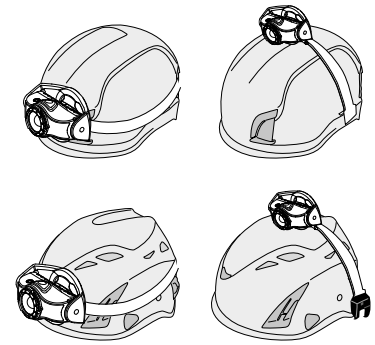




WLA00001



## Technology

The compact and powerful KL-1 features a Mounting System to convert it from headlamp to multi-purpose lamp in just a few steps. Power with the included rechargeable battery or regular AA alkaline battery. The light cone and lighting range can be adjusted to different conditions. You can mount the lamp on helmets via the head strap or the included overhead band which allows fitting also with hearing protection or visors.

- Two battery types (Li-ion or AA) combine the benefits of rechargeable and disposable batteries
- Innovative Mounting System allows for easy placement and removal of the lamp head for maximum flexibility
- Numerous fastening options thanks to the metal clip on the outside of the lamp
- Advanced Focus System for easy, intuitive adjustment of the light beam
- Compact, lightweight housing (98 g) with impressive lumen output
- Helmet mounting options: head strap, overhead helmet mounting kit

### Technical Data

Head diameter [mm]	31
Weight incl. batteries [g]	98
Weight without batteries [g]	76
Focus function	Yes
Head material	PC
Tube material	PC + ABS
Optic	Plastic lense (PMMA)
Headband material	Elastic fabric
Headband type	Side headband
Head movement type	Stepless movement
Head movement angle [°]	60
Headband specifications	Detachable, Elastic, Washable

### Power Supply

Power source type	Rechargeable battery included - or 1x AA
Battery type	Li-ion
Battery description	1* 14500 3.7V Battery included
UN number	UN 3481
Energy modes	Energy Saving
Energy status indicator	Battery Indicator, Charge Indicator, Low Battery Warning
Usable batteries	AA Alkaline 1.5V, AA NiMH 1.2V

### Further Specifications

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

### Light Functions

Low Power, Power
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### Light Source

Amount LEDs	1
LED type High Power	LED
Color temperature [K]	6000 to 7500
Color rendering index (CRI)	70

### Light Values

ANSI <sup>1</sup> - Energy saving	Boost	Power	Mid Power	Low Power
Light output [lm]		400		20
Beam distance [m]		180		40
Run time [h]		4		40

### Switch

Front Switch
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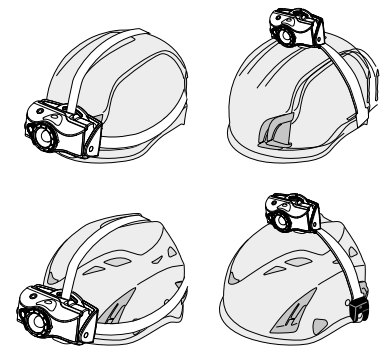
### Technologies

Advanced Focus System, Rapid Focus, Dual Power Source, Magnetic Charge System, Red reading light

1) Measurement values according to ANSI FL1 in the respective setting.



WLA00002



## Technology

The multi-talent for different conditions. Power with the included rechargeable battery or 2xAA alkaline batteries. Two power modes (Constant Light and Energy Saving), a detachable, variable lamp head and different mounting options for helmets for maximum flexibility. The additional Multicolor LED (red, green and blue) round off the equipment.

- Multicolour LEDs in red, green and blue
- Two energy modes (constant light and energy saving) for either especially consistent or energy-saving light
- Two types of batteries (Li-ion or AA) provide the combined benefits of rechargeable and replaceable batteries
- Simple charging of the li-ion battery via magnetic USB cable
- Innovative mounting system allows for simple removal and positioning of the lamp head for maximum flexibility
- Advanced focus system for easy and intuitive adjustment of the light beam
- Helmet mounting options: head strap, overhead helmet mounting kit which allows fitting also with hearing protection or visors.

### Technical Data

Head diameter [mm]	31
Weight incl. batteries [g]	139
Weight without batteries [g]	98
Focus function	Yes
Head material	PC
Tube material	PC + ABS
Optic	Plastic lense (PMMA)
Headband material	Elastic fabric
Headband type	Side overhead headband
Head movement type	Stepless movement
Head movement angle [°]	50
Headband specifications	Detachable, Elastic, Washable

### Power Supply

Power source type	Rechargeable battery or 2xAA
Battery type	Li-ion
Battery description	2*14500 3.7V Battery Pack included
Rechargeable	Yes
UN number	UN 3481
Energy modes	Constant Light, Energy Saving
Energy status indicator	Battery Indicator, Charge Indicator, Low Battery Warning
Usable batteries	AA Alkaline 1.5V, AA NiMH 1.2V

### Switch

Front Switch

### Further Specifications

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

### Light Functions

Low Power, Mid Power, Power, Boost, Blink

### Light Source

Amount LEDs	1
LED type High Power	Xtreme LED
Color temperature [K]	6000 to 7500
Color rendering index (CRI)	70

### Light Values

ANSI <sup>1</sup> - Constant light	Boost	Power	Mid Power	Low Power
Light output [lm]	600	220	120	20
Beam distance [m]	200	140	100	40
Run time [h]		3.5	8	40
ANSI <sup>1</sup> - Energy saving				
Light output [lm]	600	400	170	20
Beam distance [m]	200	180	120	40
Run time [h]		7	10	60

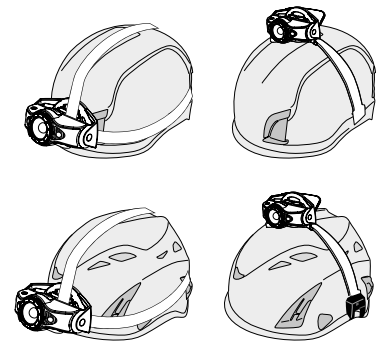
### Technologies

Advanced Focus System, Rapid Focus, Cooling Technology, Dual Power Source, Magnetic Charge System, Transportation lock, Green Light, Blue Light, Red reading light

1) Measurement values according to ANSI FL1 in the respective setting.



WLA00003



## Technology

The powerful KL-3, is this super powerful, extremely flexible headlamp with inside the head strap, overhead helmet mount and other nifty accessories allows a wide range of uses.

- Boost mode: up to 1000 lumen – exactly when you need it
- Bluetooth® smartphone connection via app for personalized settings, timer etc.
- Stepless pivoting mechanism for aligning the light beam down and even up
- Optisense Technology for automatic adjustment to lighting conditions
- Multicolor LED in red, green and blue
- Helmet mounting options: head strap or overhead helmet mounting kit which allows fitting also with hearing protection or visors.

### Technical Data

Head diameter [mm]	39.6
Weight incl. batteries [g]	179
Weight without batteries [g]	131
Focus function	Yes
Head material	ABS
Tube material	PC + ABS
Optic	Plastic lense (PMMA)
Headband material	Elastic fabric
Headband type	Side overhead headband
Head movement type	Stepless movement
Head movement angle [°]	120
Headband specifications	Detachable, Elastic, Washable

### Power Supply

Power source type	Rechargeable battery
Battery quantity	1
Battery type	Li-ion
Battery description	1* 18650 3.6V Battery included
UN number	UN 3481
Energy modes	Constant Light, Energy Saving
Energy status indicator	Battery Indicator, Charge Indicator, Low Battery Warning

### Further Specifications

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

### Light Functions

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

### Light Source

Amount LEDs	1
LED type High Power	Xtreme LED
Color temperature [K]	6000 to 7500
Color rendering index (CRI)	70

### Light Values

ANSI <sup>1</sup> - Energy saving	Boost	Power	Mid Power	Low Power
Light output [lm]	1000	750	300	10
Beam distance [m]	320	300	200	30
Run time [h]		4	8	100

### Switch

Front Switch

### Technologies

Advanced Focus System, Emergency Light, Optisense Technology, Temperature Control System, Cooling Technology, Magnetic Charge System, Dimmable, Transportation lock, Bluetooth®, Green Light, Blue Light, Red reading light

1) Measurement values according to ANSI FL1 in the respective setting.