

Quality Competence Know-How



AccuLux

We Provide Light!



www.acculux.de

The Company



Witte + Sutor GmbH is a technological leader and innovator for development of rechargeable lighting. Around the world the AccuLux brand guarantees quality, exemplary design, technical perfection and absolute safety.

At the same time, the ThermoLux brand stands for our “green product range” which includes heating mats for plants, aquaria, terraria, hearing-aid drying-cushions, thermal feet mats as well as our KeimFix seed culture equipment.

In 1955 AccuLux already set standards for environmentally friendly lighting by developing the world's first rechargeable torch. Our model Original 70 won a gold medal at the Brussels world exhibition in 1958.

In 2000 we developed the first high-tech work and emergency lamp. Since then we have focused on the further development of the LED technology. We designed the first rechargeable LED torches – LED 2000 and Multi LED – an LED otoscope for medical applications as well as batterypowered LED lamps. Today, our product range includes more than 100 patented articles.

AccuLux essentially develops and manufactures its articles itself. We have been adhering to this tradition for more than 60 years and today it is supplemented by a quality management system according to DIN ISO 9000.

However, manufacturing of outstanding products is just one part, perfect performance for the benefit of our customers is the other part. To achieve this goal, we have introduced team-based-organisation during the past few years. Your AccuLux contact partners will be pleased to provide service and advice promptly, directly and competently.

Witte + Sutor GmbH, located in Murrhardt, Germany, benefits from the typical advantages of a medium-sized company, such as: high flexibility, innovative strength and lean structure, which allows prompt decision making. Additionally, our cooperation with well known institutes leads to a steady increase in know-how.

AccuLux stands for quality, competence and know-how. The company's essential goal is: “Better light for a better quality of life!”

Thank you for your confidence in our company.



Waldemar Witte
Managing Director



Milestones

The 50ies:

Successful development of the world's first rechargeable lamp “Original 70”, which won AccuLux a gold medal at the Brussels world exhibition.

In 2000:

Manufacture of a microproces-sor controlled work and emergency lamp.

In 2005:

Launch of the energy saving and extremely bright LED design lamp MegaLux 3 Watt LED.

The 60ies:

Production of a rechargeable lamp with solar cells.

In 2001:

Development of the first rechar-geable AccuLux LED otoscope set

In 2006:

Introd. of the bright and powerful AutoLux LED, which is always ready for use because it can be charged at a car cigarette lighter.

The 70/80ies:

Manufacture of the rechargeable PowerLux halogen lamp and market introduction of “Starlet”, the world's smallest rechargeable lamp at that time.

In 2002:

Further development of the LED technology, launch of Multi LED, a rechargeable lamp with four LEDs and four lenses for focusing of light.

In 2007:

Market introduction of the ATEX approved AccuLux EX SLE 15, work and emergency lamp for usage in gas and dust explosion-prone areas of the EX-Zones 1, 2, 21 and 22

The 90ies:

Successful development LED 2000, the world's first rechargeable LED lamp.

In 2004:

Development of Joker LED, Colibri LED and the new AccuPack 2D, which replaces two D-size cells and can be plugged directly, without an adapter, to a power socket for charging.

In 2008 up to 2010:

Market launch of:
3W-Torches: PetaLux
Work lamps: SL5, SL5 LED, SL6 LED
Explosion proof lamps: HL 25 EX, Four LED EX und HL 10 EX


Product Overview

Short-Distance Range

4-13

Long-Distance Range

14-25

Explosion-Proof Lamps 

26-33

Work and Emergency Lamps

34-47

Battery-Powered Lamps and Special Products

48-53

Spare Parts and Accessories

54-57

Witte + Sutor GmbH

Steinberger Straße 6 · 71540 Murrhardt, Germany
Phone +49 (0)7192 92 92 0 · Fax +49 (0)7192 92 92 50
www.acculux.de · info@acculux.de

AutoLux LED Type 4990...

Always charged and ready for use!
Rechargeable torch for charging at a vehicle cigarette lighter

Description

AutoLux LED by AccuLux is a rechargeable compact LED torch for charging at a 12 V or 24 V vehicle power system. The casing consists of robust and impact-resistant plastics.

The lamp can be recharged up to 1 000 times. The built-in, environmentally friendly NiMH battery does not show a memory effect, can be charged continuously and is protected against total discharge by the intelligent charger circuit. The lens optics computed by a specialised institute guarantees pre-focussed, daylight-like lighting with proper definition and uniformity of the beam. Reaching a operating time of approx. 60 minutes at constant brightness and a service life of the LED lamp of up to 100 000 hours (based on manufacturer information), AutoLux LED is the leader in that category.

Special Features

- Always at hand, placed in the vehicle cigarette lighter
- Extremely light-weight (35 g)
- Environmentally friendly, rechargeable at a cigarette lighter
- NiMH rechargeable battery, up to 1 000 charges, no memory effect
- Virtually unwilthd service life of the LED lamp of up to 100 000 hours
- Pre-focused light due to lens optics computed by a specialised institute
- operating time approx. 60 minutes constant bright, several hours declining

Included in Delivery

- 1 AutoLux LED lamp



Fig. 4: Included in delivery AutoLux LED, Type 4990...



Fig. 1: Lamp AutoLux LED, Type 4990...



Fig. 2 and 3: AutoLux LED hand lamp, Type 4990... rechargeable in vehicle cigarette lighter

Dimensions

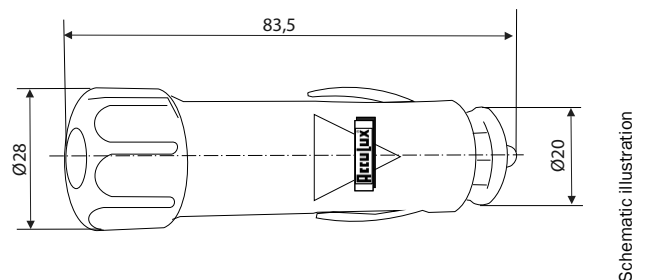


Fig 5: Dimensions AutoLux LED, Type 4990...

Schematic illustration

Rechargeable LED Torch

Technical Data

Article No. (see ordering code)	4990...
Casing material	plastics (impact resistant)
Bulb	Nichia LED 5 mm
Operating time	approx. 60 min (constant bright)
Light intensity	approx. 30 000 mcd
Beam range	short-distance
Rechargeable battery	NiMH 4,8 V/20 mAh
Charging time	approx. 15 h
Charging voltage	12 V/24 V DC
Weight	35 g
Dimensions in mm	83,5x28x20

Applications

- Car (ideal for reading of maps, indispensable aid in case of break-down)
- Household
- Sports and leisure activities
- Ideal as a promotional gift, may carry a company logo (special colours are available on request)

Ordering Code

Model AutoLux LED

Type 4990



Colour

Black (sw)



8

Package

Blister package (BV)

2

Example of ordering key

499082

Model AutoLux LED, Type 4990, black (sw): 8,
with blister package (BV): 2



Joker LED Type 4082...

**Smallest rechargeable battery torch
with very bright and lens-focused light**

Description

The AccuLux Joker LED, for charging at 230 V, is the smallest and most compact (rechargeable by plug) LED-torch on the market. The casing consists of robust and impact-resistant plastics.

The lamp can be recharged up to 1 000 times. The built-in, environmentally friendly NiMH battery does not show any memory effect, can be charged continuously and is protected against total discharge by the intelligent charger circuit. The lens optics computed by a specialised institute guarantees pre-focused, daylight-like lighting with proper definition and uniformity of the beam. Reaching a operating time of approx. 60 minutes at constant brightness and a service life of the LED lamp of up to 100 000 hours (based on manufacturer information), it is meant for universal long-term application.



Fig. 1: Lamp Joker LED, Type 4082...



Fig. 2: Lamp Joker LED, Type 4082... in the colours orange (or) and black (sw)

Special Features

- Extremely light-weight (36 g)
- Extremely impact-resistant
- Environmentally friendly
- NiMH rechargeable battery, up to 1 000 charges, no memory effect
- Virtually unliwited service life of the LED lamp of up to 100 000 hours
- Pre-focused light due to lens optics computed by a specialised institute
- Operating time approx. 60 minutes at constant brightness bright, several hours declining



Fig. 3: Small and compact LED torch light, Joker LED Type 4082...

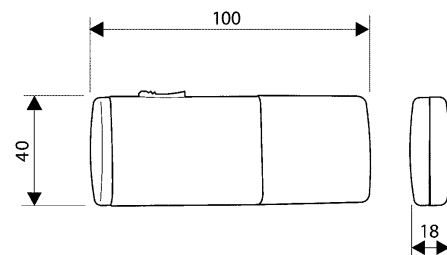
Included in Delivery

- 1 Joker LED lamp
- 2 Cap
- 3 Integrated power plug



Fig. 4: Included in delivery Joker LED, Type 4082...

Dimensions



Schematic illustration

Fig. 5: Dimensions Joker LED, Type 4082...

Rechargeable LED Torch

Technical Data

Article No. (see ordering code)	4082...
Casing material	plastics (impact resistant)
Bulb	Nichia LED 5 mm
Operating time	approx. 60 min (constant bright)
Light intensity	approx. 30 000 mcd
Beam range	short-distance
Rechargeable battery	NiMH 4,8 V/20 mAh
Charging time (when battery is depl.)	approx. 15 h
Charging voltage	120 V/230 V AC 50/60 Hz
Weight	36 g
Dimensions in mm	100x40x18

Applications

- Household
- Leisure activities and hobbies
- Outdoor activities
- Car
- Perfect as a promotional gift, may carry a company logo (special colours are available on request)

Ordering Code

Model Joker LED

Type 4082 ☐ ☐

Colour

White (ws)	<input type="checkbox"/>	1
Orange (or)	<input type="checkbox"/>	3
Black (sw)	<input type="checkbox"/>	8

Package

Folding box (KV)	1
Blister package (BV)	2
Gift package (GV)	3

Example of ordering key

408231

Model Joker LED, Type 4082, orange (or): 3,
with folding box (KV): 1



Original 70 Type 4052...

Rechargeable torch top in light, quality and design

Description

This attractively shaped rechargeable torch, the AccuLux Original 70, is the design successor of the world's first rechargeable torch with state of the art technology. The Original 70 guarantees pre-focused lighting with proper definition and uniformity of the beam. The lamp can be recharged up to 1 000 times. The built-in environmentally friendly NiMH rechargeable battery with no memory-effect can be charged continuously and is protected against total discharge by the intelligent charger circuit. The extremely light-weight casing consists of impact-resistant and robust plastics and the integrated power plug assures flexibility and mobility.



Fig. 1: Lamp Original 70, Type 4052...

Special Features

- Environmentally friendly NiMH rechargeable
- Battery, no memory-effect
- Low energy consumption
- Integrated power plug
- Elegant design, light-weight

Included in Delivery

- 1 Lamp Original 70
- 2 Cap
- 3 Integrated power plug

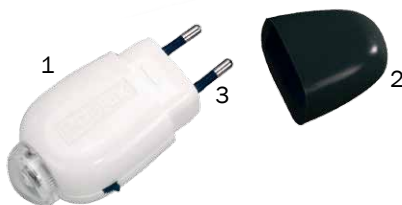
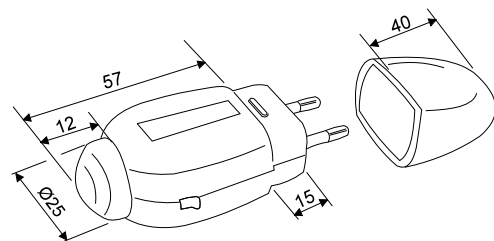


Fig. 2: Included in delivery Original 70, Type 4052...

Dimensions



Schematic illustration

Overall length of closed lamp: 97 mm

Fig. 3: Dimensions Original 70, Type 4052...

Rechargeable Torch

Technical Data

Article No. (see ordering code)	4052...
Casing material	Plastics (impact resistant)
Bulb	E10 2,2 V/0,25 A
Operating time	approx. 50 min
Luminous flux	5,0 lm
Beam range	Short-distance
Rechargeable battery	NiMH 2,4 V/300 mAh
Charging time (when battery is depl.)	approx. 36 h
Charging voltage	120 V/230 V AC 50/60 Hz
Weight	68 g
Dimensions in mm	97x45x29

Applications

- Jewellery and precision engineering
- Quality control in the technical and textile field
- Coin and stamp collectors
- Doctors
- Home and hobbies

Assembly of the illuminating magnifying glass adapter with six-fold magnification



Accessory

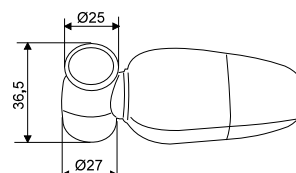
Article No.	Designation
405851	Magnifying glass adapter model AccuLup

Example Accessory



Magnifying glass adapter model AccuLup
Article No.: 405851

The focus-lens may be replaced by a magnifying glass adapter, Model AccuLup, available as an accessory.



Ordering Code

Model Original 70

Type 4052 ☐ ☐

Colour

White (ws) ☐ 1

Package

Folding box (KV) 1

Blister package (BV) 2

Example of ordering key

405211

Model Original 70, Type 4052, white (ws): 1,
with folding box (KV): 1

Spare Parts

Article No.	Designation
405801	Replacement bulb E10, 2,2 V/0,25 A

Additional accessories and spare parts are available on request



LED 2000 Type 4052...

**Rechargeable LED torch with retro design.
Timelessly classic design with state-of-the-art LED technology**

Description

This attractively shaped, powerful rechargeable LED lamp, AccuLux LED 2000, is inspired by the world's first rechargeable torch features state of the art technology. It convinces with its white light emitting diode (daylight-like light), high light-intensity and very low energy consumption. The impact resistant light emitting diode stands out for its virtually unlimited service life. The LED 2000 guarantees pre-focused, daylight-like lighting with proper definition and uniformity of the beam. The lamp can be recharged up to 1 000 times. The built-in, environmentally friendly NiMH battery does not show any memory effect, can be charged continuously and is protected against total discharge by the intelligent charger circuit. The extremely light-weight casing consists of impact-resistant and robust plastics and the integrated power plug ensures flexibility and mobility.



Fig. 1: Lamp LED 2000, Type 40527..., blue version



Fig. 2: Lamp LED 2000, Type 40528..., black version

Special Features

- Environmentally friendly NiMH rechargeable battery, no memory-effect
- High lighting power at low energy consumption
- Long service life
- Integrated power plug
- Elegant design, light-weight
- Lens focus ensures uniformity of lighting
- Long operating time: 3,5 h constant brightness (several hours declining)

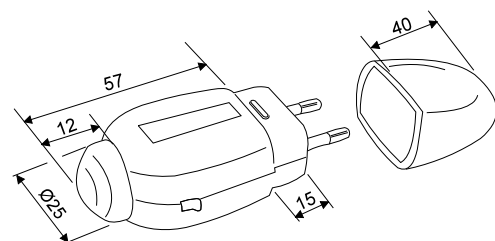
Included in Delivery

- 1 Lamp LED 2000
- 2 Cap
- 3 Integrated power plug



Fig. 3: Included in delivery LED 2000, Type 4052...

Dimensions



Schematic illustration

Overall length of closed lamp: 97 mm

Fig. 4: Dimensions LED 2000, Type 4052...

Rechargeable LED Torch

Technical Data

Article No. (see ordering code)	4052...
Casing material	Plastics (impact resistant)
Bulb	Nichia LED 5 mm
Operating time	3,5 h constant bright, 7 h declining
Light intensity	30 000 mcd
Beam range	Short-distance
Rechargeable battery	NiMH 4,8 V/150 mAh
Charging time (when battery is depl.)	approx. 16 h
Charging voltage	120 V/230 V AC 50/60 Hz
Weight	63 g
Dimensions in mm	97x45x29

Applications

- Jewellery and precision engineering
- Quality control in the technical and textile field
- Coin and stamp collectors
- Doctors
- Home and hobbies

Assembly of the illuminating magnifying glass adapter with six-fold magnification



Accessory

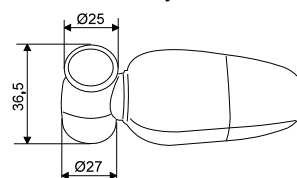
Article No.	Designation
405851	Magnifying glass adapter model AccuLup

Example Accessory



Magnifying glass adapter Model AccuLup
Article No.: 405851

The focus-lens may be replaced by a magnifying glass adapter, Model AccuLup, available as an accessory.



Remarks:

The AccuLux LED light is especially appreciated by doctors. Enflamed tissue is illuminated brightly by the daylight-like light.

Additional accessories and spare parts are available on request

Ordering Code

Model LED 2000

Type 4052 ☐ ☐

Colour

Blue (bl)	<input type="checkbox"/>	7
Black (sw)	<input type="checkbox"/>	8

Package

Folding box (KV)	1
Blister package (BV)	2

Example of ordering key 405281

Model LED 2000, Type 4052, black (sw): 8,
with folding box (KV): 1



Multi LED Type 4132...

**Rechargeable torch for professional use
with 4 LEDs and 4 lenses for light concentration**

Description

This compact, impact resistant rechargeable battery-torch, AccuLux Multi LED provides first-class LED light for up to 12 hours. Thanks to the state-of-art lens optics computed by a specialised institute, four lens-focused white LEDs generate a very bright, uniform beam. The service life of the LED lamp is virtually unlimited, thus no bulb replacement is required anymore. The robust and impact resistant plastic casing is built for rough applications. The Multi LED can be recharged up to 1 000 times and the integrated power plug ensures flexibility and mobility. The environmentally friendly NiMH rechargeable battery does not show any memory effect, can be charged continuously and is protected against total discharge by the intelligent charger circuit. TÜV-tested quality "Made in Germany"!



Fig. 1: Lamp Multi LED, Type 41326..., green



Fig. 2: Lamp Multi LED, Type 41328..., black

Special Features

- Extremely bright, white light
- Impact-resistant plastic casing
- Light-weight and compact
- NiMH rechargeable battery, up to 1 000 charges, no memory effect
- Long service life of the 4 LED lamps
- Long operating time (12 hours)

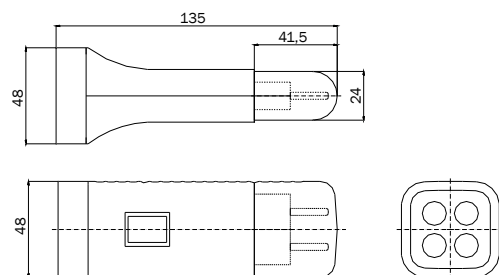
Included in Delivery

- 1 Lamp Multi LED
- 2 Cap
- 3 Integrated power plug



Fig. 3: Included in delivery Multi LED, Type 4132...

Dimensions



Schematic illustration

Fig. 4: Dimensions Multi LED, Type 4132...

Rechargeable LED Torch

Technical Data

Article No. (see ordering code)	4132...
Casing material	Plastics (impact resistant)
Bulb	4x Nichia LED 5 mm
Operating time	approx. 12 h
Light intensity	4x 30 000 mcd
Beam range	approx. 50 m
Rechargeable battery	NiMH 4,8 V/550 mAh
Charging time (when battery is depl.)	approx. 14 h
Charging voltage	120 V/230 V AC 50/60 Hz
Weight	152 g
Dimensions in mm	135x48x48
Inspection seal	TÜV

Applications

- Industry
- Crafts
- Outdoor (e.g. camping etc.)
- Sports and leisure activities
- Workshops
- Car
- Household

Ordering Code

Model Multi LED

Type 4132 ☐ ☐

Colour

Green (gr)		6
Black (sw)		8

Package

Blister package (BV)	2
Gift package (GV) *	3

Example of ordering key

413282

Model Multi LED, Type 4132, black (sw): 8,
with blister package (BV): 2

* Gift package (GV) = neutral white



NovoLux Halogen Type 4202...

**Light-weight rechargeable torch
timeless design with high lighting power**

Description

Reaching a operating time of 60 minutes and a beam range of 350 m, the rechargeable halogen torch, AccuLux NovoLux Halogen, is one of the top-torches of its class – at a reasonable price. The torch possesses a robust, durable plastic casing and can be charged at any socket with the integrated power plug. The environmentally friendly NiMH battery does not show any memory effect, can be charged continuously and is protected against total discharge. The torch ensures flexibility and mobility and can be recharged up to 1 000 times.



Fig. 1: Lamp NovoLux Halogen, Type 4202...

Special Features

- Impact-resistant plastic casing
- Light-weight and compact
- NiMH battery, up to 1 000 charges
- Environmentally friendly
- Pre-focus halogen bulb
- Extremely high lighting power: 350 m beam range
- Great price value

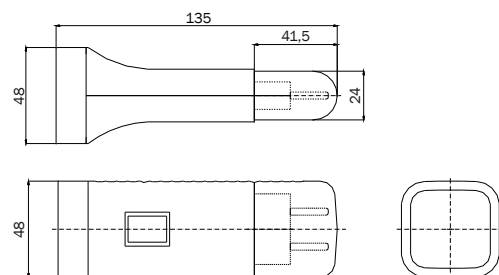
Included in Delivery

- 1 Lamp NovoLux Halogen
- 2 Cap
- 3 Integrated power plug



Fig. 2: Included in delivery NovoLux Halogen, Type 4202...

Dimensions



Schematic illustration

Fig. 3: Dimensions NovoLux Halogen, Type 4202...

Rechargeable Halogen Torch

Technical Data

Article No. (see ordering code)	4202...
Casing material	Plastics (impact resistant)
Bulb	P13,5 s 4,8 V/0,5 A Halogen
Operating time	approx. 60 min
Beam range	approx. 350 m
Rechargeable battery	NiMH 4,8 V/550 mAh
Charging time	approx. 14 h
Weight	138 g
Dimensions in mm	135x48x48

Applications



- Industry
- Crafts
- Outdoor (e.g. camping etc.)
- Sports and leisure activities
- Workshops
- Car
- Household

Ordering Code

Model NovoLux Halogen

Type 4202 ☐ ☐

Colour

Green (gn)		6
Black (sw)		8

Package

Folding box (KV)	1
------------------	---

Spare Parts

Article No.	Designation
420801	Replacement bulb P13,5 s 4,8 V/0,5 A Halogen

Additional accessories and spare parts are available on request

Example of ordering key

420281

Model NovoLux Halogen, Type 4202, black (sw):
8, with folding box (KV): 1

Tourist Halogen Type 4212...

**Very compact rechargeable halogen torch
classic design with high lighting power**

Description

The user-friendly rechargeable halogen lamp, AccuLux Tourist Halogen, consists of two parts, a lamp head and a battery charger with integrated power plug. The built-in, environmentally friendly NiMH battery does not show a memory effect, can be charged continuously and is protected against total discharge by the intelligent charger circuit. The battery charger of the Tourist Halogen can be recharged up to 1 000 times and the integrated power plug ensures flexibility and mobility. The robust plastic casing is built for long-term applications. A replacement battery charger is available as an accessory. Reaching a operating time of 90 minutes and a beam range of 350 m, the Tourist Halogen is one of the top-torches of this category.



Fig. 1: Lamp Tourist Halogen, Type 4212...

Special Features

- Impact-resistant plastic casing
- Light-weight and compact
- NiMH battery, up to 1 000 charges
- Environmentally friendly
- Interchangeable battery charger – no overcharge
- Magnet and carrying loop
- Pre-focus halogen lamp assuring high lighting power

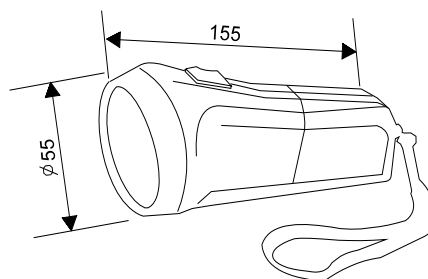
Included in Delivery

- 1 Lamp Tourist Halogen
- 2 Textile carrying loop
- 3 Battery charger (rechargeable battery)



Fig. 2: Included in delivery Tourist Halogen, Type 4212...

Dimensions



Schematic illustration

Fig. 3: Dimensions Tourist Halogen, Type 4212...

Rechargeable Halogen Torch

Technical Data

Article No. (see ordering code)	4212...
Casing material	Plastics (impact resistant)
Bulb	P13,5 s 2,8 V/0,85 A Halogen
Operating time	approx. 90 min
Beam range	approx. 350 m
Rechargeable battery	NiMH 2,4 V/1 200 mAh
Charging time	approx. 25 h (for a long lifetime)
Weight	148 g
Dimensions in mm	150x55x55

Applications

- Industry
- Crafts
- Security services
- Hunting
- Outdoor (e.g. camping)
- Sport, Leisure activities and hobbies

Ordering Code

Model Tourist Halogen

Type 4212 ☐ ☐

Colour

Black (sw)



8

Package

Folding box (KV)

1

Spare Parts

Article No.	Designation
421810	Additional replacement battery charger
421801	Replacement bulb P13,5 s 5,2 V/0,85 A Halogen

Additional accessories and spare parts are available on request

Example of ordering key

421282

Model Tourist Halogen, Type 4212, black (sw): 8,
with folding box (KV): 1

PowerLux Halogen Type 4223...

**Timeless design with high lighting power.
A bestseller for years!**

Description

The user-friendly rechargeable halogen torch, AccuLux PowerLux Halogen, consists of two parts, a lamp head and battery charger with integrated power plug. The built-in, environmentally friendly NiMH battery does not show a memory effect, can be charged continuously and is protected against total discharge by the intelligent charger circuit. The PowerLux battery charger can be recharged up to 1 000 times and the integrated power plug ensures flexibility and mobility. The robust and impact-resistant plastic casing is built for rough applications. A battery charger which can be connected to a vehicle cigarette lighter is available as an accessory. Reaching a operating time of 90 minutes and a beam range of 1 000 m, the PowerLux Halogen is one of the leading halogen lamps in this category. TÜV-tested quality "Made in Germany"!



Fig. 1: Lamp PowerLux Halogen, Type 4223..., signal orange



Fig. 2: Lamp PowerLux Halogen, Type 4223..., black

Special Features

- Impact-resistant plastic casing
- Light-weight and compact
- NiMH battery, up to 1 000 charges
- Environmentally friendly
- Interchangeable battery charger – no overcharge
- Morse function
- Magnet and carrying loop
- 1 000 m beam range
- No other compact rechargeable halogen lamp reaches that lighting power

Included in Delivery

- 1 Lamp PowerLux Halogen with magnetic clamp
- 2 Carrying loop
- 3 Battery charger (rechargeable battery)



Fig. 3: Included in delivery PowerLux Halogen, Type 4223...

Dimensions

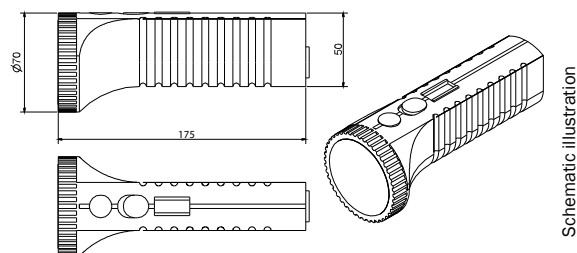


Fig. 4: Dimensions PowerLux Halogen, Type 4223...

Rechargeable Halogen Torch

Technical Data

Article No. (see ordering code)	4223...
Casing material	Plastics (impact resistant)
Bulb	P13,5 s 5,2 V/0,85 A Halogen
Operating time	approx. 90 min
Beam range	approx. 1 000 m
Rechargeable battery	NiMH 4,8 V/1 200 mAh
Charging time	approx. 15 h
Charging voltage	120 V/230 V AC 50/60 Hz, 12 V DC vehicle connector plug (422870)
Weight	215 g
Dimensions in mm	175x70x50

Applications




- Industry
- Crafts
- Security services
- Hunting
- Outdoor (e.g. camping)
- Sports and leisure activities

Ordering Code

Model PowerLux Halogen

Type 4223 ☐ ☐

Colour

Signal orange (so)		3
Green (gr)		6
Black (sw)		8

Package

Folding box (KV)	1
Blister package (BV)	2

Example of ordering key

422381

Model PowerLux Halogen, Type 4223, black (sw): 8, with folding box (KV): 1

Accessory

Article No.	Designation
422870	Vehicle connector plug 12 V, colour: black

Spare Parts

Article No.	Designation
422865	Replacement battery charger, colour: black
422864	Replacement battery charger, colour: green
422862	Replacement battery charger, signal orange
422801	Replacem. bulb P13,5 s/5,2 V/0,85 A, Halogen

Additional accessories and spare parts are available on request

Example Accessory



Vehicle connector plug 12 V, colour: black

Article No.: 422870

Example Spare Parts



Replacement battery charger, colour: black

Article No.: 422865

HighLite Halogen Type 4233...

Rechargeable halogen torch, focus adjustment with one hand only

Description

The robust rechargeable halogen torch, AccuLux HighLite Halogen, convinces by focus adjustment with only one hand, switch and focus adjusting knob are combined. The set includes an interchangeable rechargeable battery pack, a plug charger, a carrying loop and a replacement bulb in the reflector head. The interchangeable, environmental friendly NiMH battery does not show any memory effect, can be charged continuously and is protected against total discharge by the intelligent charger circuit. The battery pack is rechargeable up to 1 000 times and thus ensures flexibility and mobility. The reliable charge level indicator shows the user whether charging voltage is on. 15 minutes before reaching the maximum battery discharge, the yellow LED switches on and thus warns the user. Reaching an operating time of 150 minutes and a beam range of 1 000 m, the HighLite Halogen is versatile and suitable for diverse applications.



Fig. 1: Lamp HighLite Halogen, Type 4233...

Special Features

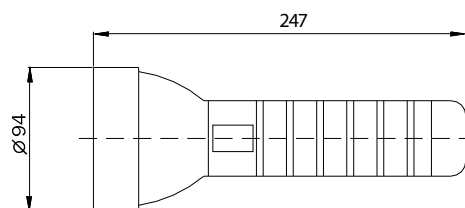
- Robust and impact-resistant plastic casing
- NiMH battery, up to 1 000 charges, no memory-effect (interchangeable, available as replacement battery pack)
- Long operating time (150 min)
- Beam range reaching 1 000 m
- Electronic remaining capacity and charge level indicator
- On/Off + focusing "with the thumb"

Included in Delivery, Entire Set



Fig. 2: Included in delivery HighLite Halogen, Type 4233...

Dimensions



Schematic illustration

Fig. 3: Dimensions HighLite Halogen, Type 4233...

Rechargeable Halogen Torch

Technical Data

Article No. (see ordering code)	4233...
Casing material	Plastics (impact resistant)
Bulb	E10 5,2 V/0,5 A Halogen
Operating time	approx. 150 min
Luminous flux	48 lm
Beam range	approx. 1 000 m
Rechargeable battery	NiMH 4,8 V/1 200 mAh
Charging time	approx. 15 h
Charging voltage	120 V/230 V AC 50/60 Hz
Weight	340 g
Dimensions in mm	247x94

Applications




- Industry
- Crafts
- Security services
- Hunting
- Outdoor (e.g. Camping)
- Sports and leisure activities

Ordering Code

Model HighLite Halogen

Type 4233 ☐ ☐

Colour

Signal orange (so)		3
Green (gr)		6
Black (sw)		8

Package

Blister package (BV)	2
----------------------	---

Example of ordering key

423382

Model HighLite Halogen, Type 4233, black (sw):
8, with blister package (BV): 2

Spare Parts

Article No.	Designation
423820	Repl. rechargeable battery pack/spare battery
423870	Replacement plug charger 7 V/charger section
423801	Replacement bulb 5,2 V/0,5 A E10 Halogen

Additional accessories and spare parts are available on request

Example Spare Parts



Replacement rechargeable battery
pack/spare battery
Article No.: 423820



Replacement plug charger 7V/charger
section
Article No.: 423870

SuperLite Halogen Type 4242...

**Rechargeable, high-quality halogen torch
with focusing feature**

Description

The halogen torch with enclosure type IP 43, AccuLux SuperLite Halogen, can be focused with only one hand and convinces with its impact resistant and robust plastic casing as well as its beam range and operating time. The textile carrying loop, included in delivery ensures comfortable use of the lamp. The additional 230 V power cable and the 12/24 V vehicle charger cable ensure maximum flexibility. The environmental friendly NiMH battery can be recharged up to 1 000 times. The reliable charge level indicator shows the user whether charging voltage is on. 15 minutes before reaching the maximum battery discharge, the yellow LED switches on and thus warns the user. Reaching a lighting time of 150 minutes and a beam range of 1 000 m, the HighLite Halogen is versatile and suitable for diverse applications.



Fig. 1: Lamp SuperLite Halogen, Type 4242...



Fig. 2: Lamps SuperLite Halogen, Type 4242... all available colours

Special Features

- Robust and impact-resistant plastic casing
- Splash-water preselected switch
- NiMH battery, up to 1 000 charges
- Long operating time (approx. 210 minutes)
- Beam range reaching 1 200 m
- Electronic LED remaining capacity and charge level indicator
- On/Off + focusing with one hand only
- Environmental friendly

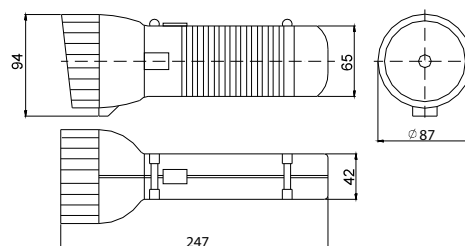
Included in Delivery, Entire Set

- 1 Lamp SuperLite Halogen
- 2 Textile carrying loop
- 3 Power cable
- 4 Vehicle charger cable



Fig. 3: Included in delivery SuperLite Halogen, Type 4242...

Dimensions



Schematic illustration

Fig. 4: Dimensions SuperLite Halogen, Type 4242...

Rechargeable Halogen Torch

Technical Data

Article No. (see ordering code)	4242...
Casing material	Plastics (impact resistant)
Bulb	E10 5,2 V/0,85 A Halogen
Operating time	approx. 210 min
Beam range	approx. 1 200 m
Rechargeable battery	NiMH 4,8 V/3 Ah
Charging time	approx. 19 h (for a long lifetime)
Charging voltage	230 V AC 50/60 Hz, 12/24 V DC
Weight	540 g
Dimensions in mm	247x94x42
Enclosure type	IP 43

Applications




- Industry
- Crafts
- Security services
- Hunting
- Outdoor (e.g. Camping)
- Sport, leisure activities and hobbies

Ordering Code

Model SuperLite Halogen

Type 4242 ☐ ☐

Colour

Signal orange (so)		3
Green (gr)		6
Black (sw)		8

Package

Folding box (KV)	1
------------------	---

Spare Parts

Article No.	Designation
424801	Replacement bulb E10/5,2 V/0,85 A, Halogen

Additional accessories and spare parts are available on request

Example of ordering key

424281

Model SuperLite Halogen, Type 4242, black (sw): 8, with folding box (KV): 1

**UniLux 5 (230 V)
Type 4415...**

**UniLux 5 A (12/24 V)
Type 4416...**

Powerful halogen long-distance lamp for work and hobbies

Description

The casing of the rechargeable halogen lamp, AccuLux UniLux 5, is made of robust, impact-resistant plastics. The lamp series can be focused and convinces with high luminosity and long range. The environmentally sound NiMH battery can be recharged up to 1 000 times. The wallmounted charging station ensures that the lamp is fully charged, always ready for use and placed in a dedicated location. The reliable UniLux lamps with a operating time of 2,5 hours are universally applicable in the industry, crafts, household, hunting and camping. UniLux 5 is equipped with an additional electronic charge level indicator.



Fig. 1: Lamp UniLux 5, Type 4415..., Type 4416...



Fig. 2: Lamp UniLux 5, Type 44156... (Green)

Special Features

- Compact and light-weight
- NiMH battery, up to 1 000 charges, no memory effect
- Adjustable focus
- Always ready for use due to wall-mounted charging station

Included in Delivery, Entire Set



Fig. 3: Included in delivery UniLux 5, Type 4415..., Type 4416...

Dimensions



Fig. 4: Dimensions UniLux 5, Type 4415..., Type 4416...

Schematic illustration

Technical Data

Article No. (see ordering code)	4415...	4416...
Casing material	Plastics (impact resistant)	
Bulb	E10 5,2 V/0,85 A Halogen	
Operating time	approx. 150 min	
Beam range	approx. 1 000 m	
Rechargeable battery	NiMH 4,8 V/2 Ah	
Charging voltage	100-230 V AC 50/60 Hz	12/24 V DC
Weight	440 g	
Dimensions in mm	256x93x93	

Applications

- Industry
- Crafts
- Household
- Security services
- Hunting
- Outdoor (e.g. Camping)
- Sports and leisure activities

Ordering Code

Model UniLux 5

Type 4415 ☐ ☐

Colour

Black (sw)	<input type="checkbox"/>	8
Green (gr)	<input type="checkbox"/>	6

Package

Folding box (KV)	<input type="checkbox"/>	1
------------------	--------------------------	---

Model UniLux 5 A

Type 4416 ☐ ☐

Colour

Black (sw)	<input type="checkbox"/>	8
------------	--------------------------	---

Package

Folding box (KV)	<input type="checkbox"/>	1
------------------	--------------------------	---

Example of ordering key 441581

Model UniLux 5, Type 4415, black (sw): 8,
with folding box (KV): 1

Example of ordering key 441681

Model UniLux 5 A, Type 4416, black (sw): 8,
with folding box (KV): 1

Spare Parts

UniLux 5 Type 4415... und UniLux 5 A Type 4416...

Article No.	Designation
424801	Replacement bulb: 5,2 V/0,85 A E10 Halogen
441842	Carrying loop (as an accessory)

Additional accessories and spare parts are available on request



AccuLux EX SLE 15 Set Type 4574...

Emergency lamp IP 64 for use in areas with potentially explosive gas or dust atmospheres, Ex zones 1, 2, 21 and 22

Description

The microprocessor-controlled, work and emergency lamp, AccuLux EX SLE 15, is made of high-quality impact-resistant plastics and has been tested for conformity with the directive 94/9/EC, EN 50020 and EN 61241-11 as well as relevant EMC rules; it is also approved for use in motor vehicles. The high-quality xenon bulb and the LED pilot lamp underline the top-quality of this lamp. The built-in lead gel battery does not show a memory effect and is protected against total discharge by the intelligent charger circuit. The 110° swivelling lamp head and the turning lamp handle allow most flexible use of the lamp. The AccuLux EX SLE 15 may be continuously on, blink or be operated with the pilot lamp on; it can also be used as a warning light. The use as an emergency lamp according to VDE 0108 is allowed. The 230 V AC or 24/12 V DC charger with optimised charging technology is very compact; this allows it to be installed in all kind of small spaces either indoors or in vehicles.



Fig. 1: Lamp AccuLux EX SLE 15, Type 4574...

Special Features

- Explosion-proof, dustproof and splash-proof
- Swivelling lamp head
- Can be used as emergency lamp according to VDE 0108
- In case of power failure the emergency power function is activated
- Filament break monitoring with automatic switch-over from the xenon bulb to the LED pilot lamp
- 4 stage charge level indicator
- Microprocessor-controlled
- Maintenance-free lead gel battery

Included in Delivery, Entire Set



Fig. 2: Included in delivery AccuLux EX SLE Set Type 4574...

Dimensions

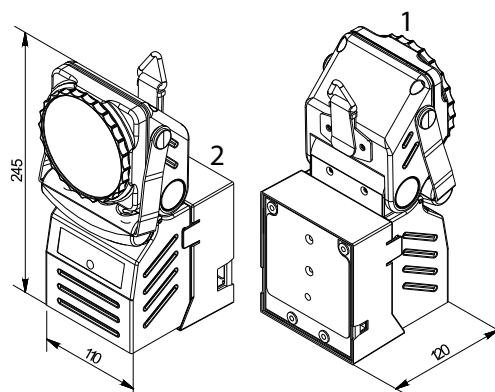


Fig. 3: Dimensions AccuLux EX SLE Set Type 4574...

Schematic illustration

Technical Data

Article No. (see ordering code)	4574...
Casing material	Polyamid (impact resistant)
Enclosure type of lamp	IP 64
Bulb, main lamp	Xenon 4,0 V/0,8 A
Lighting time, main lamp	approx. 4 h
Lighting time, blinking	approx. 8 h
Luminous flux, main lamp	60 lm
Beam range	approx. 200 m
Bulb pilot lamp	Nichia LED 5 mm
Operating time, pilot lamp	approx. 85 h
Rechargeable battery	lead gel battery, 4 V/3,5 Ah mainten.-free
Charging time	approx. 15 h
Charging voltage	230 V AC 50/60 Hz, 12/24 V DC
Weight der Lamp	1 100 g
Dimensions in mm (Set)	104x245x120
Ex-Zone	1, 2, 21 and 22
Ex-marking	II 2 G Ex ib II C T4/II 2D Ex ibD 21 T 135 °C
ATEX-No.	TÜV-A 07 ATEX 0001X
Temperature range	-20 ... +40 °C

Applications

- Industry for chemistry, oil and gas
- Electricity, fault clearance, municipal utility
- Fire brigade
- Emergency medical services
- Shipyard
- Commerce fire predection
- Handcraft

More safety and better vision!



457830

The charging station is not explosion-predicted and may not be installed or operated in potentially explosive gas or dust areas.



457881

Safety Emergency Light Function:

In case of voltage drop (230 V, 24 V, 12 V) while the lamp is connected to the charging station, the main lamp switches on.

Ordering Code

Model AccuLux EX SLE 15 Set **Type 4574** ☐ ☐

Colour

Black (sw) ☒ 8

Package

Folding box (KV) ☐ 1

Example of ordering key 457481

Model AccuLux EX SLE 15 Set, Type 4574, black (sw): 8, with folding box (KV): 1

Accessory

Article No.	Designation
457872	Diffuser red
457873	Diffuser green
457890	Bolt hook
457802	Xenon-Lamp 4,0 V/0,5 A

Spare Parts

Article No.	Designation
457830	Hand lamp
457881	Charging station
457801	Xenon-Lamp 4,0 V/0,8 A
457840	Seal ring, reflector to lamp head
457850	Vehicle cable 230 V
457851	Cable with plug 12 V/24 V
457870	Diffuser transparent
457871	Diffuser orange
457810	Replacement battery 4 V/3,5 Ah, lead gel

Additional accessories and spare parts are available on request

Four LED EX Type 4172...

**Rechargeable torch for professional use in gas and dust explosion-prone areas of Ex-zones 1, 2, 21 and 22
Rating IP 65**

Description

This compact, impact resistant rechargeable battery-torch, AccuLux Four LED EX provides first-class LED light for up to 12 hours. Thanks to the state-of-art lens optics computed by a specialised institute, four lens-focused white LEDs generate a very bright, uniform beam. The service life of the LED lamp is virtually unlimited, thus no bulb replacement is required anymore. The robust and impact resistant plastic casing is built for rough applications. The Four LED EX can be recharged up to 1 000 times and the integrated power plug ensures flexibility and mobility. The environmentally friendly NiMH rechargeable battery does not show any memory effect, can be charged continuously and is protected against total discharge by the intelligent charger circuit. TÜV-tested quality "Made in Germany"! The lamp is made in accordance with DIN V 14649.



Fig. 1: Lamp Four LED EX, Type 4172...



Fig. 2: Lamp Four LED EX, Type 4172...

Special Features

- Unique: rechargeable at any 230 V – socket
- Can be fixed at the helmet (helmet terminal holder as spare parts)
- Extremely bright, white light
- Impact-resistant, light-weight and compact
- NiMH rechargeable battery, up to 1 000 charges, no memory effect
- Long service life of the 4 LED lamps
- Long operating time (12 hours)

Included in Delivery

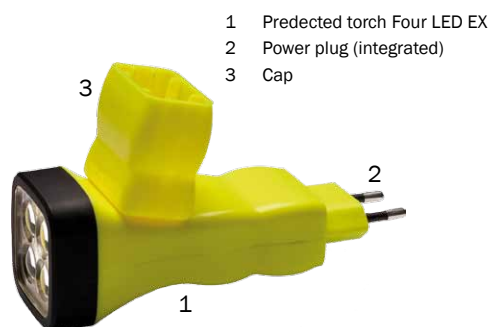


Fig. 3: Included in delivery Four LED EX Type 4172...

Dimensions

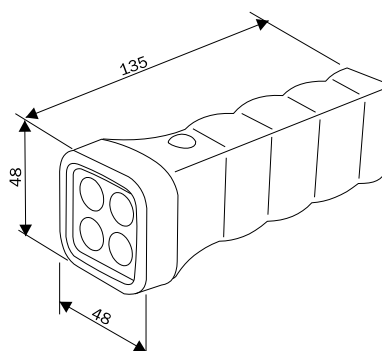



Fig. 4: Dimensions Four LED EX Type 4172...

Schematic illustration

Ex - Rechargeable LED Torch

Technical Data

Article No. (see ordering code)	4172...
Casing material	Plastics (impact resistant)
Enclosure type of lamp	IP 65
Bulb	4x Nichia LED 5 mm
Operating time	approx. 12 h
Light intensity	4x 30 000 mcd
Beam range	approx. 50 m
Rechargeable battery	NiMH 4,8 V/550 mAh
Charging time	approx. 12 h
Charging voltage	120 V/230 V AC 50/60 Hz
Weight of lamp	150 g
Dimensions in mm	135x48x48
Ex-Zone	1, 2, 21 and 22
Ex-marking	 II 2 G Ex ib II C T4/II 2D Ex ibD 21 T 135 °C
ATEX-No.	TÜV-A 09 ATEX 0003
Temperature range	-20 ... +40 °C

Applications

- Industry for chemistry, oil and gas
- Electricity, fault clearance, municipal utility
- Fire brigade
- Emergency medical services
- Shipyard
- Commerce fire predection
- Handcraft
- Biogasanlagenhersteller

More safety and better vision!



Fig. 5: The rechargeable battery-torch Type 4172... with integrated power plug

Accessory

Article No.	Designation
417840	Helmet terminal holder

Additional accessories and spare parts are available on request

Example Accessory



Fig. 6: Helmet terminal holder

Ordering Code

Model Four LED EX

Type 4172 ☐ ☐

Colour

Yellow (ge)



2

Package

Blister package (BV)

2

Example of ordering key

417222

Model AccuLux Four LED EX, Type 4172, yellow (ge): 2, with blister package (BV): 2



Made in Germany

The information corresponds to our current knowledge.
Witte+Sutor GmbH reserves the right to make technical changes. Liability for consequential damages resulting from use of AccuLux products is excluded.

HL 25 EX Type 4584...

Flexible-head safety lamp IP 67 for use in areas with potentially explosive gas or dust atmospheres, Ex zones 1, 2, 21 and 22

Description

The microprocessor-controlled rechargeable flexible-head hand lamp, AccuLux HL 25 EX, is made of impact-resistant, not flammable plastics (ABS-VO) and has been tested for conformity with the directive 94/9/EG ATEX as well as relevant EMC rules. It is also approved for use in motor vehicles.

The lamp is equipped with two Power LEDs, shiftable via turn-switch. A 3 Watt Power LED with focused light beam for long-distance use and a 1 Watt Power LED with wider light beam for short-distance use. The built-in, environmentally-friendly, rechargeable lithium-ion battery does not show a memory effect, can be charged continuously and is protected against total discharge by its intelligent charger circuit. The battery pack is replaceable by the customer. The four-way swivelling lamp head allows most flexible use of the lamp. As it comes with a clamp the lamp can easily be attached to the protective clothing. The AccuLux HL 25 EX may be continuously on or blink and can be used as a warning light. The use as an emergency light according to VDE 0108 is allowed but it can be switched-off by the customer. Charging units for 100-230 V AC 50/60 Hz, 12 or 24 V DC for 1 up to 5 lamps are available on request. With its light weight of 430g only the AccuLux HL 25 EX is one of the leading hand lamps in this category. The lamp is made in accordance with DIN V 14649.

Special Features

- Replaceable lithium-ion battery
- LCD capacity flashes on charging
- Multilevel swivelling lamp head
- Charging units for 1 up to 5 lamps
- No changing of bulb necessary
- Emergency power function (can be deactivated)
- Light-weight, only 430 g

Included in Delivery



Fig. 2: Included in delivery HL 25 EX, Type 4584...

Dimensions



Fig. 3: Dimensions HL 25 EX, Type 4584...



Fig. 1: Lamp HL 25 EX, Type 4584...




Schematic illustration



Flexible-head safety lamp

Explosion-Proof Lamps

Technical Data

Article No. (see ordering code)	4584...
Casing material	ABS-V0 (nicht brennbar, schlagzäh)
Enclosure type of lamp	IP 67
Bulb Fernlicht	3 W Cree LED
Lighting time for long distance	approx. 5 h
Lighting time, blinking	approx. 10 h
Luminous flux for long distance	210 Lumen
Beam range	approx. 200 m
Lamp for close-up range	1 W Cree LED
Lighting time for close-up range	approx. 10 h
Luminous flux for close-up range	100 Lumen
Rechargeable battery	Lithium-Ion battery 3,7 V/4,6 Ah
Charging time	approx. 6 h
Charging voltage	100 ... 230 V AC 50/60 Hz, 12 V DC, 24 V DC
Weight of lamp	430 g
Dimensions in mm	225x70x70
Ex-Zone	1, 2, 21 and 22
Ex-marking	 II 2 G Ex ib II C T4/II 2D Ex ibD 21 T 135 °C
ATEX-No.	TÜV-A 10ATEX0006
Temperature range	-20 ... +40 °C

Applications

- Industry for chemistry, oil and gas
- Electricity, fault clearance, municipal utility
- Fire brigade
- Emergency medical services
- Shipyard
- Handcraft
- Biogasanlagenhersteller

More safety and better vision!



Safety Emergency Light Function:

In case of voltage drop (230 V, 24 V, 12 V) while the lamp is connected to the charging unit, the main lamp switches on. This function can be switched off.

Please Note:

When you order the lamp – the charging unit is not included.

Ordering Code

Model HL 25 EX

Type 4584 ☐ ☐

Colour

Black-signal orange (sw)

 8

Package

Folding box (KV)

1

Example of ordering key

458481

Model HL 25 EX, Type 4584, black-signal orange (sw): 8, with folding box (KV): 1

Accessory

Article No.	Designation
458871	Charging unit 100 - 230 V for 1 lamp
458872	Charging unit 100 - 230 V for 2 lamps
458873	Charging unit 100 - 230 V for 3 lamps
458874	Charging unit 100 - 230 V for 4 lamps
458875	Charging unit 100 - 230 V for 5 lamps
458861	Charging unit 12 - 24 V for 1 lamp
458862	Charging unit 12 - 24 V for 2 lamps
458863	Charging unit 12 - 24 V for 3 lamps
458864	Charging unit 12 - 24 V for 4 lamps
458865	Charging unit 12 - 24 V for 5 lamps

Spare Parts

Article No.	Designation
458810	Replacem. battery 3,7 V/4,6 Ah, Lithium-Ion
458841	Power supply 230 V for 1-way charg. station
458842	Pow. supply 230 V for 2-3 -way charg. station
458843	Pow. supply 230 V for 4-5 -way charg. station
458845	Car-cable set for charging stations 12 - 24 V

Additional accessories and spare parts are available on request



HL 10 EX Type 4920...

Hand and helmet lamp for professional use in gas and dust explosion-prone areas of Ex-zones 1, 2, 21 and 22

Description

This explosion-proof high-power LED torch HL 10 EX consists of an impact resistant and waterproof plastic casing (IP 67). The innovative HL 10 EX – length: 17 cm/weight: 167 g only – is the leader among comparable torches. The high-power 3 Watt-Cree-LED with a colour temperature of approx. 7 000 Kelvin emits bright white light and reaches a beam range of 150 m. The constant brightness for a time of 11 hours is made possible by 4 mignon batteries (AA). The lamp also convinces with the long service life of the powerful, energy saving LED, making replacement of bulbs obsolete. HL 10 EX is especially made for professional use as a helmet lamp such as for fire fighters. The lamp is made in accordance with DIN V 14649.



Fig. 1: Lamp HL 10 EX, Type 4920...



Fig. 2: Lamp HL 10 EX, Type 4920... at the helmet

Special Features

- Can be fixed at the helmet
- Bipolar Power Management *
- Submersible til 1 m depth
- High-power Cree LED with bright white light
- Extremely bright: 200 lumens
- Light-weight, only 167 g
- Long operating time: 11 h
- Beam range of up to 150 m – no replacement of bulb any more

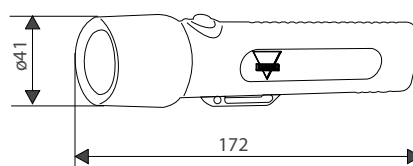
Included in Delivery

- 1 Lamp HL 10 EX
- 2 Batteries 4x, Type LR 6, AA



Fig. 3: Included in delivery HL 10 EX 4920...

Dimensions



Schematic illustration

Fig. 4: Dimensions HL 10 EX 4920...



Technical Data

Article No. (see ordering code)	4920...
Casing material	Plastics (impact resistant)
Bulb	3 W Cree LED
Operating time	approx. 11 h
Beam range	approx. 150 m
Batteries	4x LR6, AA
Luminous flux	200 Lumen
Enclosure type	IP 67
Weight	167 g
Dimensions in mm	172x41
Ex-Zone	1, 2, 21 und 22
Ex-marking	II 2 G Ex ib II C T4/II 2D Ex ibD 21 T 135 °C
ATEX-No.	TÜV-A 10ATEX0003

Applications

- Crafts
- Security services
- Hobbies
- Industry
- Outdoor (e. g. camping etc.)
- Sports and leisure activities

More safety and better vision!

Bipolar Power Management*:

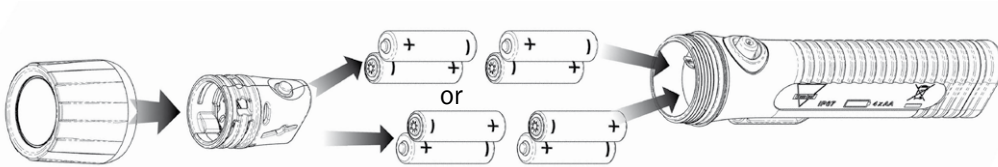


Fig. 5: Exploded drawing HL 10 EX Type 4920... with batteries

Ordering Code

Model HL 10 EX

Type 4920 ☐ ☐

Colour

Yellow (ge)

☐ 2

Package

Blister package (BV)

☐ 2

Example of ordering key

492022

Model HL 10 EX, Type 4920, yellow (ge): 2, with blister package (BV): 2

Accessory

Article No.	Designation
492840	Helmet terminal holder

Additional accessories and spare parts are available on request

Example Accessory



Fig. 6: Helmet terminal holder



Made in Germany

The information corresponds to our current knowledge.
Witte+Sutor GmbH reserves the right to make technical changes. Liability for consequential damages resulting from use of AccuLux products is excluded.

AccuLux SL 5 LED Set Type 456441

AccuLux SL 6 LED Set Type 456541

Power LED hand lamp IP 54 and charging station in a set

Description

The casing of the hand lamp, AccuLux SL 5 LED Set/AccuLux SL 6 LED Set, consists of robust plastics and is dust and splash proof. The Power LED of the AccuLux SL 5 LED delivers a bright and homogeneous light for the work area. The focus lens of the AccuLux SL 6 LED delivers a focused beam for the long distance range. There is no change of a bulb needed any more. With the 110° swivelling lamp head and orange diffuser, coming with it, the lamp can be used flexibly, e.g. as a blinking emergency lamp. The rechargeable and maintenance free built-in lead gel battery does not show any memory effect and is protected against total discharge by the intelligent charger circuit. An auto-matic switch from the 3 Watt Power LED to the LED pilot lamp is integrated - for example when the accu capacity is low. The hand lamp has a remaining capacity indicator with four LEDs on the rear. The charging level is indicated by the pilot lamp. The charger features an optimised charging function and still is very compact; this allows it to be installed in the smallest niche in a vehicle or building. The AccuLux SL 5 LED can be charged at 230 V AC as well as 24 or 12 V DC. Use as an emergency lamp according to VDE 0108 is likewise allowed.

Special Features

- SL 5 LED: wide an homogenous light for the work area
- SL 6 LED: focused beam for the long distance range
- Casing is robust, dust- and splash-proof
- Swivelling lamp head
- Light-weight and easy-to-use design
- Extremely light-weight, ergonomic design
- Can be used as an emergency lamp according to VDE 0108
- Emergency function: in case of power failure, main light is on
- 4 stage charge level indicator
- High-quality, maintenance-free lead gel battery

Included in Delivery, Entire Set



Fig. 3: Included in delivery AccuLux SL 5 LED/SL 6 LED, Type 456x41

Dimensions

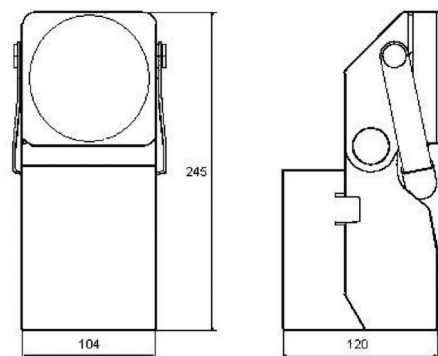


Fig. 4: Dimension AccuLux SL 5 LED/AccuLux SL 6 LED, Type 456x41



Fig. 1: Lamp AccuLux SL 5 LED, Type 456441



Fig. 2: Lamp AccuLux SL 6 LED, Type 456541
Special Feature: Lens Focus

Technical Data

Article No. (see ordering code)	456441 SL 5 LED	456541 SL 6 LED
Casing material	Plastics (impact resistant)	
Enclosure type of lamp	IP 54	
Main lamp	3 W Pow. LED	3 W Pow. LED+Focus Lens
Operating time main lamp	approx. 5 h	
Lighting time, blinking	approx. 10 h	
Life time of the LED	approx. 50 000 h	
Luminous flux, main lamp	170 lm	
Beam range	approx. 150 m	approx. 170 m
Bulb Pilot lamp	Nichia LED 5 mm	
Operating time pilot lamp	approx. 75 h	
Rechargeable battery	lead gel battery, 4 V/3,5 Ah maintenance-free	
Charging time	approx. 15 h	
Charging voltage	230 V AC 50/60 Hz, 12/24 V DC	
Predection class	II	
Laserklasse	1	
Weight of lamp	1 100 g	
Dimensions in mm (Set)	104x245x120	
Temperature range	-20 ... +40 °C	

Applications

- Fire brigade
- Search and rescue services
- Crafts
- Industry
- Construction sites
- Sports and leisure activities
- Security services
- Camping, outdoor

More safety and better vision!

Comparison of light AccuLux SL 5 LED with AccuLux SL 6 LED



Fig. 5: Comparison of light

Ordering Code

Model AccuLux SL 5 LED Set **Type 4564** ☐ ☐

Model AccuLux SL 6 LED Set **Type 4565** ☐ ☐

Colour

Black-red (rt) ☐ 4 ☐

Package

Folding box (KV) ☐ 1 ☐

Example of ordering key 456441

Model AccuLux SL 5 LED Set, Type 4564, black-red (rt): 4, with folding box (KV): 1

Accessory

Article No.	Designation
457890	Bolt hook
457870	Diffuser, transparent
457872	Diffuser, red
457873	Diffuser, green

Spare Parts

Article No.	Designation
456430	Lamp SL 5 LED
456530	Lamp SL 6 LED
456881	Charging station
456810	Rechargeable battery 4 V 3,5 Ah
457850	Power cable 230 V
457851	Vehicle cable with plug 12/24 V
457871	Diffuser, orange

Additional accessories and spare parts are available on request

AccuLux SL 5 Set Type 4564...

Good price value for a hand lamp IP 54 and charging station in a set

Description

The casing of the hand lamp, AccuLux SL 5 Set, consists of robust plastics and is dust and splash proof. With the 110° swivelling lamp head and orange diffuser, coming with it, the lamp can be used flexibly, e. g. as a blinking emergency lamp.

The built-in lead gel battery does not show a memory effect and is protected against total discharge by the intelligent charger circuit. The halogen main lamp features filament break monitoring with automatic switch-over to the LED pilot lamp. The lamp has a remaining capacity indicator with four LEDs on the rear. The charging level is indicated by the pilot lamp. The charger features an optimised charging function and still is very compact; this allows it to be installed in the smallest niche in a vehicle or building. The AccuLux SL 5 can be charged at 230 V AC as well as 24 or 12 V DC. Use as an emergency lamp according to VDE 0108 is likewise allowed.



Fig. 1: Lamp AccuLux SL 5

Special Features

- Dustproof and splash-proof
- Robust plastic casing
- Swivelling lamp head
- Extremely light-weight, ergonomic design
- Can be used as an emergency lamp according to VDE 0108
- In case of power failure the emergency power function is activated
- Integrated filament break monitoring for the halogen main lamp with automatic switch-over to the LED pilot lamp
- 4 stage charge level indicator
- High-quality, maintenance-free lead gel battery

Included in Delivery



Fig. 2: Included in delivery AccuLux SL 5 Set Type 4564...

Dimensions

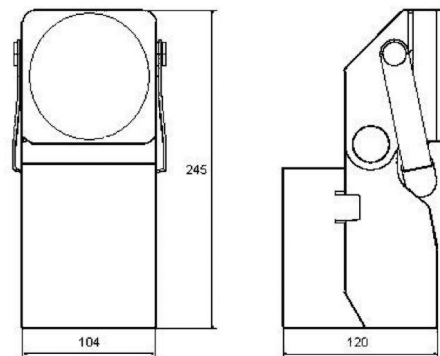


Fig. 3: Dimensions AccuLux SL 5 Set Type 4564...

Schematic illustration

Technical Data

Article No. (see ordering code)	4564...
Casing material	Plastics (impact resistant)
Enclosure type of lamp	IP 54
Bulb main lamp	4,0 V/0,8 A Halogen
Operating time main lamp	approx. 4 h
Lighting time, blinking	approx. 8 h
Luminous flux main lamp	47 lm
Beam range	approx. 150 m
Bulb Pilot lamp	Nichia LED 5 mm
Operating time Pilot lamp	approx. 75 h
Rechargeable battery	lead gel battery, 4 V/3,5 Ah maintenance-free
Charging time	approx. 15 h
Charging voltage	230 V AC 50/60 Hz, 12/24 V DC
Predection class	II
Weight of Lamp	1 100 g
Dimensions in mm (Set)	104x245x120
Temperature range	-20 ... +40 °C

Applications

- Fire brigade
- Search and rescue services
- Crafts
- Industry
- Construction sites
- Sports and leisure activities
- Security services
- Camping, Outdoor

More safety and better vision!

The enclosure types

of a casing are determined by the abbreviated identification IP (International Predection) and a two-digit index.

Automatic functions of the hand lamp

Type 4564... Model AccuLux SL 5

- Emergency light function
- Function control of main lamp
- Function control of pilot lamp
- Rechargeable battery predected against total discharge
- Vehicle battery predected against total discharge
- Charging level indicator

Ordering Code

Model AccuLux SL 5 Set

Type 4564 ☐ ☐

Colour

Black-Blue (sw)

☐ 8

Package

Folding box (KV)

☐ 1

Example of ordering key

456481

Model AccuLux SL 5 Set, Type 4564, black (sw):
8, with folding box (KV): 1

Accessory

Article No.	Designation
457890	Bolt hook
457870	Diffuser transparent
457872	Diffuser red
457873	Diffuser green

Spare Parts

Article No.	Designation
456830	Lamp SL 5 Set
456881	Charging station
456810	Rechargeable battery 4 V 3,5 Ah
456801	Halogen lamp 4,0V/0,8 A
457850	Power cable 230 V
457851	Vehicle cable with plug 12/24 V
457871	Diffuser, orange

Additional accessories and spare parts are available on request

JobLux 90 LED Type 4510...

Hand lamp IP 44 with LED pilot lamp for industrial and private use.

Description

The casing of the rechargeable, splash-proof preselected work and emergency lamp, JobLux 90 LED, consists of robust, impact-resistant plastics. With 4 h main lamp and 120 h pilot lamp operation, it is one of the leading lamps in this field. The JobLux 90 LED has a 120° swivelling lamp head. The lamp can be switched-over between the 5,5 W xenon lamp and the LED pilot lamp. The rechargeable, maintenance-free lead gel battery can be charged at 230 V AC with the integrated charging unit and is preselected against total discharge and overcharging. The built-in red LED indicates the charging level of the lamp. Delivery includes a wall mounting bracket as well as a carrying loop.



Fig. 1: Lamp JobLux 90 LED, Type 4510...

Special Features

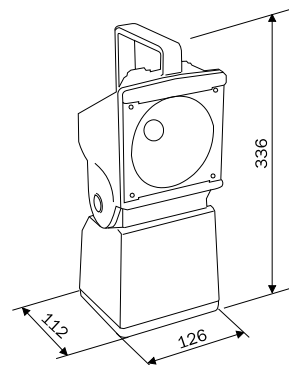
- Robust, impact-resistant plastic casing
- Long-lasting LED pilot lamp, daylight-like white
- Electronically controlled battery charging, preselection against total discharge
- Swivelling lamp head
- Can be used as emergency lamp according to VDE 0108
- In case of power failure the emergency power function is activated
- Integrated battery charger with power cable for charging on mains (230 VAC)

Included in Delivery Entire Set



Fig. 2: Included in delivery JobLux 90 LED, Type 4510...

Dimensions



Schematic illustration

Fig. 3: Dimensions JobLux 90 LED, Type 4510...

Technical Data

Article No. (see ordering code)	4510...
Casing material	Plastics (impact resistant)
Enclosure type of lamp	IP 44
Bulb main lamp	Xenon 5,5 W
Operating time Main lamp	approx. 4 h
Luminous flux Main lamp	30 Lumen
Beam range	approx. 60 m
Pilot lamp	Nichia LED 5 mm
Operating time pilot lamp	approx. 120 h
Rechargeable battery	lead gel battery, 6V/4 Ah maintenance-free
Charging time	approx. 10 h
Charging voltage	230 V AC 50/60 Hz
Predection class	II
Weight (Set)	2 000 g
Dimensions in mm (Set)	126x112x336

Applications

- Fire brigade
- Search and rescue services
- Crafts
- Industry
- Construction sites
- Sports and leisure activities
- Security services
- Camping, outdoor

More safety and better vision!

Ordering Code

Model JobLux 90 LED

Type 4510 ☐ ☐

Colour

Red (rt)



4

Package

Folding box (KV)

1

Example of ordering key

451041

Model JobLux 90 LED, Type 4510, red (rt): 4,
with folding box (KV): 1

Spare Parts

Article No.	Designation
451801	Repl. main lamp 6 V/0, 9 A E10, Xenon lamp
453810	Rechargeable battery 6 V / 7,2 Ah

Additional accessories and spare parts are available on request

JobLux 90 DB LED Type 4520...

Hand lamp IP 44 with LED pilot lamp for industrial and private use.

Description

The casing of the rechargeable, splash-proof protected work and emergency lamp, JobLux 90 DB LED, consists of robust, impact-resistant plastics. With 7 h main lamp operation the lamp is one of the leaders in this field. The JobLux 90 DB LED has a 120° swivelling lamp head. The lamp can be switched-over between the 5.5W xenon lamp and the LED pilot lamp. The rechargeable, maintenance-free lead gel battery can be charged at 230V AC with the integrated charging unit and is protected against total discharge and overcharging. The built-in red LED indicates the charging level of the lamp. The wall mounting bracket, a convenient carrying loop and a red diffuser are included in delivery.



Fig. 1: Lamp JobLux 90 DB LED, Type 4520...

Special Features

- Robust, impact-resistant plastic casing
- 7 h lighting time of the main lamp
- long-lasting LED pilot lamp, 200 h operating time
- Electronically controlled battery charging, protection against total discharge
- Can be used as emergency lamp according to VDE 0108
- In case of power failure the emergency power function is activated
- Swivelling lamp head
- Integrated battery charger with power cable for charging on mains (230 VAC)

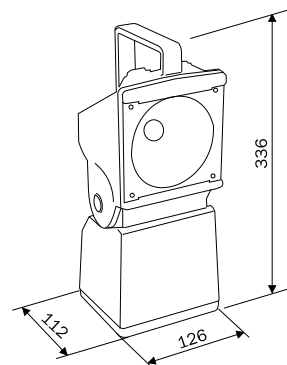
Included in Delivery Entire Set



- 1 Work and emergency lamp
- 2 Wall mounting bracket
- 3 Carrying loop
- 4 Diffuser red
- 5 integrated power cable 230 V with Euro-plug

Fig. 2: Included in delivery JobLux 90 DB LED, Type 4520...

Dimensions



Schematic illustration

Fig. 3: Dimensions JobLux 90 DB LED, Type 4520...

Technical Data

Article No. (see ordering code)	4520...
Casing material	Plastics (impact resistant)
Enclosure type of lamp	IP 44
Bulb main lamp	Xenon 5,5 W
Operating time main lamp	approx. 7 h
Luminous flux Main lamp	30 Lumen
Beam range	approx. 60 m
Bulb pilot lamp	Nichia LED 5 mm
Operating time pilot lamp	approx. 200 h
Rechargeable battery	lead gel battery, 6 V/7 Ah maintenance-free
Charging time	approx. 18 h
Charging voltage	230 V AC 50/60 Hz
Predection class	II
Weight (Set)	2 600 g
Dimensions in mm (Set)	126x112x336

Applications


- Fire brigade
- Search and rescue services
- Crafts
- Industry
- Construction sites
- Sports and leisure activities
- Security services
- Camping, outdoor

More safety and better vision!

Ordering Code

Model JobLux 90 DB LED **Type 4520** ☐ ☐

Colour

Red (rt)  4

Package

Folding box (KV) 1

Example of ordering key 452041

Model JobLux 90 DB LED, Type 4520, red (rt): 4,
with folding box (KV): 1

Spare Parts

Article No.	Designation
451801	Repl. main lamp 6 V/0, 9A E10, Xenon lamp
453810	Rechargeable battery 6 V / 7,2 Ah

Additional accessories and spare parts are available on request

HaloLux 90 A LED Type 4540...

Hand lamp IP 44 with LED pilot lamp for industrial and private use

Description

The casing of the rechargeable, splash-proof protected halogen work and emergency lamp, HaloLux 90 A LED, consists of robust, impact resistant plastics. The HaloLux 90 A LED has a 120° swivelling lamp head. The lamp can be switched-over between the 10 W halogen lamp and the LED pilot lamp, permanent light or blinking are selectable. With the integrated battery charger, the rechargeable, maintenance-free lead gel battery can be charged on 230 V AC as well as 12/24 V DC. The built-in red LED indicates the charging level of the lamp. Delivery includes the wall mounting bracket, a convenient carrying loop, a power cable (230 V, 12/24 V) and two different diffusers.



Fig. 1: Lamp HaloLux 90 A LED, Type 4540...

Special Features

- Robust, impact-resistant plastic casing
- LED pilot lamp, daylight-like white
- extremely bright 10 W halogen lamp
- Electronically controlled battery charging, predection against total discharge
- Can be used as emergency lamp according to VDE 0108
- In case of power failure the emergency power function is activated
- Swivelling lamp head
- Permanent or blinking light function

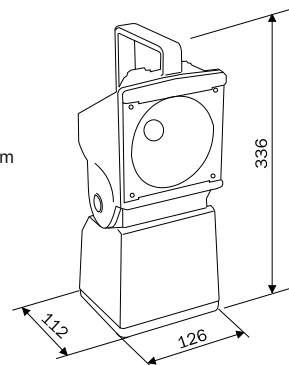
Integrated battery charger with power cable for charging on mains (230 V AC) or vehicle system (12/24 V DC)

Included in Delivery Enrire Set



Fig. 2: Included in delivery HaloLux 90 A LED, Type 4540...

Dimensions



Schematic illustration

Fig. 3: Dimensions HaloLux 90 A LED, Type 4540...

Technical Data

Article No. (see ordering code)	4540...
Casing material	Plastics (impact resistant)
Enclosure type of lamp	IP 44
Bulb main lamp	Halogen 10 W
Operating time main lamp	approx. 3 h
Luminous flux main lamp	200 Lumen
Beam range	approx. 100 m
Bulb pilot lamp	Nichia LED 5 mm
Operating time pilot lamp	approx. 200 h
Rechargeable battery	lead gel battery, 6 V/7 Ah maintenance-free
Charging time	approx. 18 h
Charging voltage	230 V AC 50/60 Hz, 12/24 V DC
Predection class	II
Weight (Set)	2 600 g
Dimensions in mm (Set)	126x112x336

Applications


- Fire brigade
- Search and rescue services
- Crafts
- Industry
- Construction sites
- Sports and leisure activities
- Security services
- Camping, outdoor

More safety and better vision!

Ordering Code

Model HaloLux 90 A LED **Type 4540** ☐ ☐

Colour

Red (rt)  4

Package

Folding box (KV) 1

Example of ordering key 454041

Model HaloLux 90 A LED, Type 4540, red (rt): 4,
with folding box (KV): 1

Spare Parts

Article No.	Designation
453801	Replacement main lamp 6 V/10 W G4 Halogen
453810	Rechargeable battery 6 V / 7,2 Ah

Additional accessories and spare parts are available on request

HaloLux S Type 4554...

Newly developed, fast-charging hand lamp IP 44 for professional use in the industry

Description

The casing of the rechargeable, splash-proof protected halogen work and emergency lamp, HaloLux S, consists of robust, impact-resistant plastics. It can be charged in only 4 h. The HaloLux S has a 120° swivelling lamp head and is the top-product in its field. The lamp can be switched-over between the 10W halogen lamp and the LED pilot lamp, permanent light or blinking are selectable (e. g. as warning lamp in traffic or on construction sites). The integrated soft start of the main lamp extends the service life of the bulb. With the integrated battery charger, the rechargeable, maintenance-free lead gel battery can be charged on 230 V AC as well as 12/24 V DC. The charging level of the lamp is indicated by a red LED in the lamp head. The wall mounting bracket, a convenient carrying loop and different diffusers are included in delivery. The HaloLux S features filament break monitoring with automatic switch-over from the main lamp to the pilot lamp; it is also protected against total discharge and overcharging.



Fig. 1: Lamp HaloLux S, Type 4554...

Special Features

- Fast-charging within only 4 h
- Robust, impact-resistant plastic casing
- Electronically controlled battery charging, protection against total discharge
- Can be used as emergency lamp according to VDE 0108
- In case of power failure the emergency power function is activated
- Swivelling lamp head
- Permanent or blinking light function
- Integrated battery charger with power cable for charging on mains (230 V AC) or vehicle system (12/24 V DC)
- Filament break monitoring: pilot lamp switches on in case of defective main lamp
- Line operation (battery recharging and lamp operation at the same time)
- Switch-over from main to pilot lamp in case of too low voltage

Included in Delivery Entire Set

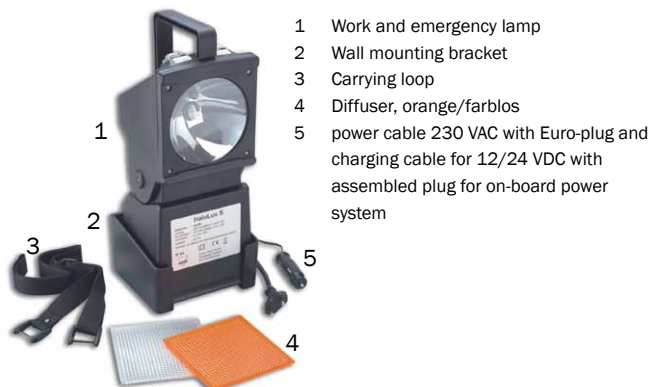
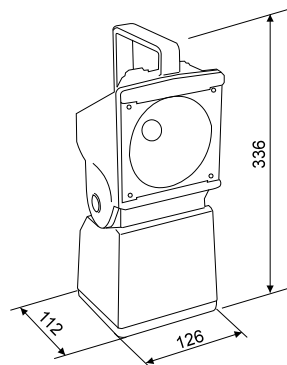


Fig. 2: Included in delivery HaloLux S, Type 4554...

Dimensions



Schematic illustration

Fig. 3: Dimensions HaloLux S, Type 4554...

Technical Data

Article No. (see ordering code)	4554...
Casing material	Plastics (impact resistant)
Enclosure type of lamp	IP 44
Bulb main lamp	Halogen 10 W
Operating time main lamp	approx. 4 h
Luminous flux main lamp	200 Lumen
Beam range	approx. 100 m
Bulb pilot lamp	1,2 W filament bulb
Operating time pilot lamp	approx. 29 h
Rechargeable battery	6 V/7,2 Ah maintenance-free, lead gel battery
Charging time	approx. 4 h
Charging voltage	100-230 V AC 50/60 Hz, 12/24 V DC
Predection class	II
Weight (Set)	2 600 g
Dimensions in mm (Set)	126x112x336

Applications

- Fire brigade
- Search and rescue services
- Crafts
- Industry
- Construction sites
- Sports and leisure activities
- Security services
- Camping, outdoor

More safety and better vision!

Ordering Code

Model HaloLux S

Type 4554 ☐ ☐

Colour

Black (sw)



8

Package

Folding box (KV)

1

Example of ordering key

455481

Model HaloLux S, Type 4554, black (sw): 8, with folding box (KV): 1

Spare Parts

Article No.	Designation
453801	Replacement main lamp 6 V/10 W, G4 Halogen
451802	Replacement pilot lamp 6 V/0,2 A W2x4,6d
453810	Rechargeable battery 6 V / 7,2 Ah

Additional accessories and spare parts are available on request

NeoLux 90 Type 45028...

**Rechargeable safety lamp for room lighting,
with emergency power supply function**

Description

The rechargeable work and emergency lamp NeoLux 90 features a casing of robust, impact-resistant plastics. The lamp is equipped with two fluorescent tubes and can be switched to lighting with only one or both tubes. The operating time is 4 h (double tube operation) or 7 h (single tube operation). The rechargeable, maintenance-free lead gel battery can be charged at 230 V AC with the integrated charging unit and is protected against total discharge and overcharging.



Fig. 1: Lamp NeoLux 90, Type 45028...

Special Features

- Robust plastic casing
- 2 fluorescent tubes for room lighting
- Single tube or double tube operation switch-selectable
- In case of power failure the emergency light function is activated
- Integrated battery charger with power cable for charging on mains (230 V AC)

Included in Delivery, Entire Set



Fig. 2: Included in delivery NeoLux 90, Type 45028...

Dimensions

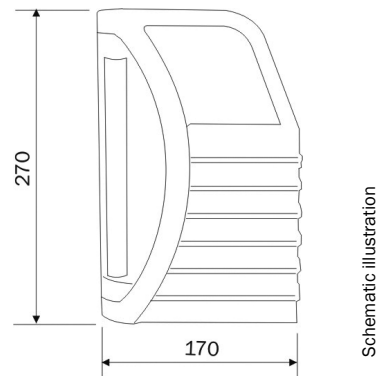


Fig. 3: Dimensions NeoLux 90, Type 45028...

Technical Data

Article No. (see ordering code)	45028...
Casing material	Plastics (impact resistant)
Enclosure type of lamp	IP 20
Bulb	Neon 2x TL 6 (6 Watt)
Operating time 1 tube	approx. 6 ... 7h (with 1 tube)
Operating time 2 tubes	approx. 4h (with 2 tubes)
Luminous flux	2x 280 lm
Beam range	Room lighting
Rechargeable battery	Lead-gel battery, 6 V/4 Ah maintenance-free
Charging time	approx. 24 h at 230 V
Charging voltage	230 V 50/60 Hz
Weight	1,6 kg
Dimensions in mm	270x70x170

Applications

- Crafts
- Industry
- Construction sites
- Sports and leisure activities
- Security services
- Camping, outdoor

More safety and better vision!

Ordering Code

Model NeoLux 90

Type **45028** ☐

Package

Folding box (KV)

1

Spare Parts

Article No.	Designation
450802	Spare fluorescent lamp 6 W TL.6

Additional accessories and spare parts are available on request

Example for ordering key

450281

Model NeoLux 90, Type 45028, with
folding box (KV): 1

TuffLite 2AA Type 4310...

TuffLite 2D Type 4320...

Buoyant battery lamp
practical design and high lighting power

Description

The buoyant battery lamp, TuffLite, is absolutely impact resistant and watertight due to its rubber-coated plastic casing. All three TuffLite types convince with high light intensity facilitated by use of krypton filament bulbs and the patented metalized reflectors. The batteries are included.



Fig. 1: Lamp TuffLite 2AA, Type 4310...



Fig. 2: Lamp TuffLite 2D, Type 4320...

Special Features

- Impact-resistant plastic casing
- Rubber-coated
- Buoyant (swimming)
- Watertight
- Different sizes

Included in Delivery Entire Set

- 1 Lamp TuffLite 2AA (example Type 4310...)
Batteries are included



Fig. 3: Included in delivery TuffLite Type 4310..., Type 4320...

Dimensions



Fig. 4: Dimensions TuffLite Type 4310..., Type 4320...

Schematic illustration

Technical Data

Article No. (see ordering code)	4310...	4320...
Casing material	rubber-coated plastic casing	
(Basic) light bulb (HL)	P 13,5 s 2,2 V/0,47 A	P 13,5 s 2,4 V/0,7 A
Operating time	approx. 2,5 h	approx. 6 h
Beam range	approx. 150 m	approx. 500 m
Batteries	2x 1,5 V AA Mignon	2x 1,5 V D Mono
Luminous flux	8 Lumen	13 Lumen
Weight	160 g	380 g
Dimensions in mm	160x48	205x70

Applications

- Industry
- Crafts
- Household
- Outdoor (e.g. Camping)
- Sports and leisure activities

More safety and better vision!

Ordering Code

Model TuffLite 2AA

Type 4310 ☐ ☐

Model TuffLite 2D

Type 4320 ☐ ☐

Colour

Black (sw)



8

Package

Blister package (BV)

2

Example of ordering key

432082

Model TuffLite 2D, Type 4320, black (sw): 8,
with blister package (BV): 2

Spare Parts TuffLite 2AA, Type 4310...

Article No.	Designation
431801	Replacement bulb: 2,2 V, 0,47 A, P13,5 s for 2AA

Spare Parts TuffLite 2D, Type 4320...

Article No.	Designation
432801	Replacement bulb: 2,4 V, 0,7 A, P13,5 s for 2D

Additional accessories and spare parts are available on request



Made in Germany

The information corresponds to our current knowledge.
Witte+Sutor GmbH reserves the right to make technical changes. Liability
for consequential damages resulting from use of AccuLux products is excluded.

MegaLux 3 Watt LED Type 4460...

**Top class LED lamp
with state-of-the-art 3W-LED technology**

Description

This high-power LED torch, MegaLux 3 Watt LED, consists of an absolutely impact resistant and splash-proof aluminium casing. This innovative LED torch with only 14 cm length and a weight of only 178 g is the leader among comparable torches.

The high-power 3 Watt-Cree-LED made by the market leader, Lumileds, with a colour temperature of approx. 7 000 Kelvin emits bright white light and reaches a beam range of 150 m.

The constant brightness for a time of 5 hours is made possible by 3 micro batteries (AAA). The lamp also convinces with the long service life of the powerful, energy saving LED, making replacement of bulbs obsolete. MegaLux 3 Watt LED is especially meant for professional use as well as for hobbies and leisure activities.



Fig. 1: Lamp MegaLux 3 Watt LED, Type 4460...

Special Features

- Robust design in black anodized aluminium
- Splash proof
- High-power Cree LED with bright white light
- 50x brighter than common LEDs
- Light-weight, only 178 g
- Long operating time: 5 h
- Beam range of up to 150 m
- No replacement of bulb

Included in Delivery Entire Set

- 1 Lamp MegaLux 3 Watt LED
- 2 Carrying loop
- 3 Batteries 3x, Type LR 03, AAA



Fig. 2: Included in delivery MegaLux 3 Watt LED Type 4460...

Dimensions



Schematic illustration

Fig. 3: Dimensions MegaLux 3 Watt LED Type 4460...

3 Watt LED Torch

Technical Data

Article No. (see ordering code)	4460...
Casing material	Aluminium
Bulb	3 W Cree LED
Operating time	approx. 5 h
Beam range	approx. 150 m
Batteries	3x LR03, AAA
Luminous flux	170 Lumen
Enclosure type	IP 54
Weight	178 g
Dimensions in mm	140x37

Applications

- Crafts
- Security services
- Hobbies
- Industry
- Outdoor (e.g. Camping)
- Sports and leisure activities

More safety and better vision!

Ordering Code

Model MegaLux 3 Watt LED **Type 4460** ☐ ☐

Colour

Black (sw) ☒ 8

Package

Blister package (BV) 2

Example of ordering key 446082

Model MegaLux 3 Watt LED, Type 4460, black (sw): 8, with blister package (BV): 2

PetaLux Type 4910...

Extremely bright hand and helmet lamp with 3 Watt Power LED

Description

This high-power LED torch PetaLux consists of an impact resistant and waterproof plastic casing (IP 67). The innovative PetaLux – only 17 cm long and 167 g heavy – is the leader among comparable torches. The high-power 3 Watt-Cree-LED with a colour temperature of approx. 7 000 Kelvin emits bright white light and reaches a beam range of 150 m. The constant brightness for a time of 11 hours is made possible by 4 mignon batteries (AA). The lamp also convinces with the long service life of the powerful, energy saving LED, making replacement of bulbs obsolete. PetaLux is especially made for professional use as well as for hobbies and leisure activities.



Fig. 1: Lamp PetaLux, Type 4910...

Special Features

- Can be fixed at the helmet (helmet terminal holder as spare parts)
- Bipolar Power Management*
- Water tight: submersible til 1 m depth
- High-power Luxeon LED with bright white light
- Extremely bright: 200 lumens
- Light-weight, only 167 g
- Long operating time: 11 h
- Beam range of up to 150 m
- No replacement of bulb

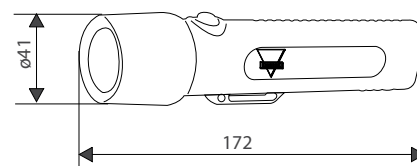
Included in Delivery

- 1 Lamp PetaLux
- 2 Batteries 4x, Type LR 6, AA



Fig. 2: Included in delivery PetaLux Type 4910...

Dimensions



Schematic illustration

Fig. 3: Dimensions PetaLux Type 4910...

3 Watt LED Torch

Technical Data

Article No. (see ordering code)	4910...
Casing material	Plastics (impact resistant)
Bulb	3 W Cree LED
Operating time	approx. 11 h
Beam range	approx. 150 m
Batteries	4x LR6, AA
Luminous flux	200 Lumen
Enclosure type	IP 67
Weight	167 g
Dimensions in mm	172x41

Applications

- Crafts
- Security services
- Hobbies
- Industry
- Outdoor (e.g. camping)
- Sports and leisure activities

More safety and better vision!

Bipolar Power Management*:

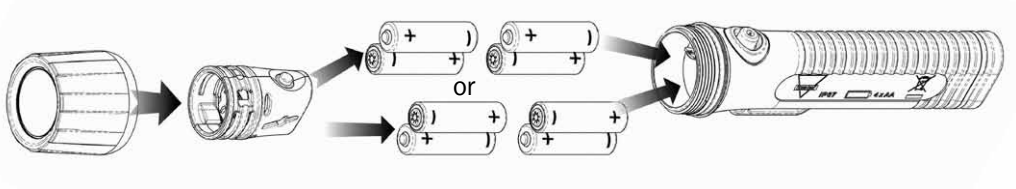


Fig. 4: Exploded drawing PetaLux Type 4910... with batteries

Ordering Code

Model PetaLux	Type 4910	<input type="checkbox"/>	<input type="checkbox"/>
Colour			
Black (sw)	<input checked="" type="checkbox"/>	8	
Package			
Blister package (BV)	<input type="checkbox"/>	2	

Example of ordering key 491082

Model PetaLux, Type 4910, black (sw): 8, with
blister package (BV): 2

Accessory

Article No.	Designation
492840	Terminal holder

Additional accessories and spare parts are available on request

Example Accessory



Fig. 5: Terminal holder

Short-Distance Range

Accessories Original 70, Type 4052...

Article No.	Designation	Page
405801	Replacement bulb E10, 2,2 V/0,25 A	8/99

Accessories LED 2000, Type 4052...

Article No.	Designation	Page
405851	Magnifying glass adapter model AccuLup	10/11

Long-Distance Range

Spare Parts NovoLux Halogen, Type 4202...

Article No.	Designation	Page
420801	Replacement bulb P13,5 s 4,8 V/0,5 A Halogen	14/15

Spare Parts Tourist Halogen, Type 4212...

Article No.	Designation	Page
421810	Additional replacement battery charger	16/17
421801	Replacement bulb P13,5 s 5,2 V/0,85 A Halogen	

Accessories PowerLux Halogen, Type 4223...

Article No.	Designation	Page
422870	Vehicle connector plug 12 V, colour: black	18/19

Spare Parts PowerLux Halogen, Type 4223...

Article No.	Designation	Page
422865	Replacement battery charger, colour: black	18/19
422864	Replacement battery charger, colour: green	
422862	Replacement battery charger, colour: signal orange	
422801	Replacement bulb P13,5 s/5,2 V/0,85 A, Halogen	

Spare Parts HighLite Halogen, Type 4233...

Article No.	Designation	Page
423820	Repl. rechargeable battery pack/spare battery	20/21
423870	Replacement plug charger 7 V/charger section	
423801	Replacement bulb 5,2 V/0,5 A E10 Halogen	

Spare Parts SuperLite Halogen, Type 4242...

Article No.	Designation	Page
424801	Replacement bulb E10/5,2 V/0,85 A, Halogen	22/23

Spare Parts UniLux 5, Type 4415...

Spare Parts UniLux 5 A, Type 4416...

Article No.	Designation	Page
441801	Replacement bulb: 5,2 V/0,85 A E10 Halogen	24/25
441842	Carrying loop (as an accessory)	

Explosion-Proof Lamps

Accessories AccuLux EX SLE 15 Set, Type 4574...

Article No.	Designation	Page
457872	Diffuser red	26/27
457873	Diffuser green	
457890	Bolt hook	
457802	Xenon-Lamp 4,0 V/0,5 A	

Spare Parts AccuLux EX SLE 15 Set, Type 4574...

Article No.	Designation
457830	Hand lamp
457881	Charging station
457801	Xenon-Lamp 4,0 V/0,8 A
457840	Seal ring, reflector to lamp head
457850	Vehicle cable 230 V
457851	Cable with plug 12 V/24 V
457870	Diffuser transparent
457871	Diffuser orange
457810	Replacement battery 4 V/3,5 Ah, lead gel

Accessories Four LED EX, Type 4172...

Article No.	Designation	Page
417840	Terminal holder	28/29

Accessories HL 25 EX, Type 4584...

Article No.	Designation	Page
458871	Charging unit 100 - 230 V for 1 lamp	30/31
458872	Charging unit 100 - 230 V for 2 lamps	
458873	Charging unit 100 - 230 V for 3 lamps	
458874	Charging unit 100 - 230 V for 4 lamps	
458875	Charging unit 100 - 230 V for 5 lamps	
458861	Charging unit 12 - 24 V for 1 lamp	
458862	Charging unit 12 - 24 V for 2 lamps	
458863	Charging unit 12 - 24 V for 3 lamps	
458864	Charging unit 12 - 24 V for 4 lamps	
458865	Charging unit 12 - 24 V for 5 lamps	

Spare Parts HL 25 EX, Type 4584...

Article No.	Designation
458810	Replacem. battery 3,7 V/4,6 Ah, Lithium-Ion
458841	Power supply 230 V for 1-way charg. station
458842	Pow. supply 230 V for 2-3 -way charg. station
458843	Pow. supply 230 V for 4-5 -way charg. station
458845	Car-cable set for charging stations 12 - 24 V

Accessories HL 10 EX, Type 4920...

Article No.	Designation	Page
492840	Terminal holder	32/33

Work and Emergency Lamps

Accessories AccuLux SL 5 LED Set, Type 456441

Accessories AccuLux SL 6 LED Set, Type 456541

Article No.	Designation	Page
457890	Bolt hook	34/35
457870	Diffuser transparent	
457872	Diffuser red	
457873	Diffuser green	

Spare Parts AccuLux SL 5 LED Set, Type 456441

Spare Parts AccuLux SL 6 LED Set, Type 456541

Article No.	Designation
456430	Lamp SL 5 LED
456530	Lamp SL 6 LED
456881	Charging station
456810	Rechargeable battery 4 V 3,5 Ah
457850	Power cable 230 V
457851	Vehicle cable with plug 12/24 V
457871	Diffuser, orange

Accessories AccuLux SL 5 Set, Type 4564...

Article No.	Designation	Page
457890	Bolt hook	36/37
457870	Diffuser transparent	
457872	Diffuser red	
457873	Diffuser green	

Spare Parts AccuLux SL 5 Set, Type 4564...

Article No.	Designation
456830	Lamp SL 5 Set
456881	Charging station
456810	Rechargeable battery 4 V 3,5 Ah
456801	Halogen lamp 4,0 V/0,8 A
457850	Power cable 230 V
457851	Vehicle cable with plug 12/24 V
457871	Diffuser, orange

Spare Parts JobLux 90 LED, Type 4510...

Article No.	Designation	Page
451801	Repl. main lamp 6 V/0, 9 A E10, Xenon lamp	38/39
453810	Rechargeable battery 6 V / 7,2 Ah	

Spare Parts JobLux 90 DB LED, Type 4520...

Article No.	Designation	Page
451801	Repl. main lamp 6 V/0, 9A E10, Xenon lamp	40/41
453810	Rechargeable battery 6 V / 7,2 Ah	

Work and Emergency Lamps

Spare Parts HaloLux 90 A LED, Type 4540...

Article No.	Designation	Page
453801	Replacement main lamp 6 V/10 W G4 Halogen	42/43
453810	Rechargeable battery 6 V / 7,2 Ah	

Spare Parts HaloLux S, Type 4554...

Article No.	Designation	Page
453801	Replacement main lamp 6 V/10 W, G4 Halogen	44/45
451802	Replacement pilot lamp 6 V/0,2 A W2x4,6d	
453810	Rechargeable battery 6 V / 7,2 Ah	

Spare Parts NeoLux 90, Type 45028...

Article No.	Designation	Page
450802	Spare fluorescent lamp 6 W TL.6	46/47

Battery-Powered Lams and Special Products

Spare Parts TuffLite 2AA, Type 4310...

Article No.	Designation	Page
431801	Replacement bulb: 2,2 V, 0,47 A, P 13,5 s for 2AA	48/49

Spare Parts TuffLite 2D, Type 4320...

Article No.	Designation	Page
432801	Replacement bulb: 2,4 V, 0,7 A, P 13,5 s for 2D	48/49

Accessories PetaLux, Type 4910...

Article No.	Designation	Page
492840	Terminal holder	52/53



Short-Distance

Article No. /Type	Designation	Bulb	Beam range	Operating time	Charging time in h
4990...	AutoLux LED	Nichia LED 5 mm	Short-distance	approx. 60 min	approx. 15
4082...	Joker LED	Nichia LED 5 mm	Short-distance	approx. 60 min	approx. 15
4052...	Original 70	E10 2,2 V/0,25 A	Short-distance	approx. 50 min	approx. 36
4052...	LED 2000	Nichia LED 5 mm	Short-distance	approx. 3,5 h	approx. 16
4132...	Multi LED	4x Nichia LED 5 mm	50 m	approx. 12 h	approx. 14

Long-Distance Range

Article No. /Type	Designation	Bulb	Beam range	Operating time	Charging time in h
4202...	NovoLux Halogen	P13,5 s 4,8 V/0,5 A Halogen	approx. 350 m	approx. 60 min	approx. 14
4212...	Tourist Halogen	P13,5 s 2,8 V/0,85 A Halogen	approx. 350 m	approx. 90 min	approx. 25
4223...	PowerLux Halogen	P13,5 s 5,2 V/0,85 A Halogen	approx. 1 000 m	approx. 90 min	approx. 15
4233...	HighLite Halogen	E10 5,2 V/0,5 A Halogen	approx. 1 000 m	approx. 150 min	approx. 50
4242...	SuperLite Halogen	E10 5,2 V/0,85 A Halogen	approx. 1 200 m	approx. 210 min	approx. 19
4415.../4416...	UniLux 5/UniLux 5A	E10 5,2 V/0,85 A Halogen	approx. 1 000 m	approx. 150 min	approx. 21

Explosion-Proof Lamps

Article No. /Type	Designation	Bulb	Beam range	Operating time	Charging time in h
4574...	AccuLux EX SLE 15 Set	Xenon 4,0 V/0,8 A	approx. 200 m	approx. 4 h/85 h	approx. 15
4172...	Four LED EX	4x Nichia LED 5 mm	approx. 50 m	approx. 12 h	approx. 12
4584...	HL 25 EX	3W Cree LED/1 W Cree LED	approx. 200 m	approx. 5 h/10 h	approx. 6
4920...	HL 10 EX	3W Cree LED	approx. 150 m	approx. 11 h	-

Work and Emergency Lamps

Article No. /Type	Designation	Bulb	Beam range	Operating time	Charging time in h
456441/456541	AccuLux SL 5 LED Set/ AccuLux SL 6 LED Set	3 W Power LED	app. 150/170 m	approx. 5 h/75 h	approx. 15
4564...	AccuLux SL 5 Set	4,0 V/0,8 A Halogen	approx. 150 m	approx. 4 h/75 h	approx. 15
4510...	JobLux 90 LED	Xenon 5,5 W	approx. 60 m	app. 4 h/120 h	approx. 10
4520...	JobLux 90 DB LED	Xenon 5,5 W	approx. 60 m	app. 7 h/200 h	approx. 18
4540...	HaloLux 90 A LED	Halogen 10 W	approx. 100 m	app. 3 h/200 h	approx. 18
4554...	HaloLux S	Halogen 10 W	approx. 100 m	approx. 4 h/29 h	approx. 4
45028...	NeoLux 90	Neon 2x TL 6 (6 Watt)	Room lighting	ap. 4 h/6 ... 7 h	ap. 24 h at 230 V

Battery-Powered Lamps and Special Products

Article No. /Type	Designation	Bulb	Beam range	Operating time	Charging time in h
4310.../4320...	TuffLite 2AA/Tufflite 2D	P13,5 s 2,2 V/0,47 A/ P13,5 s 2,4 V/0,7 A	app. 150/500 m	app. 2,5 h/6 h	-
4460...	MegaLux 3 Watt LED	3 W Cree LED	approx. 150 m	approx. 5 h	-
4910...	PetaLux	3 W Cree LED	approx. 150 m	approx. 11 h	-

Summary

Rechargeable battery/Batteries	Weight in g	Dimensions in mm (LxBxH)	Casing material
NiMH 4,8 V/20 mAh	35	83,5x28x20	Plastics
NiMH 4,8 V/20 mAh	36	100x40x18	Plastics
NiMH 2,4 V/300 mAh	68	97x45x29	Plastics
NiMH 4,8 V/150 mAh	63	97x45x29	Plastics
NiMH 4,8 V/550 mAh	152	135x48x48	Plastics

Rechargeable battery/Batteries	Weight in g	Dimensions in mm (LxBxH)	Casing material
NiMH 4,8 V/550 mAh	138	135x48x48	Plastics
NiMH 2,4 V/1 200 mAh	148	150x55x55	Plastics
NiMH 4,8 V/1 200 mAh	215	175x70x50	Plastics
NiMH 4,8 V/1 200 mAh	340	247x94	Plastics
NiMH 4,8 V/3 Ah	540	247x94x42	Plastics
NiMH 4,8 V/2 Ah	440	256x93x93	Plastics

Rechargeable battery/Batteries	Weight in g	Dimensions in mm (LxBxH)	Casing material
Lead gel battery, 4 V/3,5 Ah mainten.-free	1 100	104x245x120 (Set)	Polyamid
NiMH 4,8 V/550 mAh	150	135x48x48	ABS-VO
Lithium-IVOnen-Rechargeable battery 3,7 V/4,6 Ah	430	225x70x70	ABS-VO
4x LR6, AA	167	172x41	Plastics

Rechargeable battery/Batteries	Weight in g	Dimensions in mm (LxBxH)	Casing material
Lead gel battery, 4 V/3,5 Ah maintenance-free	1 100	104x245x120 (Set)	Plastics
Lead gel battery, 4 V/3,5 Ah maintenance-free	1 100	104x245x120 (Set)	Plastics
Lead gel battery, 6 V/4 Ah maintenance-free	2 000	126x112x336 (Set)	Plastics
Lead gel battery, 6 V/7 Ah maintenance-free	2 600	126x112x336 (Set)	Plastics
Lead gel battery, 6 V/7 Ah maintenance-free	2 600	126x112x336 (Set)	Plastics
Lead gel battery, 6 V/7,2 Ah maintenance-free	2 600	126x112x336 (Set)	Plastics
Lead-gel battery, 6 V/4 Ah maintenance-free	1 600	270x70x170	Plastics

Rechargeable battery/Batteries	Weight in g	Dimensions in mm (LxBxH)	Casing material
2x 1,5 V AA Mignon/2x 1,5 V D Mono	160/380	160x48 / 205x70	Plastics (rubber-coated)
3x LR03, AAA	178	140x37	Aluminium
4x LR6, AA	167	172x41	Plastics



www.acculux.de



Head Office

Witte + Sutor GmbH
Steinberger Straße 6
71540 Murrhardt, Germany
Phone +49 (0)7192 92 92 0
Fax +49 (0)7192 92 92 50
info@acculux.de

Product Overview

Lamps Short-Distance Range
Lamps Long-Distance Range
Explosion-Proof Lamps
Work and Emergency Lamps
Battery-Powered Lamps and Special Products
Spare Parts and Accessories