-end portable searchlight with up to 32,000 lumens¹
- 02** – Extreme Search Beam - 30 powerful automotive LEDs combined with unique optics for extreme long-range vision without glare at close range
- 03** – Active Cooling Technology - powerful fan for maximum light output over a long period 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

¹⁻¹¹ Information on page 88



— WORK HEADLAMPS



 LEDLENSER



HF8R WORK

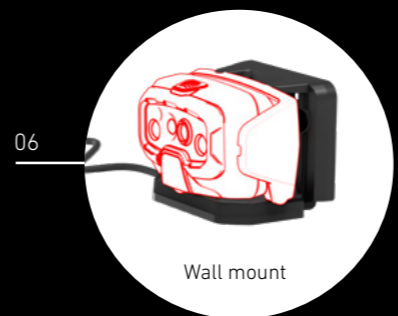
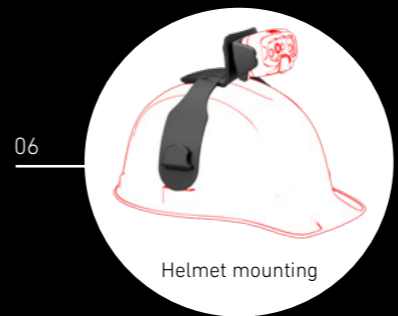
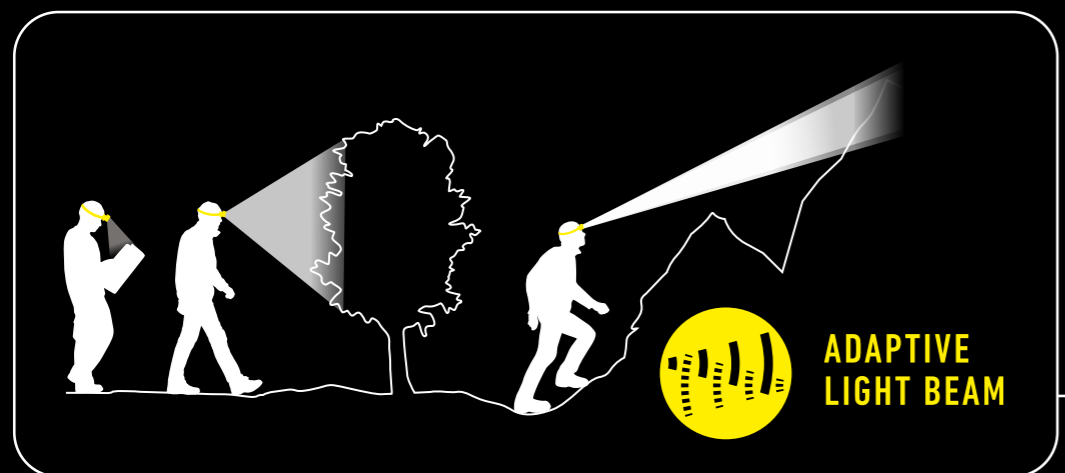
REVOLUTIONARY TECHNOLOGIES FOR MAXIMUM FLEXIBILITY:

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.

TRULY HANDS-FREE DIMS AND FOCUSES AUTOMATICALLY



 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



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





HF4R WORK


HF6R WORK


HF8R WORK


LED


 LED Configuration


 Light Functions

 Luminous Flux¹ (lm)


 Beam Distance¹ (m)


 Run Time¹ (h)

 Color Temperature (K)


 Color Rendering Index (CRI)


BATTERY AND CASE


 Battery

 Battery Capacity² (Wh / mAh)


 IP Level

 Rechargeable

 Charging Time⁵ (min)


 Drop Height (m)


SIZE AND WEIGHT


 Weight incl. Battery (g / oz)


TECHNOLOGIES

 Adaptive Light Beam

 Digital Advanced Focus System

 Magnetic Charge System

 Temperature Control System

 Cooling Technology

More Features

PACKAGING

Item no. Box / GTIN

Contents Box

[Optionales Accessories on page 74](#)

2x High Power LED, 1x Red LED

Boost / Power / Mid Power / Low Power (+ Red Light)

500 / 300 / 80 / 20

130 / 100 / 60 / 15

- / 2.5 / 8 / 35

4600 – 5400

80 (Flood Beam)

1x Li-ion Battery Pack 3.7V

3.7 / 1000

IP68

Yes

180

2

79 / 2.79

•

•

•

•

•

Fusion Beam, Red Light, Transport Lock, Memory Function, Backup Mode, Battery Indicator, Charge Indicator, Low Battery Warning

502793 / 4058205031769

Connect Adapter, Magnetic Charging Cable (USB-C), Helmet Connecting Kit

2x Xtreme LED, 1x High Power LED, 1x Red LED

Boost / Power / Mid Power / Low Power (+ Red Light)

800 / 500 / 200 / 20

160 / 140 / 80 / 25

- / 3 / 8 / 60

4600 – 5400

80 (Flood & Mid Beam)

1x Li-ion Battery Pack 3.7V

7.4 / 2000

IP68

Yes

225

2

134 / 4.73

•

•

•

•

•

Red Light, Memory Function, Transport Lock, Backup Mode, Aluminum Housing, Battery Indicator, Charge Indicator, Low Battery Warning

502798 / 4058205031882

Comfort Pad, Connect Adapter, Magnetic Charging Cable (USB-C), Helmet Connecting Kit, Wall Mount

3x Xtreme LED, 1x High Power LED, 1x Red LED

Boost / Power / Mid Power / Low Power (+ Red Light) (+S.O.S., Alpine distress signal via App)

1600 / 900 / 300 / 20

210 / 200 / 100 / 25

- / 3.5 / 10 / 90

4600 – 5400

80 (Flood & Mid Beam)

1x Li-ion Battery Pack 3.7V

13.7 / 3700

IP68

Yes

270

2

198 / 6.98

•

•

•

•

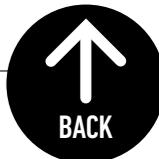
•

Bluetooth®, Red Light, Transport Lock, Memory Function, Backup Mode, Aluminum Housing, Emergency Light, Battery Indicator, Charge Indicator, Low Battery Warning

502802 / 4058205031967

Comfort Pad, Connect Adapter, extended Helmet Connecting Kit, Magnetic Charging Cable (USB-C), Wall Mount, removable Overhead Strap

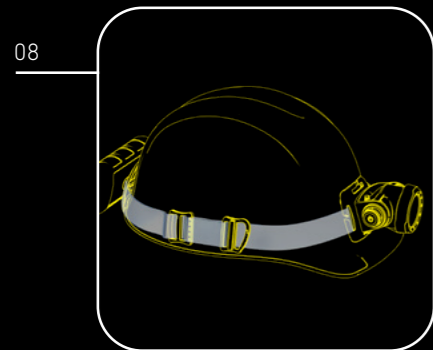
¹⁻¹¹ Information on page 88



H7R WORK



THE H-SERIES VERSATILE LIGHTING COMPANION



1000 lm¹ —
 250 m¹ —
 60 h¹ —

- 01** – Extremely powerful, focusable work headlamp: **high color rendering index, neutral white light**
- 02** – **Protective elements on the lamp head** and the battery absorb all kinds of impacts
- 03** – **High dust and water protection (IP67)**
- 04** – **Flicker-free** – flicker-free, constant light enables strobe-free illumination, for fast-moving parts and machines
- 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 scope of delivery for versatile use**, e. g. mounting clips, focusing ring, belt clip, transparent silicone headband, extension cord
- 09** – Convenient and safe charging of the battery via **Magnetic Charge System**



H-SERIES 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

	Head diameter (mm)
	Weight incl. Battery (g / oz)

TECHNOLOGY

	Multi-Core Optics
	Flex Sealing Technology
	Magnetic Charge System
	Natural Light
	Advanced Focus System
	More Features

PACKAGING

Item no. Box / GTIN
Contents Box

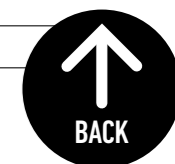
OPTIONAL ACCESSORIES

Further accessories on page 64



H5R WORK	H7R WORK	H15R WORK
1x High Power LED	1x Xtreme LED	1x Xtreme LED
Boost / Power / Low Power	Boost / Power / Low Power	Boost / Power / Low Power
500 / 300 / 15	1000 / 600 / 15	2500 / 1000 / 20
200 / 150 / 30	250 / 200 / 25	250 / 170 / 20
- / 2 / 45	- / 4 / 60	- / 4 / 70
3700 – 4400	3700 – 4400	3700 – 4400
80	90	90
1x Li-ion Battery Pack 3.7V	1x 21700 Li-ion Battery 3.7V	1x Li-ion Battery Pack 7.4V
6.66 / 1800	17.76 / 4800	35.52 / 4800
IP67	IP67	IP67
Yes	Yes	Yes
210	210	330
3	3	3
38	46	51
188 / 6.6	282 / 9.9	413 / 14.6
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
Cooling Technology, Temperature Control, Dimmable, Transportation Lock, Flicker-free, Memory Mode, Backup Mode, Battery Indicator, Charge Indicator, Low Battery Warning, Constant Light	Cooling Technology, Temperature Control, Dimmable, Transportation Lock, Flicker-free, Memory Mode, Backup Mode, Battery Indicator, Charge Indicator, Low Battery Warning, Constant Light	Cooling Technology, Dimmable, Transportation Lock, Flicker-free, Memory Mode, Backup Mode, Battery Indicator, Charge Indicator, Low Battery Warning, Constant Light
502194 / 4058205020992	502195 / 4058205021029	502196 / 4058205021050
1 Battery Set, Magnetic Charging Cable, Mounting Clips, Focusing Ring, Transparent Silicone Tape	1 Battery Set, Magnetic Charging Cable, Mounting Clips, Focusing Ring, Transparent Silicone Tape, Extension Cable, Belt Clip	1 Battery Set, Magnetic Charging Cable, Mounting Clips, Focusing Ring, Transparent Silicone Tape, Extension Cable, Belt Clip
502314 Helmet Connecting Kit Type H	502262 21700 Li-Ion Rech. Bat.	502256 Universal Mounting Bracket
502247 Adapter for Tripod Type D	502410 Bluetooth® Batterybox	502411 Bluetooth® Batterybox
502307 Color Filter Set 32mm	502308 Color Filter Set 40mm	502309 Color Filter Set 47mm

¹⁻¹¹ Information on page 88



— WORK

WORKLIGHTS

Illuminating the Details



 LEDLENSER



W-SERIES



W1R WORK

WORK MADE EASY PREMIUM WORKLIGHTS



W1R WORK

W2 WORK

W2R 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

	W1R WORK	W2 WORK	W2R WORK
LED	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	Power / Low Power
Luminous Flux Flood ¹ (lm)	220 / 60	160 / 40	220 / 60
Run Time Flood ¹ (h)	1.5 / 7	5 / 20	1.5 / 7
Luminous Flux Spot ¹ (lm)	-	80	100
Run Time Spot ¹ (h)	-	10	3.5
Color Temperature (K)	6000 - 7500	6000 - 7500	6000 - 7500
Color Rendering Index (CRI)	70	70	70
Battery	Li-ion Battery 3.7V (internal)	2x AAA Alkaline 1.5V	Li-ion Battery 3.7V (internal)
Battery Capacity ² (Wh / mAh)	2.74 / 740	-	2.33 / 630
Rechargeable	Yes	Nein	Yes
Charging Time ⁵ (min)	120	-	150
IP Level	IP54	IP54	IP54
B / H / T (mm)	38 / 76 / 32	17 / 176 / 24	17 / 176 / 24
Weight incl. Battery (g / oz)	61 / 2.2	65 / 2.3	61 / 2.2
FEATURES	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Compact pen and test light • Flexible operation with two AAA batteries • Spot LED for precise illumination of details • Flood LED for wide-area illumination 	<ul style="list-style-type: none"> • Compact pen and test light • Easily rechargeable via USB-C • Spot LED for precise illumination of details • Flood LED for wide-area illumination
PACKAGING	502810 / 4058205032094	502808 / 4058205032032	502809 / 4058205032063
Contents Box	USB-C charging cable	1 Battery Pack	1 Battery Pack, USB-C charging cable
OPTIONAL ACCESSORIES	502929 USB-C Adapter 20W	500981 4x AAA Alkaline Ionic	502929 USB-C Adapter 20W

¹⁻¹¹ Information on page 88



W7R WORK

CLEVER, POWERFUL, VERSATILE
THE ULTIMATE WORKLIGHT
FOR PROFESSIONALS



 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



WORK MADE EASY

PREMIUM WORKLIGHTS



W4R Work

W5R Work

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		
	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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



W6R Work

W7R Work

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		
	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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
WORKERS FRIEND



 LEDLENSER



WORKERS FRIEND



☀️ 280 lm¹
➡️ 130 m¹



BIT 1

BASE The basic handle comes with a quick-release connection system and a magnetic base, allowing the Worker's Friend to be flexibly attached to metal surfaces.



BIT 1 Focusable torch attachment (flash) with to sliding focus and optical lens.



BIT 2

BIT 2 The mounting lamp (mount) can be rotated 180 degrees and has an 11.5 cm long lighting unit for illuminating large areas.



BIT 3

BIT 3 The focusable gooseneck lamp (goose-neck) is 32 cm long and has a diameter of 7 mm. It is extremely flexible and illuminates virtually inaccessible corners.



BIT 4

BIT 4 The flexible inspection lamp (inspect) with a diameter of only 4.3 mm is even thinner than the gooseneck lamp and ideal for the smallest openings.

Micro-USB charging port



Quick-release connection system



Magnetic Mount



INNOVATIVE 4-IN-1 LAMP

The Workers Friend is more than a lamp. It is four different lamps in one and thus ideal for any requirement.

Nooks and crannies, working compartments, pipes, engines - no matter where you need light, the Workers Friend is always the right choice. Especially mechanics, handymen or DIY enthusiasts will find great joy in the Workers Friend.

LED	BIT 1 FLASH
☀️ LED Configuration	1x XPG2
⚡ Light Functions	Power / Low Power
☀️ Luminous Flux ¹ (lm)	280 / 140
➡️ Beam Distance ¹ (m)	130 / 90
🕒 Run Time ¹ (h)	2.5 / 5
🌡️ Color Temperature (K)	5500 - 7500
📺 Color Rendering Index (CRI)	70
BATTERY AND CASE	COMPLETE
🔋 Battery	1x 18650, Li-ion
🔋 Battery Capacity ² (Wh / mAh)	9.25 / 6.3
🔁 Rechargeable	Ja
🕒 Charging Time ⁵ (min)	300
⬇️ Drop Height (m)	1
WEIGHT AND SIZE	BIT 1 FLASH
📏 Length – defocused (mm)	170
📏 Head diameter (mm)	35
📏 Weight incl. Battery (g / oz)	180 / 7.7
PACKAGING	COMPLETE
Item no. Box / GTIN	502136 / 4058205019637
Contents Box	1 Battery Pack, USB-A to Micro-USB Charging Cable, 4 Light Attachments

BIT 2 MOUNT
| POWER | LOW

BIT 3 GOOSENECK
| POWER | LOW

BIT 4 INSPECT
| POWER | LOW

☀️	350 lm ¹ 175 lm ¹	190 lm ¹ 100 lm ¹	3 lm ¹ 1.5 lm ¹
➡️	26 m ¹ 20 m ¹	89 m ¹ 28 m ¹	4 m ¹ 2.5 m ¹
🕒	2.5 h ¹ 5 h ¹	5.5 h ¹ 8.5 h ¹	40 h ¹ 80 h ¹

¹⁻¹¹ Information on page 88



WORK 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.

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).

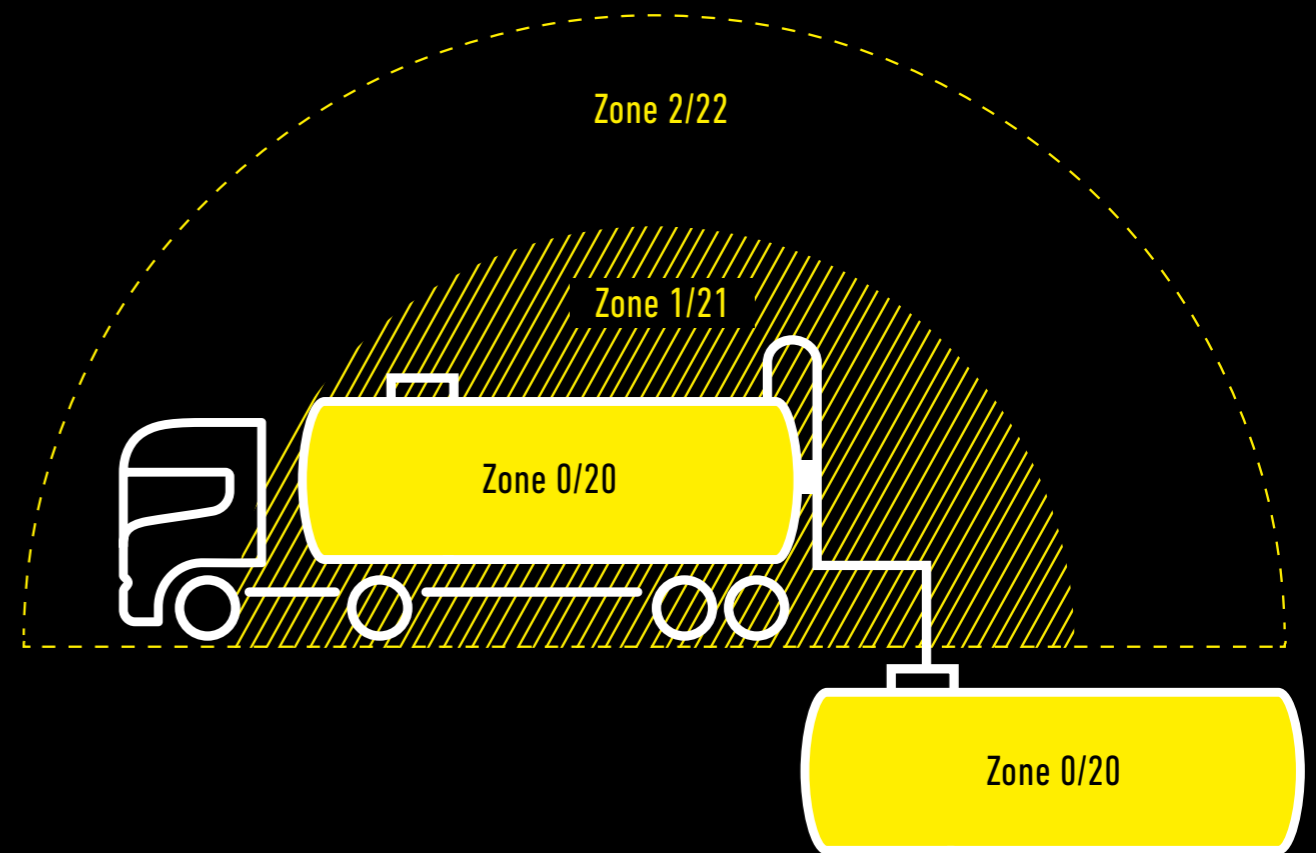
EXEMPLARY FIELDS OF APPLICATION:

- 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



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.**



* Depending on the gases and/or dusts present.



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





LED	EXC6R*	EXC7R*
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	EXC6R*	EXC7R*
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	EXC6R*	EXC7R*
Width (mm)	69	87
Hight (mm)	138	187
Weight incl. Battery (g / oz)	285 / 10.0	492 / 17.4

FEATURES	EXC6R*	EXC7R*
	Magnetic Switch, Backup Mode, Battery Indicator, Charge Indicator, Low Battery Warning	Magnetic Switch, Backup Mode, Battery Indicator, Charge Indicator, Low Battery Warning

CERTIFICATION	EXC6R*	EXC7R*
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

VERPACKUNG	EXC6R*	EXC7R*
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

OPTIONALES ZUBEHÖR	EXC6R*	EXC7R*
	502408 Charging Station EXC6R	502409 Charging Station EXC7R



LED	EXH6R	EXH8
LED Configuration	2x Power LED	1x Power LED
Light Functions	Spot + Flood Power / Spot Power / Flood Power / Spot Low Power	Power / Low Power
Luminous Flux ¹ (lm)	250 / 180 / 100 / 50	180 / 50
Beam Distance ¹ (m)	170 / 140 / 90 / 30	120 / 65
Run Time ¹ (h)	3 / 4 / 10 / 15	15 / 40

BATTERY AND CASE	EXH6R	EXH8
Battery	1x Li-ion Battery Pack 3.7V	3x Mignon (AA) Alkaline 1,5V
Battery Capacity ² (Wh / mAh)	7.03 / 1900	-
Rechargeable	Yes	No
Charging Time ⁵ (min)	210	-
IP Level	IP68	IP66 and IP68

SIZE AND WEIGHT	EXH6R	EXH8
Width (mm)	56	41
Hight (mm)	-	-
Weight incl. Battery (g / oz)	330 / 11.64	345 / 12.2

FEATURES	EXH6R	EXH8
	Magnetic Switch, Transportation Lock, Backup Mode, Battery Indicator, Charge Indicator, Low Battery Warning	Advanced Focus System, Rear Light, Magnetic Switch, Rotary Switch

CERTIFICATION	EXH6R	EXH8
EX-Zone	0/21	0/20
Gas Group	IIA, IIB, IIC	IIA, IIB, IIC
Dust Group	IIIA, IIIB, IIIC	IIIA, IIIB, IIIC
Temperature Class	T4/T135°C	T4/T ₂₀₀ 135°C

VERPACKUNG	EXH6R	EXH8
Item no. Sleeve Box / GTIN	502041 / 4058205016605	501017 / 4058205007412
Contents Box	Adaptor Cable, Charging Station, Power Adapter	1 Battery Pack, Battery Cartridge

OPTIONALES ZUBEHÖR	EXH6R	EXH8
	501595 Silicone Headband	501595 Silicone Headband

EXH6R



03



02



05

- 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 








- 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



EX4

LED
LED Configuration
Light Functions
Luminous Flux ¹ (lm)
Beam Distance ¹ (m)
Run Time ¹ (h)
Battery
Battery Capacity ² (Wh / mAh)
Rechargeable
Charging Time ⁵ (min)
IP Level
Head Diameter (mm)
Length (mm)
Weight incl. Battery (g / oz)
Advanced Focus System
More Features



EX7

LED
LED Configuration
Light Functions
Luminous Flux ¹ (lm)
Beam Distance ¹ (m)
Run Time ¹ (h)
Battery
Battery Capacity ² (Wh / mAh)
Rechargeable
Charging Time ⁵ (min)
IP Level
Head Diameter (mm)
Length (mm)
Weight incl. Battery (g / oz)
Advanced Focus System
More Features



EX7R

LED
LED Configuration
Light Functions
Luminous Flux ¹ (lm)
Beam Distance ¹ (m)
Run Time ¹ (h)
Battery
Battery Capacity ² (Wh / mAh)
Rechargeable
Charging Time ⁵ (min)
IP Level
Head Diameter (mm)
Length (mm)
Weight incl. Battery (g / oz)
Advanced Focus System
More Features

	●	●
		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 ₁₃₅ 135°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

¹⁻¹¹ Information on page 88



— PORTABLE ENERGY
FLEX-SERIES



 LEDLENSER



FLEX-SERIES: THE FUTURE OF PORTABLE ENERGY



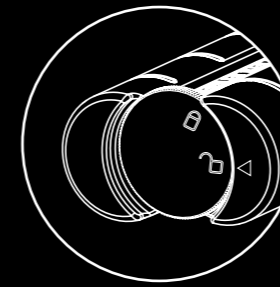
► FOR 21700 BATTERIES

FLEX5

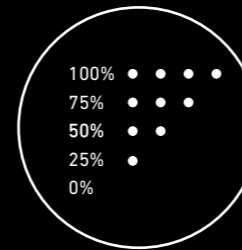
FLEX10

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
	<ol style="list-style-type: none"> 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 	<ol style="list-style-type: none"> 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, P9R Core LEP	H7R Work, P7R Work, P9R Core LEP
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)

FLEX10 ^{rechargeable}



Locking wheel for maximum reliability



Separate charge level indicators

UP TO 30 % FASTER CHARGING
(Compared to charging in a Ledlenser P7R CORE / WORK / SIGNATURE and P9R CORE LEP)

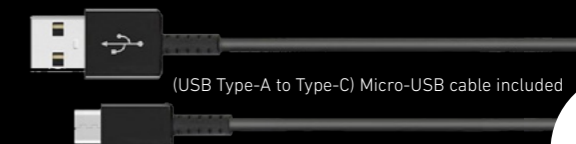
Water and dust protection IP65/
special USB ports



Rethinking the Powerbank: 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.



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 Capacity ² (Wh / mAh)	12.34 / 3400	24.68 / 6800
☁ IP Level	IP65	IP65
🔌 Rechargeable	Yes	Yes
🕒 Charging Time ⁵ (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
	<ol style="list-style-type: none"> 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 	<ol style="list-style-type: none"> 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

¹⁻¹¹ Information on page 88



ACCESSORIES FLASHLIGHTS

Item no.	PRODUCT NAME	P2R Work	P4R Work	P5R Work	P6R Work	P7R / UV Work	P9R LEP Core	P18R Work
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	•	•	•	•	• / •	•	•
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 rech. Bat. 3,6 V / 880 mAh			•				
502126	Powerbank Flex3				•			
502125	Powerbank Flex7				•			
502511	Powerbank Flex5					• / •	•	
502127	Powerbank Flex10					• / •	•	
500985	Li-Ion rech. Battery 3,7V / 750 mAh			•				
502262	21700 Li-ion rech. Battery 4800mAh					• / •	•	



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



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



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

ACCESSORIES HEADLAMPS

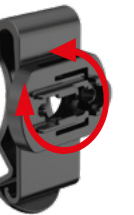
Item no.	PRODUCT NAME	HF4R Work	HF6R Work	HF8R Work	H5R Work	H7R Work	H15R Work
0332	Pouch Type H	•	•	•	•		
502253	Belt Clip Type A					•	•
502254	Helmet Mount for Euroslot Type A	•	•	•			
502314	Helmet Connecting Kit Type H	•	•	•	•	•	•
502313	Helmet Band Fixing Clip Type A				•	•	•
502256	Universal Mounting Bracket Type E	•	•	•	•	•	•
502451	Transparent Silicone Headband Type A				•	•	•
502469	Headband+Overheadband Core				•	•	•
502265	Magnetic Charging Cable Type A	•	•	•	•	•	•
502311	Wireless Remote Control Type A			•			
502312	Extension Cable Type C					•	•
502929	USB-C Adapter 20W	•	•	•			
502411	Bluetooth® 2x 21700 Batterybox					•	•
502511	Powerbank Flex5					•	
502127	Powerbank Flex10					•	
502262	21700 Li-ion rechargeable battery 4800mAh					•	



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. 502314
Helmet Connecting Kit H
Stable helmet holder system for a wide variety of helmet models



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

ACCESSORIES AREA LIGHTS NEW

Item no.	PRODUCT NAME	AL10R	AF4R	AF8R	AT10C	AF12R	AF12C
503016	Extension Cable 5 m NEW	•	•	•	•	•	•
503018	Controller for Area Lights NEW	•	•	•	•	•	•
502929	USB-C-Adapter 20W		•	•		•	



Extension Cable 5 m
Item no. 503016



Controller for Area Lights
Item no. 503018



— TECHNOLOGIES,
ABOUT US, WARRANTY
AND MORE



Ledlenser headquarters in Solingen



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:



HYBRID POWER

NEW

Battery or mains operation – products with Hybrid Power are designed to be used with both energy sources. Battery operation makes your product a portable companion, whereas mains operation is ideal for stationary use. This way, you stay flexible and your products have an almost unlimited runtime.



LASER EXCITED PHOSPHOR TECHNOLOGY

NEW

Need a highly focused white light with an extreme beam range? We have you covered with the Laser Excited Phosphor Technology. This is how it works: Blue laser light is directed at a phosphor-coated plate and transformed into white light which then travels through two lenses, resulting in a white light that is highly focused and has an extreme range. You can use it for Morse code or on search and rescue missions.



MULTI-CONCENTRATED LIGHT

NEW

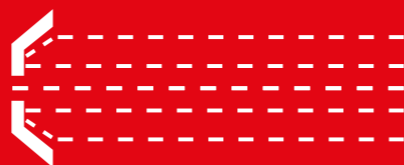
The Multi-Concentrated Light technology efficiently directs the light to where you need it the most – with less energy input⁹ or stray light. The LEDs are placed in a reflector grid which concentrates the light. This allows an efficient and directed light output. The grid creates a characteristic waffle structure, which makes for a higher light output¹¹ as well as a reduced and sustainable use of energy.



REDUCED PERIPHERAL GLARE

NEW

Our Reduced Peripheral Glare makes for virtually glare-free working. The LEDs are embedded into the waffle structure and concentrate the light. At the same time, the reflector troughs prevent peripheral glaring.



TUNABLE WHITE

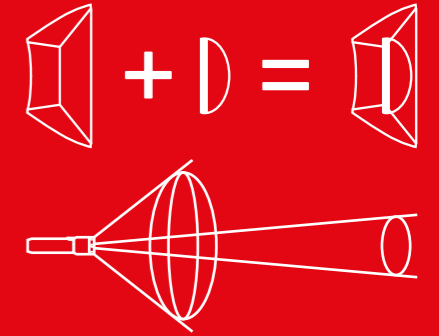
NEW

Cool white and warm white LEDs allow you to choose between different color temperatures.



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.



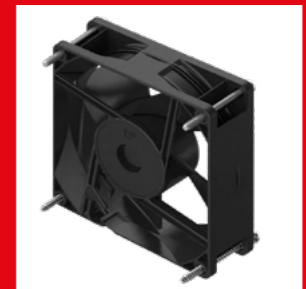
ADAPTIVE LIGHT BEAM

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.



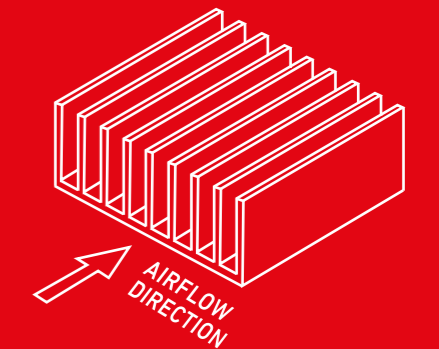
ACTIVE COOLING TECHNOLOGY

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.



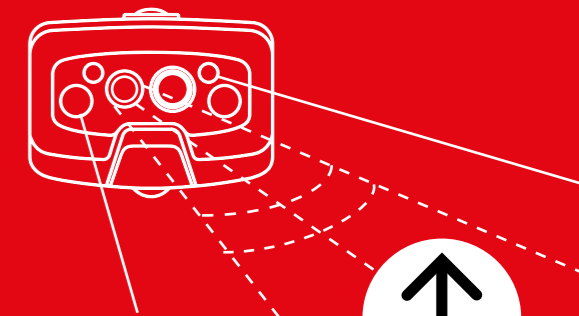
COOLING TECHNOLOGY

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.



DIGITAL ADVANCED FOCUS SYSTEM

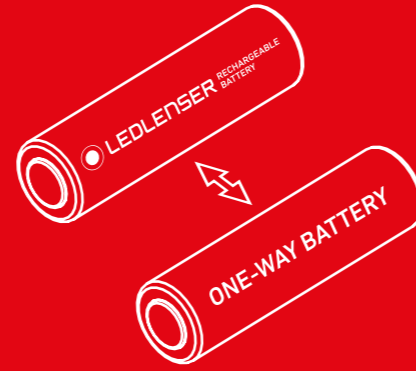
Our patent-pending Digital Advanced Focus System (dAFS) allows a virtually seamless transition from homogeneous flood-light to focused spotlight. Its efficiency delights even experts. The technology enables a slim design, ideal lighting for different ranges and permanent peripheral vision.





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.



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.



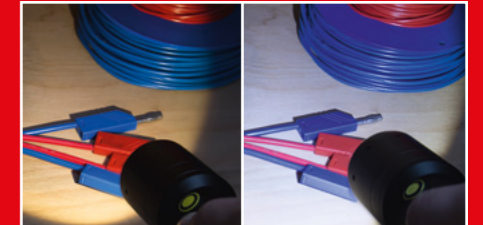
EXTREME SEARCH BEAM

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.



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



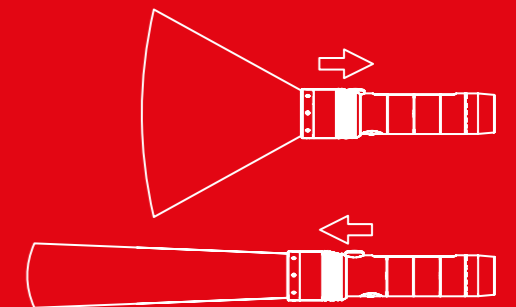
FLEX SEALING TECHNOLOGY

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.



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.



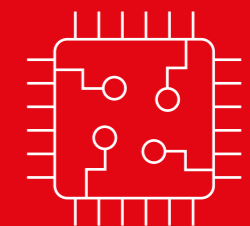
FLOATING CHARGE SYSTEM

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.



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.

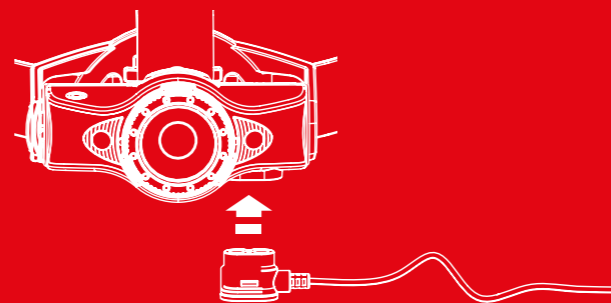


Video Smart Light Technology



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.



TEMPERATURE CONTROL

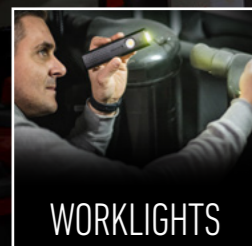
Our lights stay cool, even when they work hard. Thanks to the intelligent and fully automated temperature control, a Ledlenser never gets too hot, no matter how much it is used. This protects you from burns and the LED from overheating.



WORK MADE EASY

PERFECTLY PRESENTED AT THE POS

The First One-Stop Shop
for Portable Light



WORK POS CONCEPT

ONE-STOP SHOP FOR INDUSTRY AND TRADE

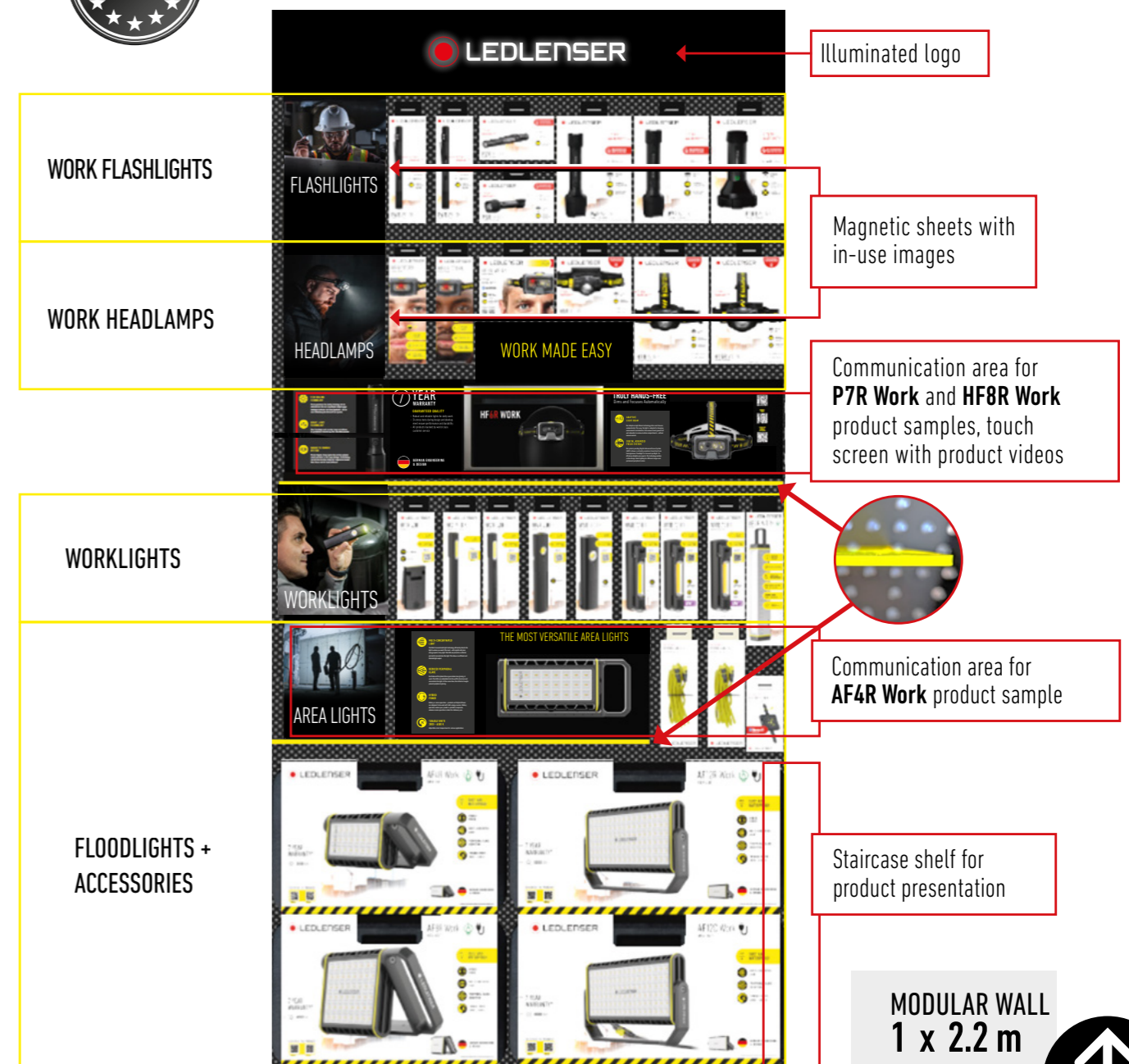
Comprehensive presentation at the point of sale: Our portfolio of flashlights, headlamps, worklights and floodlights can now be found on a well-organized sales wall. The consumer-centric communication helps the customer navigate the product range, while an integrated touch screen

offers more information and makes for a high-quality brand appearance.

The Work PoS Concept comes in three sizes: Platinum, Gold and Silver. For more information, please get in touch with your Ledlenser contact person.



WORK POS CONCEPT PLATINUM



WHAT SETS US APART

- › 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, Japan, Denmark, United Kingdom, France, Italy and Switzerland
- › Worldwide collaboration with more than 40 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.

¹⁻¹¹ Information on page 88



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

9) Up to 35 % higher illuminance (lux) in case of the same luminous flux (Lumen) compared to Ledlenser iF-series products

10) EP Patent 3717826

11) Up to 12 % lower power consumption (watts) in case of maximum luminous flux (Lumen) compared to Ledlenser iF-series products

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

Ledlenser GmbH & Co. KG
Kronenstraße 5-7, 42699 Solingen, Germany
Sales tax ID: DE815242425, Local Court Wuppertal, HRA 23078
Personally liable partner:
Ledlenser Beteiligungs GmbH
Headquarters: Solingen, Germany
Local Court Wuppertal, HRB 24774
Executive Director: **Michael Reuter** (CEO), **Kai Milewski** (CFO)

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 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

Customers from Belgium, the Netherlands and Luxembourg can reach us by e-mail: info.bnl@ledlenser.com

Customers from Austria can reach us by e-mail: support@ledlenser.at

Customers from Switzerland can reach us by e-mail: office@ledlenser.ch



