WORK
PRODUCT BROCHURE

LEDLENSER

PIONEERING BRILLIANCE.

THE NEW P-SERIES

Powerful flashlights for those who push boundaries – the discerning enthusiasts, the industrious workers, the bold adventurers and the forward-thinkers. Lights that bridge the gap between the epic and the technical.

In your hand, they do more than shine – they guide your path, reveal the unknown and empower you to explore, discover and redefine what is possible.

EXPLORE
THE NEW P-SERIES

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.

WORK
ROBUST AND PROFESSIONAL

WORK-LIGHTS

AREA LIGHTS

W-SERIES

Illuminates the Details

AREA LIGHTS

Customizable Illumination for Worksites

7 YEAR[4]
WARRANTY

MADE EASY

LIGHTING FOR EVERY AREA OF APPLICATION

HEADLAMPS		FLASH-LIGHTS

HF-SERIES WORK	H-SERIES WORK	P-SERIES
Truly Hands-free*	Conquers Demanding Environments	Highest Standards, Always at Hand

* Applies exclusively to the HF8R Work

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

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.

DISCOVER MORE

CONTENT
WORK

NEW
Hand for scale in tables section
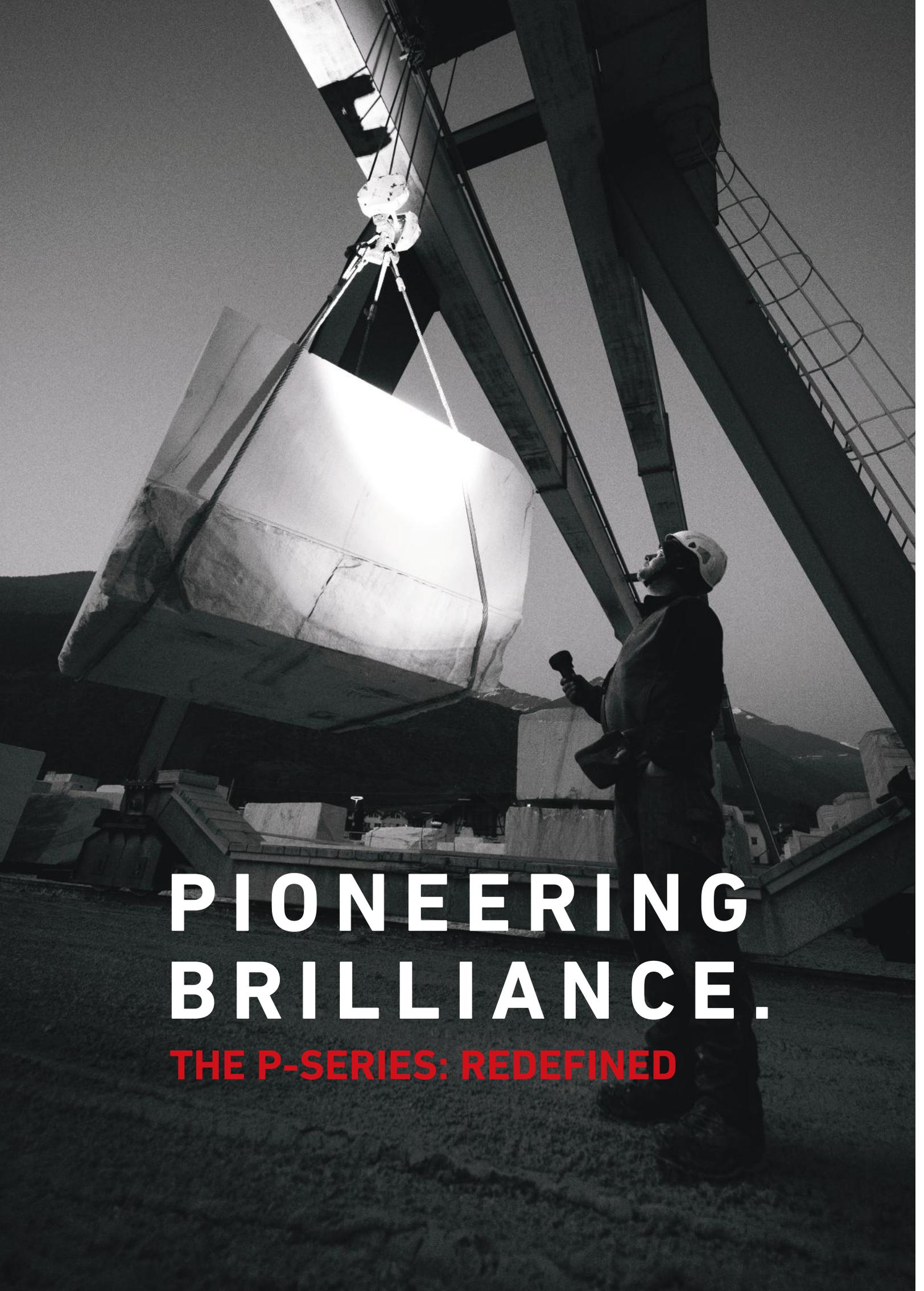
PIONEERING BRILLIANCE.

THE P-SERIES: REDEFINED

THE NEW **P-SERIES**

Intuitive to control, with a brilliant light quality and more sustainable than ever: The entire P-series has been redefined. Rooted in our heritage as early LED pioneers, we have brought our flashlights to the next level.

By embracing cutting-edge technologies, upholding our commitment to sustainability, conducting rigorous quality tests, and obsessing over every detail, we have come up with a range of powerful flashlights to suit any situation.

From compact keychain and pen lights to searchlights that can illuminate vast landscapes, these lights are as elegant as they are advanced, as intuitive as they are ambitious.

DISCOVER THE NEW P-SERIES IN DETAIL

Item no. 503106	Item no. 503098	Item no. 503100	Item no. 503102
P3	**P4**	**P5**	**P7**

ALKALINE FLASHLIGHTS

Item no. 503101	Item no. 503103
P5R PRO	**P7R PRO**

RECHARGEABLE PRO FLASHLIGHTS

Item no. 503097	Item no. 503107	Item no. 503099	Item no. 503109	Item no. 503146	Item no. 503111	Item no. 503112	Item no. 503105
P2R	**P3R**	**P4R**	**P5R**	**P6R**	**P7R**	**P18R**	**P21R**

RECHARGEABLE FLASHLIGHTS

THE NEW ICONIC
P7R

NEW

ELEMENT-PROOF
High water and dust resistance

IP68

ALUMINIUM HOUSING
High-quality housing made of 75 % recycled aluminium[6]

MODE SELECT RING
Quick access to different light modes, transport lock and USB-C charging port

RECHARGEABLE
via USB-C

ADVANCED FOCUS SYSTEM
Seamless transition from homogeneous flood to sharply focused spot

BRILLIANT CLARITY

up to **2000 lm**[1] —— up to **320 m**[1]

PRODUCT VIDEO

SUSTAINABILITY THAT MAKES A REAL DIFFERENCE

The production of aluminium from raw ore is highly energy-intensive and thus has the greatest impact on the carbon footprint of our products. That is why we are using recycled aluminium for our new P-series:

This way, we save up to 95 % energy and reduce carbon emissions by around 96.4 % per ton. By using a minimum of 75 % recycled aluminium in all housing components, we significantly reduce the need for raw material extraction, help conserve natural resources and minimize the environmental impact of our production – without compromising on technology and performance.

With every P-series flashlight, you actively choose to support the planet – and can rely on the familiar Ledleser quality at the same time. Built-in sustainability. Innovation for the future.

75% RECYCLED ALUMINIUM[6]

TAC7R

NEW

01 | 02

05

09

03 | 04

06

07

08

01 Multi-lens different tactical light pictures

02 Strobe search RGB

03 Roll protection as rills on lamp head

04 Battery indicator – Powerful 21700 rechargeable Li-Ion battery

05 Aluminium body

06 Grippy knurling for good handling with gloves

07 Clip detachable

08 Mode select ring for regular White light, Red, Green, Blue, Strobe, Serch, Position, Transport lock

09 2-step end cap switch touch or push through

TACTICAL BRILLIANCE, WHEN IT MATTERS MOST

With our TAC Series, nothing is left to chance. Designed for professionals who rely on their equipment day in, day out. From police and specialist units to private security teams, these tactical torches deliver dependable performance in critical moments.

And when the job is done, they're just as reliable in your own time, whether you're on a outdoor adventure, preparing for emergencies, or simply need powerful, uncompromising light.

3200 lm[1]
370 m[1]
30 h[1]
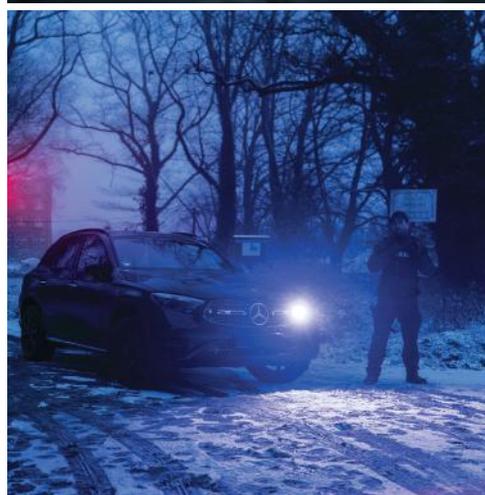
FLASHLIGHTS

02

01 | 03

03

05

NEW

P7R Pro

02   04

$2000\ \text{lm}^1$

$320\ \text{m}^1$

$60\ \text{h}^1$

01   Brilliant light quality, focus function (Advanced Focus System) and natural white light with high CRI against eye fatigue

02   Intuitive control: Mode Select Ring for quick access to different light modes, transport lock and charging port

03   Extremely robust: High water and dust resistance (IP68), removable protective bumpers for added protection

04   Sustainable: Use of 75 % recycled aluminium[6]

05   Rechargeable via USB-C, with additional charging station

[1-11] Information on page 92

EN
PRODUCT VIDEO

P-SERIES Pro
RECHARGEABLE
NEW

P5R Pro | P7R Pro

LED	P5R Pro	P7R Pro
LED Configuration	1x LED White	1x LED White
Light Functions	Boost / Power / Mid Power / Low Power	Boost / Power / Mid Power / Low Power
Luminous Flux[1] (lm)	750 / 350 / 100 / 25	2000 / 1200 / 450 / 25
Beam Distance[1] (m)	280 / 180 / 100 / 50	320 / 240 / 150 / 35
Run Time[1] (h)	- / 1 / 3.5 / 18	- / 2.5 / 5 / 60
Color Temperature (K)	4500 - 5500	4500 - 5500
Color Rendering Index (CRI)	80	80
BATTERY AND CASE		
Battery	1x Li-ion Battery 3.7V	1x Li-ion Battery 3.6V
Battery Capacity[2] (Wh / mAh)	3.404 / 920	16.56 / 4600
IP Level	IP68	IP68
Rechargeable	Yes	Yes
Charging Time[5] (min)	180	180
Drop Height (m)	2	2
SIZE AND WEIGHT		
Length – defocused (mm)	131	170
Head Diameter (mm)	36	42
Weight incl. Batteries (g)	116	223
TECHNOLOGIES		
Multi-Core Optics		●
Flex Sealing Technology	●	●
Hybrid Power	●	
Temperature Control System	●	●
Advanced Focus System	●	●
More Features	Transport Lock, Rechargeable per USB-C, Natural Light, Dual Power Source	Transport Lock, Rechargeable per USB-C, Flicker-free, Mode Select Ring, Natural Light
PACKAGING		
Item no. Box / GTIN	503101 / 4058205037075	503103 / 4058205037136
Content Box	1 Battery, Lanyard, Charging Station, Charging Cable (USB-C to USB-C), Pouch, Protective Element Set	1 Battery, Lanyard, Charging Station, Charging Cable (USB-C to USB-C), Pouch, Protective Element Set
OPTIONAL ACCESSORIES		
	502239 Color Filter Set 29.5mm	502269 Leather Pouch Type D
More Accessories on page 82	502249 Lamp Adapter Type B	502238 Color Filter Set 35.1mm

[1-11] Information on page 92

P-SERIES NEW

ALKALINE

	P3	P4
LED		
⌂ LED Configuration	1x LED White	1x LED White
⑊ Light Functions	Power / Mid Power / Low Power	Power / Mid Power / Low Power
☼ Luminous Flux[1] (lm)	130 / 60 / 20	180 / 80 / 20
⟶ Beam Distance[1] (m)	110 / 70 / 40	90 / 50 / 25
◷ Run Time[1] (h)	2.5 / 4 / 6.5	5 / 10 / 23
K Color Temperature (K)	6000 - 7500	6000 - 7500
CRI Color Rendering Index (CRI)	70	70
BATTERY AND CASE		
▭ Battery	1x AAA Alkaline Battery	2x AAA Alkaline Batteries
▭ Battery Capacity[2] (Wh / mAh)	–	–
☁ IP Level	IP54	IP54
▯ Rechargeable	No	No
▯ Charging Time[5] (min)	–	–
↓ Drop Height (m)	2	2
SIZE AND WEIGHT		
↗ Length – defocused (mm)	94	142
◎ Head Diameter (mm)	20	15
⚖ Weight incl. Batteries (g)	43	60
TECHNOLOGIES		
⊙ Rapid Focus	●	
⬌ Advanced Focus System	●	●
More Features	Keyring	Clip
PACKAGING		
Item no. Box / GTIN	503106 / 4058205037228	503098 / 4058205036986
Content Box	1 Battery Set, Keyring	1 Battery Set, Clip
OPTIONAL ACCESSORIES		
	0337 Pouch Type D	0362 Universal Mounting System
More Accessories on page 82	0362 Universal Mounting System	

PRODUCT VIDEO

PRODUCT VIDEO

P**5**

1x LED White	
Power / Mid Power / Low Power	
200 / 80 / 20	
170 / 100 / 60	
2 / 3.5 / 8	
6000 - 7500	
70	
1x AA Alkaline Battery	
-	
IP54	
No	
-	
1	
119	
26	
80	
●	
●	
Clip	
503100 / 4058205037044	
1 Battery Set, Clip	
0333 Pouch Type A	
0317 Intelligent Clip	

P**7**

1x LED White	
Power / Mid Power / Low Power	
650 / 300 / 40	
400 / 250 / 85	
1 / 3 / 30	
6000 - 7500	
70	
4x AAA Alkaline Batteries	
-	
IP54	
No	
-	
1	
131	
37	
175	
●	
●	
503102 / 4058205037105	
1 Battery Set, Lanyard	
0362 Universal Mounting System	
0333 Pouch Type A	

[1-11] Information on page 92

P-SERIES
RECHARGEABLE

NEW

LED

◠	LED Configuration
ⅢⅢ	Light Functions
☼	Luminous Flux[1] (lm)
▭→	Beam Distance[1] (m)
◷	Run Time[1] (h)
K	Color Temperature (K)
CRI	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

↗	Length – defocused (mm)
◎	Head Diameter (mm)
g	Weight incl. Batteries (g)

TECHNOLOGIES

🔆	Rapid Focus
⚡	Dual Power Source
🔆	Advanced Focus System
	Weitere Features

PACKAGING

	Item no. Box / GTIN
	Content Box

OPTIONAL ACCESSORIES

P2R | P3R | P4R

	P2R	P3R	P4R
	1x LED white	1x LED white	1x LED white
	Power / Mid Power / Low Power	Power / Mid Power / Low Power	Power / Mid Power / Low Power
	200 / 80 / 20	200 / 80 / 20	300 / 100 / 25
	90 / 50 / 20	130 / 80 / 40	100 / 60 / 25
	1 / 2 / 8	1.5 / 2.5 / 8	1.5 / 3 / 13
	6000 – 7500	6000 – 7500	6000 – 7500
	70	70	70
	1x Li-ion Battery 3.7V / 1 x AAA Batterie	1x Li-ion Battery 3.7V / 1 x AAA Batterie	1x Li-ion Battery 3.7V / 2 x AAA Batterie
	1.11 / 300	1.11 / 300	2.59 / 700
	IP54	IP54	IP54
	Yes	Yes	Yes
	90	90	90
	2	2	2
	95	94	142
	15	20	15
	36	41	57
		●	
	●	●	●
	●	●	●
	Clip	Keyring	Clip
	503097 / 4058205036955	503107 / 4058205037259	503099 / 4058205037013
	1 Battery, Clip	1 Battery, Keyring	1 Battery, Clip
	0337 Pouch Type D	0337 Pouch Type D	502929 USB-C Adapter 20W
	502929 USB-C Adapter 20W	502929 USB-C Adapter 20W	0362 Universal Mounting System

[1–11] Information on page 92

P-SERIES
RECHARGEABLE

NEW

PRODUCT VIDEO

PRODUCT VIDEO

		P5R	P6R
LED			
	LED Configuration	1x LED White	1x LED White
	Light Functions	Boost / Power / Mid Power / Low Power	Boost / Power / Mid Power / Low Power
	Luminous Flux[1] (lm)	750 / 350 / 100 / 25	1200 / 700 / 300 / 25
	Beam Distance[1] (m)	280 / 180 / 100 / 50	320 / 240 / 160 / 45
	Run Time[1] (h)	– / 1 / 4 / 20	– / 2.5 / 7.5 / 65
	Color Temperature (K)	6000 - 7500	6000 - 7500
	Color Rendering Index (CRI)	70	70
BATTERY AND CASE			
	Battery	1x Li-ion Battery 3.7V / 1x AA Battery	1x Li-ion Battery 3.6V
	Battery Capacity[2] (Wh / mAh)	3.404 / 920	10.8 / 3000
	IP Level	IP68	IP68
	Rechargeable	Yes	Yes
	Charging Time[5] (min)	180	300
	Drop Height (m)	2	2
SIZE AND WEIGHT			
	Length – defocused (mm)	121	150
	Head Diameter (mm)	33	35
	Weight incl. Batteries (g)	99	165
TECHNOLOGIES			
	Multi-Core Optics		●
	Flex Sealing Technology	●	●
	Dual Power Source	●	
	Temperature Control System	●	●
	Advanced Focus System	●	●
	More Features	Transport Lock, Rechargeable via USB-C, Dual Power Source	Transport Lock, Rechargeable via USB-C, Flicker-free

PACKAGING			
	Item no. Box / GTIN	503109 / 4058205037310	503146 / 4058205038195
	Content Box	1 Battery, Lanyard	1 Battery, Lanyard
OPTIONAL ACCESSORIES			
		502929 USB-C Adapter 20W	502929 USB-C Adapter 20W
	More Accessories on page 82	502249 Lamp Adapter Type B	502250 Lamp Adapter Type C

PRODUCT VIDEO

EN

P**7R**

1x LED White

Boost / Power / Mid Power / Low Power

2000 / 1200 / 450 / 25

320 / 240 / 150 / 35

– / 2.5 / 5.5 / 80

6000 - 7500

70

1x Li-ion Battery 3.6V

16.56 / 4600

IP68

Yes

180

2

159

35

197

●

●

●

●

Transport Lock, Rechargeable via USB-C, Flicker-free, Mode Select Ring

503111 / 4058205037372

1 Battery, Lanyard

502269 Leather Pouch Type D

502929 USB-C Adapter 20W

P21R

NEW

01

02
03

04

02 | 03   04 | 05

LEDLENSER P21R

$\unicode{x2600}$ 12,000 lm[1]

$\rightarrow$ 1100 m[1]

$\unicode{x1F550}$ 25 h[1]

01   **Brilliant light quality** with up to 12,000 lumens[1] in boost mode and focus function (Advanced Focus System)

02   **Intuitive control:** Mode Select Ring for quick access to different light modes, transport lock and USB-C charging port

03   **High usability:** One-Touch Focus for easy focusing

04   **Sustainable:** Use of 75 % recycled aluminium[6], 7-year warranty[4] and rechargeable via USB-C, with additional charging station

05   **Element-proof:** High water and dust resistance (IP68)

[1-11] Information on page 92

EN
PRODUCT VIDEO

P-SERIES

RECHARGEABLE

NEW

		P18R	P21R
LED			
	LED Configuration	3x LEDs White	7x LEDs White
	Light Functions	Boost / Power / Mid Power / Low Power / (SOS / Strobe / Position / Blink)	Boost / Power / Mid Power / Low Power / (SOS / Strobe / Position / Blink)
	Luminous Flux[1] (lm)	6500 / 3200 / 1000 / 100	12000 / 5000 / 2000 / 220
	Beam Distance[1] (m)	600 / 425 / 240 / 45	1100 / 850 / 540 / 160
	Run Time[1] (h)	– / 2 / 5.5 / 45	– / 2.5 / 5.5 / 25
	Color Temperature (K)	6000 – 7500	6000 – 7500
	Color Rendering Index (CRI)	70	70
BATTERY AND CASE			
	Battery	1x Li-ion Battery 11.1V	1x Li-ion Battery 9.6V
	Battery Capacity[2] (Wh / mAh)	35.52 / 3200	57.6 / 6000
	IP Level	IP68	IP68
	Rechargeable	Yes	Yes
	Charging Time[5] (min)	210	330
	Drop Height (m)	1	1
SIZE AND WEIGHT			
	Length – defocused (mm)	196	378
	Head Diameter (mm)	86	95
	Weight incl. Batteries (g / oz)	651	1250
TECHNOLOGIES			
	One-Touch Focus	●	●
	Temperature Control System	●	●
	Savety Ytrion Cell		●
	Advanced Focus System	●	●
	Weitere Features	One-Touch Focus, Mode Select Ring, Transport Lock, Flicker-free, Multi-Core Optics	One-Touch Focus, Mode Select Ring, Transport Lock, Flicker-free
PACKAGING			
	Item no. Box / GTIN	503112 / 4058205037402	503105 / 4058205037198
	Content Box	1 Battery, Charging Station, Charging Cable (USB-C to USB-C), Lanyard	1 Battery, Charging Station, Charging Cable (USB-C to USB-C), Protective Elements, Tripod Adapter, Shoulder Strap
OPTIONAL ACCESSORIES			
		502929 USB-C Adapter 20W	502929 USB-C Adapter 20W
		501508 Color Filter Red 85.5m	

[1-11] Information on page 92

TAC SERIES NEW

RECHARGEABLE

LED	
△ LED Configuration	
‖‖‖ Light Functions	
☼ Luminous Flux[1] (lm)	
⊏⊐→ Beam Distance[1] (m)	
⏲ Run Time[1] (h)	
⬚K 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	
↗ Length – defocused (mm)	
◎ Head Diameter (mm)	
g Weight incl. Batteries (g)	

TECHNOLOGIES	

PACKAGING	
Item no. Box / GTIN	
Content Box	

OPTIONAL ACCESSORIES

TT3R	**TAC6R**	**TAC7R**
1x White, 1x Blue, 1x Red	1x White, 1x Blue, 1x Red	1x White, 1x Blue, 1x Red
Power, Mid Power, Low Power, (Boost, Strobe) (Red, Red Blink, Blue, Blue Blink)	TAC Boost, Check, TAC Mid, TAC High, Search	TAC Boost, Check, TAC Mid, TAC High, Search
1900 / 1000 / 120	2000 / 100 / 600 / 1100 / 500	3200 / 100 / 650 / 1250 / 550
300 / 220 / 80	370 / 20 / 200 / 280 / 270	370 / 20 / 180 / 245 / 235
2 / 3 / 50	Boost / 15 / 3.5 / 2 / 3	Boost / 30 / 6 / 2.5 / 6
6500	6000 - 7500	6000 - 7500
70	70	70
1x Li-ion Battery 3.6V	1 x Li-ion Battery 3.6V	1x Li-ion Battery 3.6V
16.56 / 4600	19.36 / 2600	16.56 / 4600
IP68	IP68	IP68
Yes	Yes	Yes
210	180	180
2	2	2
40	139	156
154	35	35
218	158	220
Temperature Control System, Backup Mode, Blue Light, Red Light, Transport Lock, 2-Stage End Cap Switch and Mode Select Ring	Tactical Beam, Rapid Control, Rugged, Sustainable, Flicker Free, Transportation Lock, Backup Mode, USB-C Charging	Tactical Beam,, Rapid Control, Sustainable, Red Light, Green Light, Blue Light, Flicker Free, Transportation Lock, Backup Mode, USB-C Charging
503187 / 4058205038935	503052 / 4058205035965	503053 / 4058205035996
1 Battery Pack, Pouch, Lanyard	18650 Battery, Pouch Type G, Adjustable wrist strap, charging cable USB-C	21700 Battery, Pouch Type G, Adjustable wrist strap, charging cable USB-C
503188 Picatinny Rail Mount A	503188 Picatinny Rail Mount A	503188 Picatinny Rail Mount A
503193 Tactical Professional Holster	503193 Tactical Professional Holster	503193 Tactical Professional Holster
503192 Finger Ring Type B	503191 Finger Ring Type A	503192 Finger Ring Type B
503190 Recoil Ring Type B	503189 Recoil Ring Type A	503190 Recoil Ring Type B

P9R CORE LEP

☀ 1000 lm[1]
🔦→ 1300 m[1]

PRODUCT VIDEO

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.

EXTREME BEAM RANGE	WHITE AND RED LIGHT FOR CLOSE-RANGE ILLUMINATION	
01	02	02
LEP	COB	COB
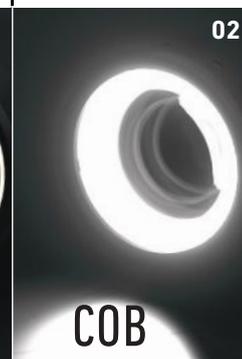
True laser power in your hands!
There is no need to decide between a highly focused white light with an extreme beam range or a homogeneous illumination at close range. Our new P9R Core LEP offers both and is ideal for search and rescue teams, members of the maritime sector as well as hunters and anglers.

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**

LED	
⌂ LED Configuration	1x Laserdiode (LEP),1x COB LED (White Light)
⊪ 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
K Color Temperature (K)	**LEP:** 6000 - 8000 **COB:** 5700-6700
CRI Color Rendering Index (CRI)	**LEP:** 65 **COB:** 80
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)	2
SIZE AND WEIGHT	
↗ Length – defocused (mm)	176
◎ Head Diameter (mm)	41
⌂ Weight incl. Batteries (g)	269
TECHNOLOGIES	
◉ Magnetic Charge System	●
⌂ LEP Technology	●
⌂ Temperature Control	●
More Features	Laser Excited Phosphor Technology, Mode Switch, Magnetic Charge System, Dimmable , Red Light, Transportation Lock, Flicker Free, Backup Mode
PACKAGING	
Item no. Box / GTIN	502987 / 4058205034647
Content Box	1 Battery Pack, Lanyard, Pouch, Magnetic Charging Cable
OPTIONAL ACCESSORIES	
	502251 Lamp Adapter Type D
	501033 Magnetic Mount

[1-11] Information on page 92

HEADLAMPS

HF-SERIES

HF8R WORK

01 02

03

09 08 04 05 07

**ADAPTIVE
LIGHT BEAM**

02

$-\!\!\!\bigcirc\!\!\!-$ 1600 lm[1] ———

$\Box\!\!\rightarrow$ 210 m[1] ———

$\bigcirc$ 90 h[1] ———

Helmet mounting

06

Wall mount

06
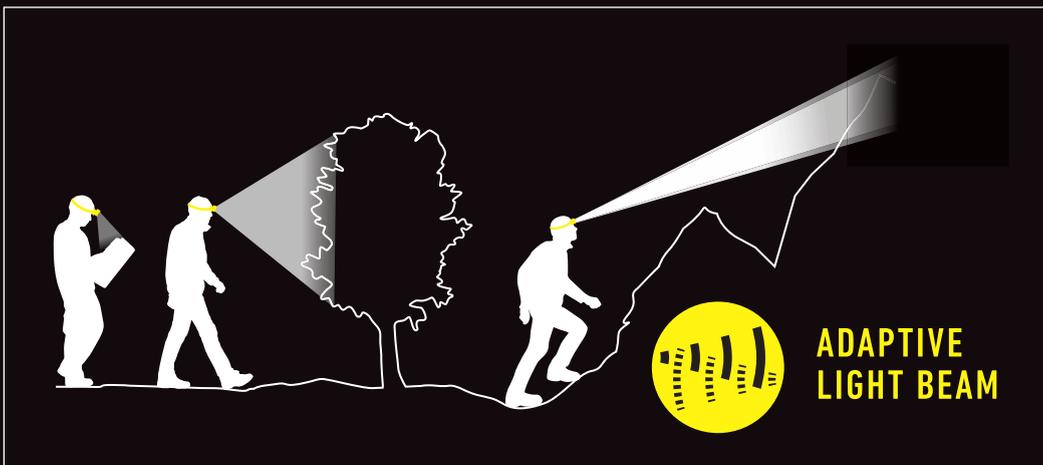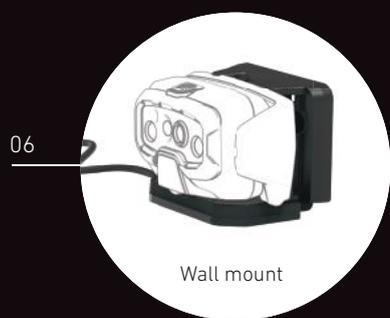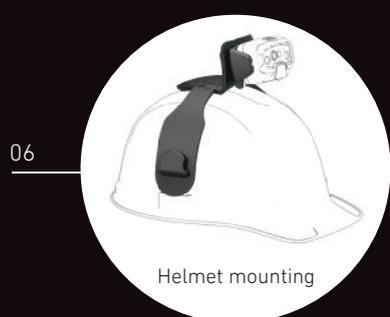
01 **Powerful headlamp** with **Natural Light Technology (CRI 80)** at mid and close-range and with red front light

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 WORK

All HF Work models feature a silicone strip on the inside of the headband for a secure fit on helmets.

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

ᵒᵢᵢᵢᵢ Light Functions

☼ Luminous Flux[1] (lm)

⊏⊐→ Beam Distance[1] (m)

🕓 Run Time[1] (h)

◻ᴷ Color Temperature (K)

(CRI) Color Rendering Index (CRI)

BATTERY AND CASE

🔋 Battery

🔋 Battery Capacity[2] (Wh / mAh)

☁ IP Level

🔋 Rechargeable

🔋 Charging Time[5] (min)

↓ Drop Height (m)

WEIGHT

⚖ Weight incl. Battery (g / oz)

TECHNOLOGY

Adaptive Light Beam

Digital Advanced Focus System

Magnetic Charge System

Temperature Control

Cooling Technology

Weitere Features

PACKAGING

Item no. Box / GTIN

Contents Box

	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)
	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
	79 / 2.79	134 / 4.73	198 / 6.98
			●
		●	●
	●	●	●
	●	●	●
		●	●
	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®8, Red Light, Transport Lock, Memory Function, Backup Mode, Aluminum Housing, Emergency Light, Battery Indicator, Charge Indicator, Low Battery Warning
	502793 / 4058205031769	502798 / 4058205031882	502802 / 4058205031967
	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

Optional accessories on page 83

H-SERIES

H7R WORK

03

06

08

05

08

01 02

07

1000 lm^{1}

250 m^{1}

60 h^{1}

02

09

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

ıllıl Light Functions

☼ Luminous Flux[1] (lm)

▭→ Beam Distance[1] (m)

🕒 Run Time[1] (h)

🌡K Color Temperature (K)

(CRI) 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

Weitere Features

PACKAGING

Item no. Box / GTIN

Contents Box

OPTIONAL ACCESSORIES

H5R WORK   H7R WORK   H15R WORK

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 passend für Tripod Type D	502410 Bluetooth®8 Batterybox	502411 Bluetooth®8 Batterybox
502307 Color Filter Set 32mm	502308 Color Filter Set 40mm	502309 Color Filter Set 47mm

1-11 Information on page 92

WORKERS
FRIEND

WORKERS FRIEND

☀ 280 lm[1]

⌑→ 130 m[1]

BIT 1

BODY The basic handle equipped with a quick-release connection system has a magnetic base allowing the Worker's Friend to be flexibly attached to metal surfaces.

BIT 1 Focusable torch attachment (flash) due 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 large-area light.

BIT 3

BIT 3 The focusable gooseneck lamp (gooseneck) is 32 cm long and has a diameter of 7 mm. this extra flexible lamp even illuminates 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.

USB charging port

Quick release-connection system

Magnetic mount

INNOVATIVE 4-IN-1 LAMP

The Worker's Friend by Ledlenser is more than just a lamp. There are four different lamps integrated into this one ingenious system which perfectly masters the most diverse requirements.

Angled corners, working compartments, pipes, engines – no matter where you want to bring light to, the Worker's Friend always is the right instrument to take with you. especially mechanics, handymen, tinkerers, grease monkeys or facillity managers will find great joy in the worker's 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	**KOMPLETT**
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
SIZE AND WEIGHT	BIT 1 FLASH
Length – defocused (mm)	170
Head Diameter (mm)	35
Weight incl. Batteries (g)	180 / 7.7
PACKAGING	
Item no. Box / GTIN	502136 / 4058205019637
Content Box	1 battery pack, USB-A to micro-USB charging cable, 4 light attachments

	BIT 2 MOUNT		BIT 3 GOOSENECK		BIT 4 INSPECT	
	| POWER | LOW		| POWER | LOW		| 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 92

XP-SERIES

XP**30R**

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

ULTIMATE LIGHT PERFORMANCE
MADE IN GERMANY

PRODUCT VIDEO

$\cdot\!\!\bigcirc\!\!\cdot$ 32,000 lm[1]

$\Box\!\!\rightarrow$ 2000 m[1]

$\bigcirc$ 16 h[1]

07   02   03   08

04

AMP Share
Powered by BOSCH
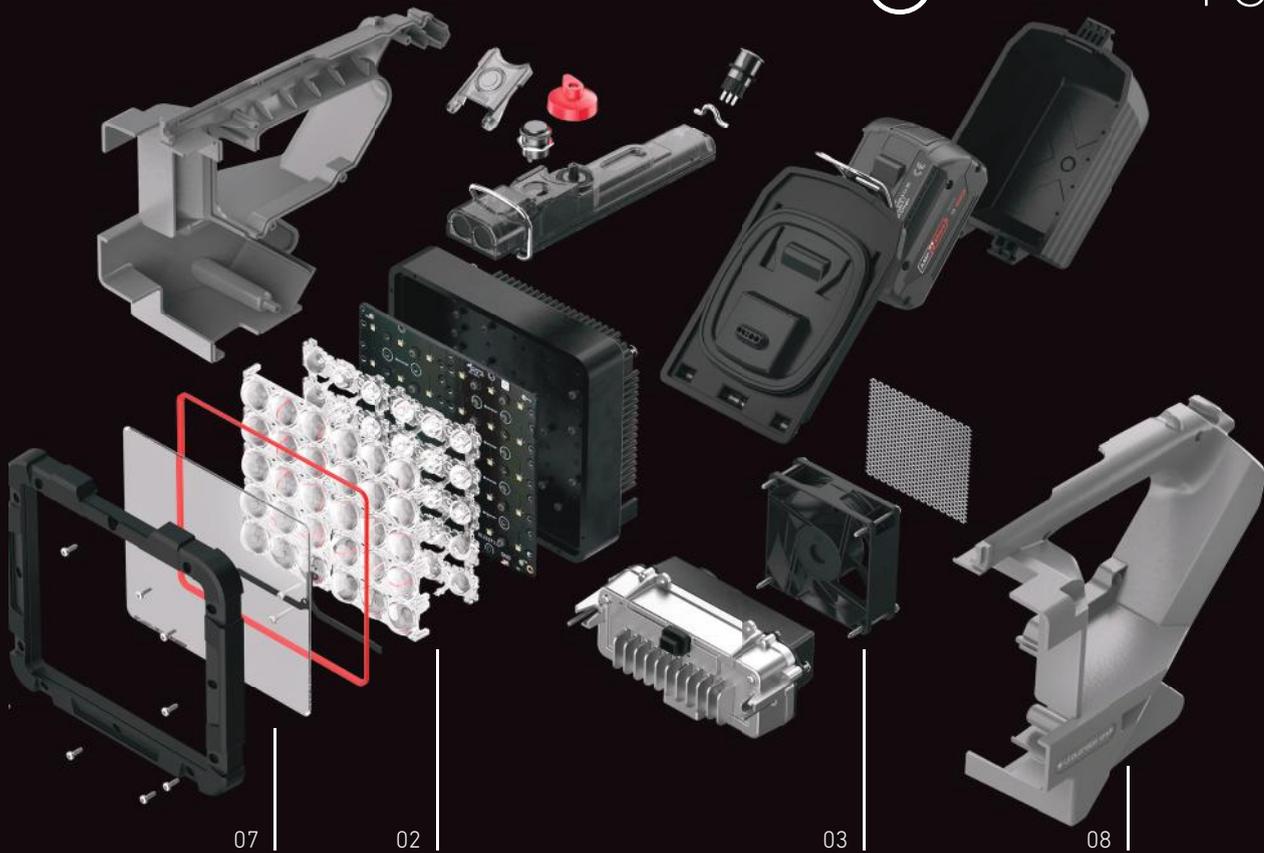
Fig. similar

01 **High-end portable searchlight** with up to 32,000 lumens[1]

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

AREA LIGHTS
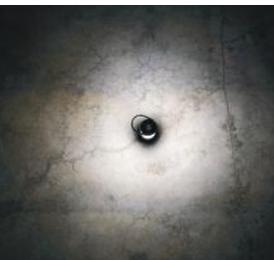
The lantern is equipped with three individually switchable light panels (360°, 240°, 120°) to help save energy and avoid light loss.
By switching one or two panels off, the AL10R Work can easily be adapted to any situation – for instance, when it is placed in a corner.

Fig. without diffuser

Fig. with diffuser and cable

LED	
⚏ LED Configuration	5 Brightness levels
☼ Light Functions	6300 / 5100 / 3600 / 1800 / 750
🕐 Luminous Flux[1] (lm)	1 / 1.25 / 2 / 4 / 9.5
🌡K Beam Distance[1] (m)	3000-6500 (5-stage adjustable)
CRI Run Time[1] (h)	≥ 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
g Gewicht inkl. Akku (g / oz)	1397 / 49.3
TECHNOLOGIES	
🌡 Temperature Control	●
🌡 Cooling Technology	●
🔋 Hybrid Power	●
K Tunable White	●
Weitere Features	Charge Indicator, Battery Indicator, Transportation Lock, Dimmable, Memory Function, Chemical Resistant
PACKAGING	
Item no. Hard Case / GTIN	502917 / 4058205033268
Contents Hard Case	Power Supply, Diffuser
OPTIONAL ACCESSORIES	
	503018 Controller
	503016 Extension cable 5 m
	503212 Tripod
	503230 Double tripod mount

[1-11] Information on page 92

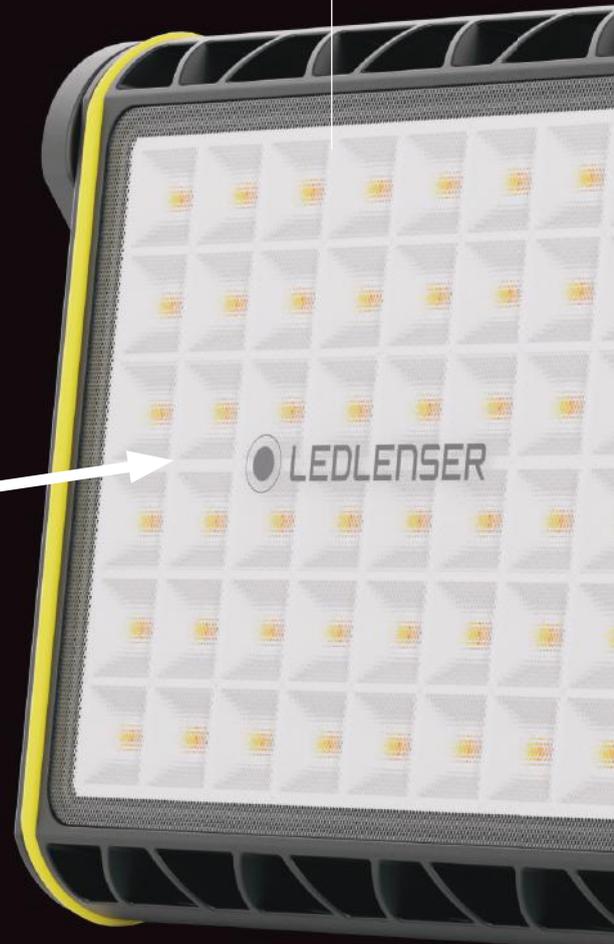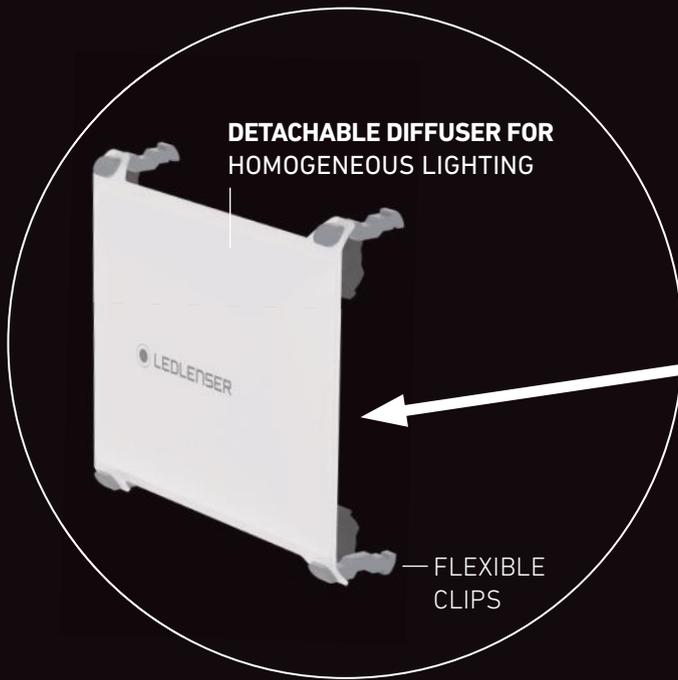# AL**10R** WORK

PRODUCT VIDEO

01 **Powerful lantern with up to 6300 lm**[1], 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

☀[1]		10 %	25 %	50 %	75 %	100 %
3 Paneele	🕐[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 Paneele	🕐[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 Paneel	🕐[1]	250 lm	600 lm	1200 lm	1700 lm	2100 lm
		21 h	8 h	5.5 h	3.75 h	2.75 h

53

MULTI-CONCENTRATED
LIGHT

01

REDUCED PERIPHERAL
GLARE

DETACHABLE DIFFUSER FOR
HOMOGENEOUS LIGHTING

LEDLENSER

FLEXIBLE
CLIPS

LEDLENSER

NON-SLIP SHOCK
PROTECTION

HYBRID
POWER

03

STATUS INDICATOR LEDS,
5 BRIGHTNESS LEVELS
(CRI ≥ 80)

TUNABLE WHITE
3000 – 6500 K

ROBUST ALUMINUM HOUSING

FOLD-OUT STAND, HOLE
FOR TRIPOD AND MAGNET
FOR FLEXIBLE MOUNTING

AF8R Work
Made in China

☼ 4000 lm[1] —
🕐 14 h[1] —

PRODUCT VIDEO

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

[1-11] Information on page 92

AREA LIGHTS

LED

〜 Light Functions

☀ Luminous Flux[1] (lm)

🕐 Run Time[1] (h)

K Color Temperatur (K)

CRI 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)

g Gewicht inkl. Batterien (g / oz)

TECHNOLOGIES

Multi-Concentrated Light

Reduced Peripheral Glare

Hybrid Power

K Tunable White

More Features

PACKAGING

Item no. Hard Case / GTIN (international)

Item no. Hard Case / GTIN (Schweiz)

Content Hard Case

OPTIONAL ACCESSORIES

AF**2R** WORK | AF**4R** WORK | AF**8R** WORK

AF**2R** WORK	AF**4R** WORK	AF**8R** WORK
5 Brightness Levels, (Red Light with 2 Brightness Levels and Flash Light Mode)	5 Brightness Levels	5 Brightness Levels
1000 / 700 / 500 / 200 / 50	2000 / 1500 / 1000 / 500 / 200	4000 / 3200 / 2300 / 1600 / 500
1.75 / 2 / 4.5 / 9 / 35	2 / 3 / 4 / 9 / 20	1.5 / 2.25 / 3.25 / 5 / 14
6500	3000-6500 (5-stage adjustable)	3000-6500 (5-stage adjustable)
≥ 80	≥ 80	≥ 80
Li-ion Battery (internal)	Li-ion Battery (internal)	Li-ion Battery (internal)
17.8 / 4800	33.8 / 4700	50.8 / 4700
Yes	Yes	Yes
390	360	360
IP54	IP67	IP67
248 / 38 / 46	266 / 119 / 44	275 / 179 / 41
332 / 11.7	1370 / 48.3	1870 / 65.9
	●	●
	●	●
	●	●
	●	●
Temperature Control, Red Light, Charge Indicator, Battery Indicator, Transportation Lock, Dimmable, Magnet	Temperature Control, Cooling Technology, Charge Indicator, Battery Indicator, Transportation Lock, Dimmable, Memory Function, Magnet, Runtime Indicator	Temperature Control, Cooling Technology, Charge Indicator, Battery Indicator, Transportation Lock, Dimmable, Memory Function, Magnet, Runtime Indicator
502921 / 4058205033381	502910 / 4058205033053	502911 / 4058205033084
–	503077 / 4058205036290	503078 / 4058205036313
USB Cable, Pouch, Velcro Tape	USB-C Charging Cable, Power Supply with Cable (50W), Diffuser	USB-C Charging Cable, Power Supply with Cable (50W), Diffuser
	503018 Controller	503018 Controller
	503016 Extension cable 5 m	503016 Extension cable 5 m
	503212 Tripod	503212 Tripod
	503230 Double tripod mount	503230 Double tripod mount

AREA LIGHTS

LED
- ᴧᴧᴧᴧ Light Functions
- ☼ Luminous Flux[1] (lm)
- ◷ Run Time[1] (h)
- 🔲K 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
- Weitere Features

PACKAGING
Item no. Hard Case / GTIN (international)

Item no. Hard Case / GTIN (Schweiz)

Content Hard Case

OPTIONAL ACCESSORIES

	AT10C WORK	AF12R WORK	AF12C WORK
Brightness Levels	5 Brightness Levels	5 Brightness Levels	5 Brightness Levels
	5000 / 4000 / 2750 / 1600 / 500	8000 / 6500 / 4500 / 2400 / 850	8000 / 6500 / 4500 / 2400 / 850
	–	1 / 1.5 / 2 / 4.5 / 12.5	–
	3000–6500 (5-stage adjustable)	3000–6500 (5-stage adjustable)	3000–6500 (5-stage adjustable)
	≥ 80	≥ 80	≥ 80
	Mains operation only	Li-ion Battery (internal)	Mains operation only
	–	7.2 / 4700	–
	No	Yes	No
	–	360	–
	IP67	IP67	IP67
	373 / 106 / 41	382 x 214 x 41	382 x 214 x 41
	1365 / 48.1	2590 / 91.4	2265 / 79.9
	●	●	●
	●	●	●
		●	
	●	●	●
	Temperature Control, Cooling Technology, Memory Function	Temperature Control, Cooling Technology, Charge Indicator, Battery Indicator, Transportation Lock, Dimmable, Memory Function, Runtime Indicator	Temperature Control, Cooling Technology, Dimmable, Memory Function
	502916 / 4058205033237	502913 / 4058205033145	502914 / 4058205033176
	503081 / 4058205036375	503079 / 4058205036337	503080 / 4058205036351
	Power Supply with Cable (50W), Diffuser, Velcro Tape	USB-C Charging Cable, Power Supply with Cable (100W), Diffuser	Power Supply with Cable (100W), Diffuser
	503018 Controller	503018 Controller	503018 Controller
	503016 Extension cable 5 m	503016 Extension cable 5 m	503016 Extension cable 5 m
		503212 Tripod	503212 Tripod
		503230 Double tripod mount	503230 Double tripod mount

WORKLIGHTS

W-SERIES

W7R WORK

USB TYPE-C

$-\!\!\!\bigcirc\!\!\!-$ 600 lm[1]

🕐 5 h[1]

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

W-SERIES WORK

W**1R** 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)

🌡K Color Temperature (K)

CRI 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

OPIONAL ACCESSORIES

W**1R** WORK | W**2** WORK | W**2R** WORK

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

W-SERIES WORK

PRODUCT VIDEO

PRODUCT VIDEO

		W4R WORK	W5R WORK
LED			
⌂	LED Configuration	1x COB LED (Flood), 1x High Power LED (Spot)	1x COB LED (Flood), 1x Xtreme LED (Spot)
ⅢⅢ	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
🌡K	Color Temperature (K)	6000 - 7500	6000 - 7500
CRI	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
OPIONAL ACCESSORIES			
		502929 USB-C Adapter 20W	502929 USB-C Adapter 20W

W6R WORK

W7R WORK

W6R WORK	W7R WORK
1x COB LED (Flood), 1x High Power LED (Spot)	1x COB LED (Flood), 1x UV Light (365 nm)
Power / Low Power	Power / Low Power
500 / 220	600 / 220
2 / 6	2 / 5
120	–
10	–
6000 – 7500	4000 – 7500 (stepless adjustable)
80	80
Li-ion Battery 3.7V (internal)	Li-ion Battery 3.7V (internal)
9.3 / 2500	9.3 / 2500
Yes	Yes
210	210
IP54	IP54
31 / 143 / 45	31 / 143 / 45
180 / 6.4	180 / 6.4
• 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
502736 / 4058205030533	502737 / 4058205030564
USB-C Charging Cable	USB-C Charging Cable
502929 USB-C Adapter 20W	502929 USB-C Adapter 20W

INTRINSICALLY SAFE LIGHTS

FOR
EXPLOSIVE
WORKING
AREAS

Ɛx

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 frequentlypresent (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

Ex

IECEx ™

WE OFFER THE BEST LIGHT FOR EVERY ENVIRONMENT:

* Depending on the gases and/or dusts present.

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.

Zone 2/22

Zone 1/21

Zone 0/20

Zone 0/20

ZONE 0/20
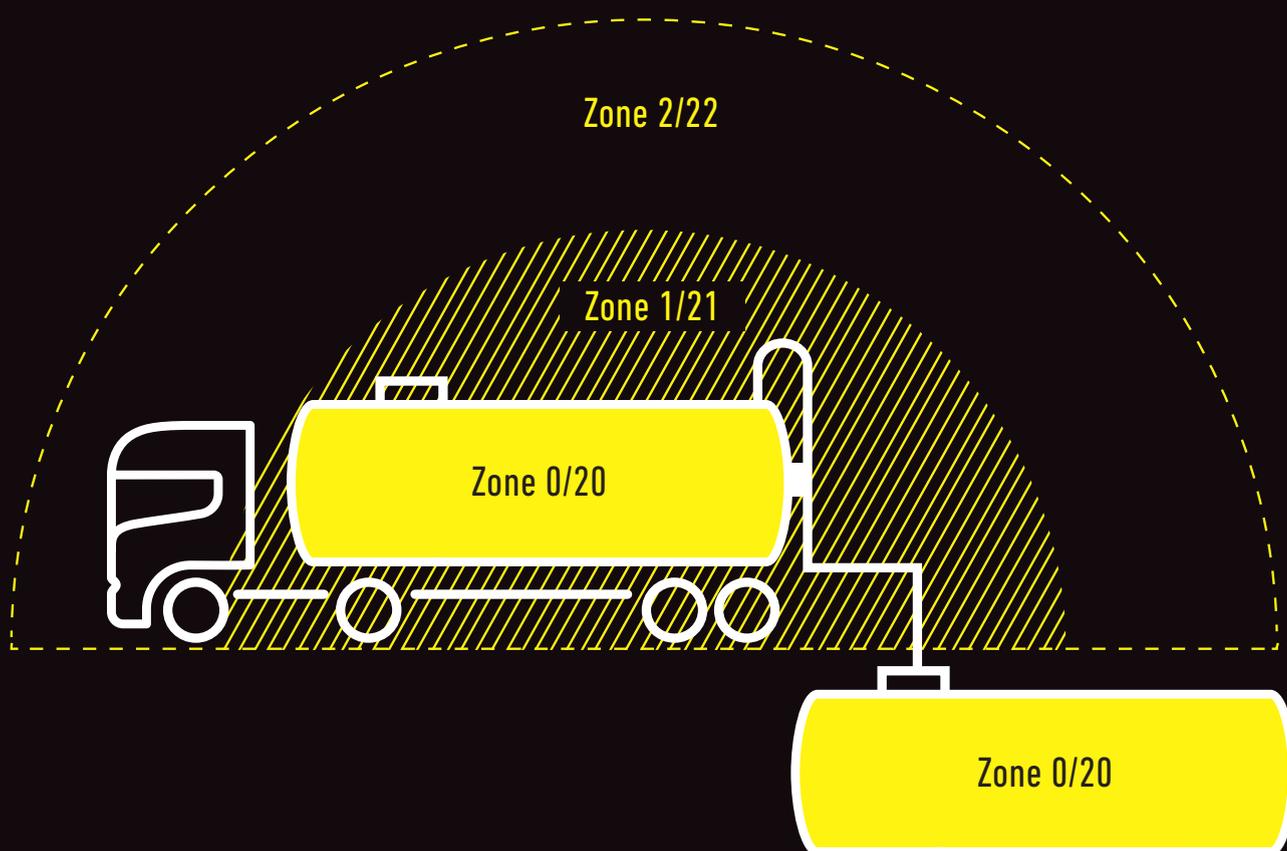
A place in which an explosive atmosphere consisting of a mixture with air of dangerous substances in the form of gas, vapor or a cloud of combustible dust is **continuously present** for long periods or frequently (e. g. in gas tanks or grain elevators).

ZONE 1/21

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

ZONE 2/22

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.**

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

ORIGINAL SIZE

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

Ex ZONE 0/21

EXC7R

EXC6R

SIZE COMPARISON

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

EXC6R ZONE 0/21

EXC7R ZONE 0/21

		EXC6R	EXC7R
LED			
⌂	LED Configuration	2x Power LED	3x Power LED
⑪⑪⑪	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
⑫	Rechargeable	Yes	Yes
⑬	Charging Time[5] (min)	210	450
☁	IP Level	IP68	IP68
SIZE AND WEIGHT			
◎	Width (mm)	69	87
↗	Hight (mm)	138	187
⑨	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
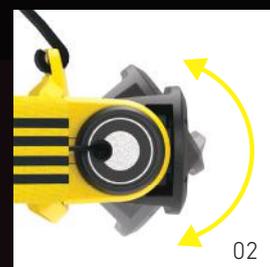
EX**H6R**

EXH6R   **EXH8**

EXH6R	EXH8
2x Power LED	1x Power LED
Spot + Flood Power / Spot Power / Flood Power / Spot Low Power	Power / Low Power
250 / 180 / 100 / 50	180 / 50
170 / 140 / 90 / 30	120 / 65
3 / 4 / 10 / 15	15 / 40
1x Li-ion Battery Pack 3.7V	3x Mignon (AA) Alkaline 1.5V
7.03 / 1900	–
Yes	No
210	–
IP68	IP66 and IP68
56	41
–	
330 / 11.64	345 / 12.2
Magnetic Switch, Transportation Lock , Backup Mode, Battery Indicator, Charge Indicator, Low Battery Warning	Advanced Focus System, Rear Light, Magnetic Switch, Rotary Switch
0/21	0/20
IIA,IIB,IIC	IIA,IIB,IIC
IIIA,IIIB,IIIC	IIIA,IIIB,IIIC
T4/T135°C	T4/T$_{200}$135°C
502041 / 4058205016605	501017 / 4058205007412
Adaptor Cable, Charging Station, Power Adapter	1 Battery Pack, Battery Cartridge
501595 Silicone Headband	501595 Silicone Headband

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)

[1-11] Information on page 92

EX**7R**

220 lm[1] ☼
140 m[1] ⊏⯈
45 h[1] ⏲

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

02

04

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   EX7   EX7R

	EX4	EX7	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/T135°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

PORTABLE ENERGY
FLEX-SERIES

FLEX-SERIES

▶ **FOR 21700 BATTERIES**

TECHNICAL SPECS	FLEX**5** Powerbank+	FLEX**10** 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 Capacity² (Wh / mAh)	16.65 / 4500	33.30 / 9000
IP Level	IP65	IP65
Rechargeable	Yes	Yes
Charging Time⁵ (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	1. Powerbank with replaceable battery
	2. IP65 – water and dust protection	2. IP65 – water and dust protection
	3. Battery Charger (up to 30 % shorter charging time)	3. Battery Charger (up to 30 % shorter charging time)
	4. Safe Battery Storage	4. Safe Battery Storage
	5. Double protection against short circuit (box and battery)	5. Double protection against short circuit (box and battery)
	6. Battery Charge Indicator	6. Battery Charge Indicator for both batteries
MATCHES		
	P7R, P7R Pro, H7R Core, P9R Core LEP	P7R, P7R Pro, H7R Core, 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
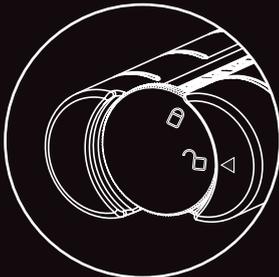
Locking wheel for
maximum reliability

100%	● ● ● ●
75%	● ● ●
50%	● ●
25%	●
0%	

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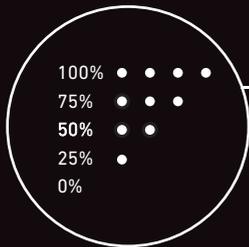
Separate charge
level indicators

Water and dust
protection IP65/
special USB ports

TRAVEL

READY
TO USE

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 swop 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

(USB Type-A to Type-C) Micro-USB cable included

ACCESSORIES

FLASHLIGHTS

Item no.	PRODUCT NAME	P2R	P3	P3R	P4	P4R	P5	P5R
0333	Pouch Type A						●	●
0337	Pouch Type D	●	●	●				
502249	Lamp Adapter Type B							●
0040	Signal Cone 37mm						●	
502239	Color Filter Set 29.5mm							●
0317	Intelligent Clip Type C						●	
0323	Tactical Professional Holster Type B						●	
0362	Universal Mounting System		●	●	●	●	●	●
502929	USB-C Adapter 20W	●		●		●		●
503242	14500 Li-Ion Rechargeable Battery							●

FLASHLIGHTS

Item no.	PRODUCT NAME	P5R Pro	P6R	P7	P7R	P7R Pro	P18R	P21R
0333	Pouch Type A	●		●				
0342	Pouch Type G		●		●			
502268	Pouch Type O					●		
502269	Leather Pouch Type D		●		●	●		
502249	Lamp Adapter Type B	●						
502250	Lamp Adapter Type C		●		●	●		
502251	Lamp Adapter Type D							
502237	Signal Cone 35.1mm		●		●	●		
0040	Signal Cone 37mm			●				
502239	Color Filter Set 29.5mm	●						
502238	Color Filter Set 35.1mm		●		●	●		
501507	Color Filter Blue 85.5mm						●	
501508	Color Filter Red 85.5mm						●	
501510	Color Filter Yellow 85.5mm						●	
0320	Roll Protection Ring 29.5 mm			●				
0317	Intelligent Clip Type C			●				
0323	Tactical Professional Holster Type B			●	●	●		
501033	Magnetic Mount		●	●	●	●		
0362	Universal Mounting System	●	●	●	●	●		
502929	USB-C Adapter 20W	●	●		●	●	●	●
503242	14500 Li-Ion Rechargeable Battery	●						
503241	18650 Li-Ion rechargeable Battery		●					
503240	21700 Li-Ion rechargeable Battery				●	●		

FLASHLIGHTS

Item no.	PRODUCT NAME	TT3R
0362	Universal Mounting System	●
503188	Picatinny Rail Mount A	●
503193	Tactical Professional Holster	●
503192	Finger Ring Type B	●
503190	Recoil Ring Type B	●
503197	Remote Switch Type I	●
503240	21700 Li-Ion rech. Battery	●

Item no.	PRODUCT NAME	P9R Core LEP
0362	Universal Mounting System	●
02268	Pouch Type O	●
502251	Lamp Adapter Type D	●
501033	Magnetic Mount	●
50292	USB-C Adapter 20W	●
501001	18650 Li-Ion rechargeable Battery	●

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®8 2x 21700 Batterybox					●	
502511	Powerbank Flex5					●	
502127	Powerbank Flex10					●	
502262	21700 Li-ion rechargeable battery 4800mAh					●	

AREA LIGHTS

Item no.	PRODUCT NAME	AL10R	AF4R	AF8R	AT10C	AF12R	AF12C
503016	Extension Cable 5 m	●	●	●	●	●	●
503018	Controller	●	●	●	●	●	●
502929	USB-C Adapter 20W		●	●		●	
503212	Tripod	●	●	●		●	●
503230	Double tripod mount	●	●	●		●	●

LEDLENSER TECHNOLOGY ALPHABET

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:

ONE-TOUCH FOCUS

NEW

Adjusting the focus of your lamp has never been easier: With a simple touch of your thumb, you can access the One-Touch Focus and single-handedly adjust the light beam to your needs, from homogeneous floodlight for close-up illumination to powerful spotlight for far-range vision.

MODE SELECT RING

NEW

Intuitive control, that is what the Mode Select Ring is all about. Designed to make your life easier, this feature allows you to effortlessly switch between different light modes, the transport lock and USB-C charging port.

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.
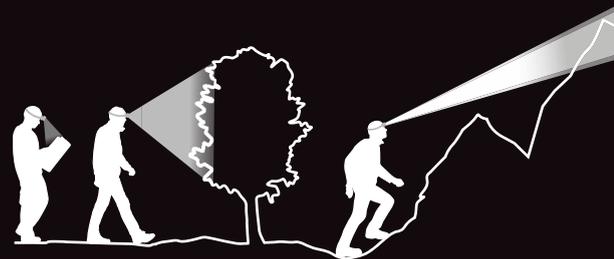
ADVANCED FOCUS SYSTEM (AFS)

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 Advanced Focus System (AFS), which allows a seamless transition from homogeneous low beam to sharply focused high beam.
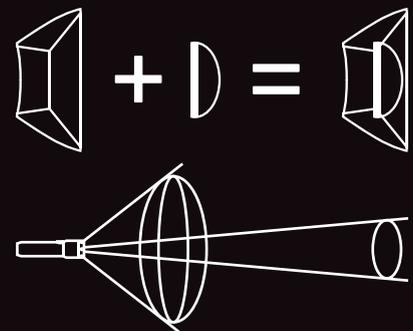
COOLING TECHNOLOGY

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.

AIRFLOW DIRECTION
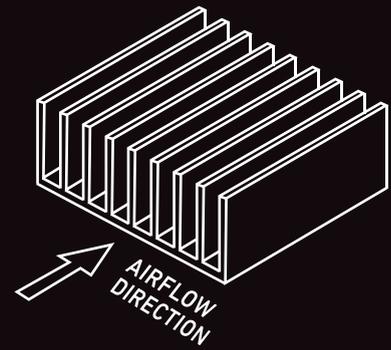
DIGITAL ADVANCED FOCUS SYSTEM

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.
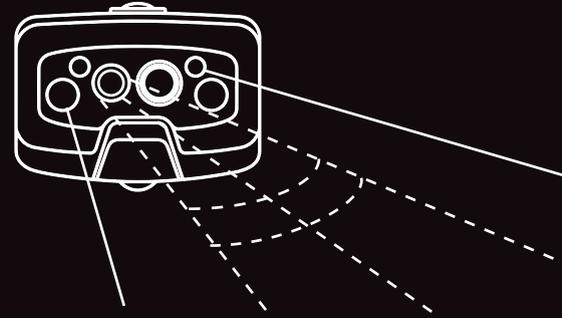
DUAL POWER SOURCE

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. You can therefore choose between the rechargeable Ledlenser battery or a disposable battery. Extremely practical for long trips without a power point.

LEDLENSER RECHARGEABLE BATTERY

ONE-WAY BATTERY

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.
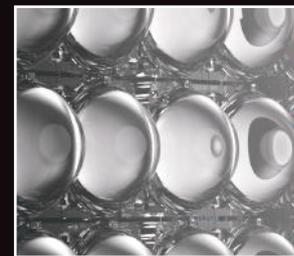
FLEX SEALING TECHNOLOGY

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.

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. This way, you stay flexible and your products have an almost unlimited runtime.

LASER EXCITED PHOSPHOR TECHNOLOGY

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.
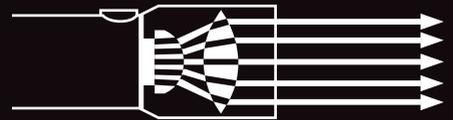
MICRO PRISM TECHNOLOGY

Our innovative lens technology features an optical microstructure, which provides both glare-free light distribution and high efficiency at the same time. It ensures a downward beam that is up to three times stronger than conventional scattered light lenses and therefore provides optimal light distribution in the room, regardless of whether the light sits on a table or hangs from the ceiling.

MULTI-CONCENTRATED LIGHT

The Multi-Concentrated Light technology efficiently directs the light to where you need it the most – with less energy input[9] 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 output[11] as well as a reduced and sustainable use of energy.

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.
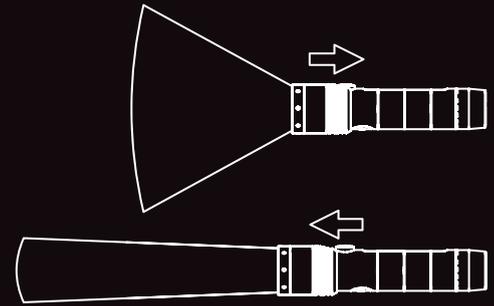

[1-11] Information on page 92

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.

REDUCED PERIPHERAL GLARE

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.
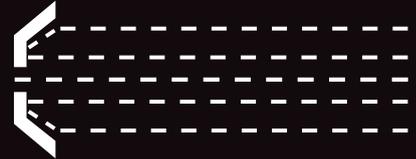
SAFETY YTRION CELL

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.

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.

TUNABLE WHITE

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

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.

SUSTAINABILITY IS ROOTED IN OUR DNA

At Ledlenser, sustainability is not just another area of focus – it is deeply embedded in our DNA. As a manufacturer of high-quality lighting solutions, we view sustainable thinking and action – ecological, social, and economic – as core elements of our corporate identity. Our products are built to be durable, efficient, and reliable – values we strive to reflect across all our processes. We continuously test and optimize our materials, supply chains, and production methods to measurably reduce our ecological footprint and to conserve resources in a purposeful and targeted way.

OUR PRODUCTS: By using only the highest-quality materials and a modular design, we ensure our products are exceptionally durable. To extend their lifespan, we provide outstanding customer service and a 7-year warranty with online registration.

PACKAGING: Over the years, our packaging has become increasingly sustainable. It is now entirely plastic-free and made from FSC mix-certified paper and cardboard. We've also reduced its size to minimize material usage and lower emissions. Additionally, our shipping boxes are made from grass-based materials.

GREEN ENERGY: We use 100% renewable electricity at both our headquarters in Solingen and our production facility in Yangjiang, China. In Solingen, we also rely on 100% biogas. Furthermore, we've installed photovoltaic systems at both locations.

IMPACT PROGRESS
REPORT 2024

LIGHT FOR A
BRIGHT FUTURE

At Ledlenser, we believe in the power of light. It guides your way, ensures safety, and opens new perspectives. But our mission goes beyond creating powerful technology and innovative designs – we are equally committed to protecting the environment.

DURABLE PRODUCTS AND BRILLIANT CUSTOMER SERVICE TO EXTEND PRODUCT LIFETIME

100% CARDBOARD AND RECYCLED MATERIALS PACKAGING

GRASS-BASED SHIPPING BOXES

100% RENEWABLE GAS AND ELECTRICITY

POWERFUL PHOTOVOLTAIC SYSTEMS

MORE THAN 20 YEARS OF EXPERTISE IN LIGHTING SOLUTIONS

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 Advanced Focus System
› 7-year warranty[4] 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 600 employees worldwide
› Company-owned offices in Germany, the USA, Japan, Denmark, the UK, Italy, France and China; direct sales in numerous other countries
› Worldwide collaboration with more than 45 master distributors

OUR FACTORY IN CHINA

To ensure that bright ideas see the light of day, we've clearly divided up our tasks: "Engineered in Germany, produced in China." Our 100 % company-owned Yangjiang location reflects our concentrated production competence. Here, we manufacture our products and test them from prototype to large-scale production.

The quality assurance checklist contains 24 items including: Endurance, extreme temperatures, water, salt, blows, pressure – it is all inspected and tested until the products are perfect.

QUALITY

GERMAN ENGINEERING & DESIGN

"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

(7) YEAR WARRANTY [4]

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-ZERTIFIZIERUNG

Management System
ISO 9001:2015
ISO 14001:2015
ISO 50001:2018

www.tuv.com
ID 9108640713

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

Qualitätsmanagement: DIN EN ISO 9001:2015
Umweltmanagement: DIN EN ISO 14001:2015
Energiemanagement: DIN EN ISO 50001:2018

[1-11] Information on page 92

NOTES

Any information on the scope of delivery, appearance, performance, dimensions and weight corresponds to the information available at the time of publication. In the interest of product development, we reserve the right to make minor changes to the design, color, or technical details, provided these do not significantly impair the functionality and value of the product and are reasinable for the customer. Product images may vary from the actual products and may show optional accessories which can be purchased separately. Errors and misprints excepted, provided they do not affect essential parts of the contract.

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) Seven-year warranty period only if the product is registered online on our website within 12 weeks of the purchase date, otherwise two years. 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, engravings and surface coatings. The warrantor is Ledlenser GmbH & Co. KG, Kronenstr. 5-7, 42699 Solingen, Germany. For more information, visit ledlenser. com/warranty

5) Average charging tim eof the batteries invluded in the delivery state in minutes, may vary depending on the power supply used.

6) All aluminium components are made from at least 75% recycled aluminium and may vary in surface texture and color.

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) EP-Patent 3717826

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

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

LEDLENSER