

## **COB/LED Lights** ...for the best possible lighting conditions!





### A new generation of lights

The new generation of lights from kwb Germany GmbH was developed to cover a wide range of applications. This means that kwb lights can be used under the most adverse conditions on construction sites, in workshops, in building services or even during leisure activities. What makes this possible is the ample range of fab features, smart detailed solutions and extensive variants and sizes (e.g. flood lights, head lights, pen lights and torches, etc.).

The modern **lithium-ion batteries with up to 6700 mAh** provide excellent support for mobile working. They can be charged using the supplied USB cable. Discharge protection, overcharge protection and the automatic, temperature-dependent charge stop guarantee maximum safety during operation. Some of the LED lights can even be used as a power bank to charge other devices with a USB interface (e.g. mobile phones).

The new generation of kwb lights with a luminous flux of **up to 1521 lm** and **up to seven light modes** adapts to every situation. The flexibly adjustable housing positions are used to provide illumination in almost every working environment and an extremely wide range of leisure activities performed in the dark. For example, some lamps of the new generation of kwb lights can even be mounted on standard tripods or held magnetically on surfaces that are sensitive to scratching, since they are equipped with a special **No-Scratch seal** in the magnet area.

kwb lights give peace of mind when they're used to provide safety in dangerous situations. Depending on the intended application, kwb lights are equipped with **red light** to preserve the eyes' ability to see in the dark and ensure that people will still be capable of taking action in dangerous situations.



#### **Highlights**

- Modern Li-ion batteries with up to 6700 mAh and automatic charge protection for safe operation
- · Extremely robust and flame-retardant housing with flexible positioning and mounting options
- · Dust-proof and jet-proof
- Up to 1521 Im and with up to seven light modes
- · A wide range of lighting functions: surface light, torch, hazard warning light and red light





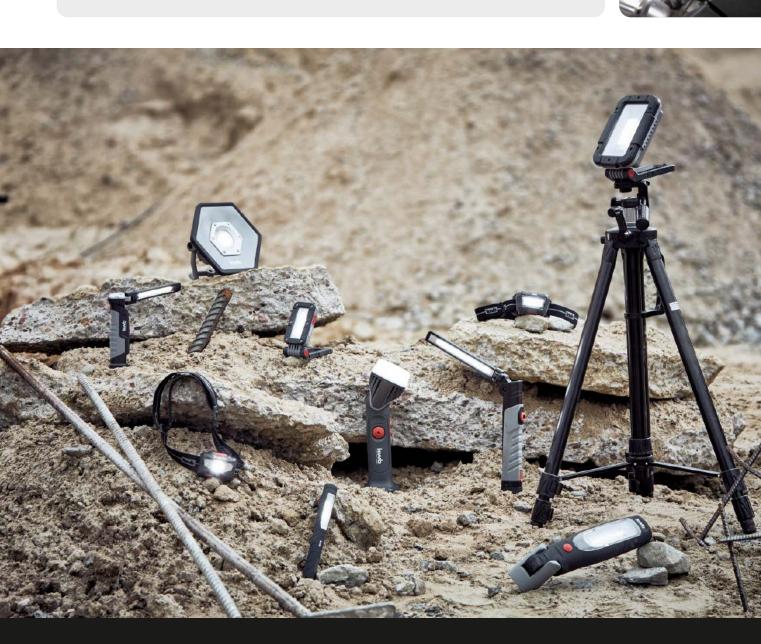
#### Work lights with Li-lon battery

The category of the work lights comprises in particular the models guaranteeing a large-scale, uniform and extremely bright illumination without having to be held with your own hands. The kwb work lights have at least always two different holding functions for diverse surfaces and are thus predestined for use on construction sites, workshops, in building services or in your free time.

#### battery powered work lights

Obviously, all kwb models are also suited for outdoor use, in this category there are special lights, which, due to their functions, shape and quality, are ideal companions for all outdoor activities.

### The categories

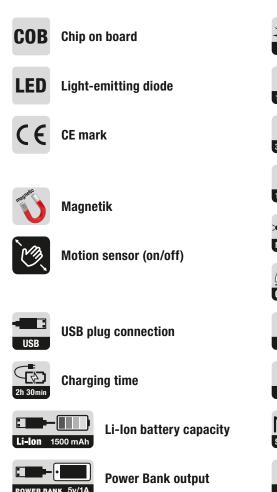


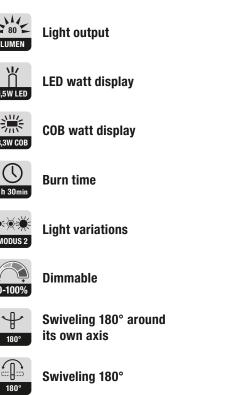






#### **Explanation: pictograms**





Scratch protection

IP Protection class



Low luminosity

1.0%

#### **Der ANSI FL-1 Standard**



#### **Beam Distance**

Describes the distance at which 0.25 LUX can still be measured in the light beam of the (focused) flashlight. This value can be compared with the light of the full moon on the ground when the night sky is clear.



#### Peak Beam Intensity = Maximum luminous intensity

Measurement of the maximum luminous intensity in the centre of the light beam and thus particularly relevant in the rating of classic flashlights with selective illumination. The value is indicated in candela. It can be compared to the light of a candle – we talk about 1 candela here.



#### **Impact Resistance**

Details in metres of the result of the drop test (carried out 6 times, concrete surface) where the flashlight remains fully functional and visually intact.



#### Water Resistance

This logo equates to the protection class test IPX4 and is thus protected from water splashes. The light is exposed to a jet of water from all sides for at least 5 minutes, and it must work both immediately after the test and also 30 minutes after without any limitations.



#### light performance / luminous flux / total amount of light = Lumen Logo

The lumen output refers to the measured, total light performance of the flashlight. Here the luminous flux in the entire illumination field is is measured and rated



#### Run Time

Classic test of the run time of a battery charge. The measurement is effected from switching on the light until the time when the light output has reduced itself to only 10% of the starting value and the user replaces the batteries.

## WORK LIGHTS ...with Li-lon battery!







The robust and flame-retardant hexagonal kwb floodlight enables mobile working under the most adverse conditions. The extremely long-life luminaire is dust-proof, protected against water jets and produces an extra large, homogeneous light cone in three light modes. **The lithium-ion rechargeable battery is perfectly protected due to the integrated overcharge and discharge protection as well as the temperature monitoring.** The spotlight can be set down, hung up so that it can be swivelled through 180° and mounted on standard light tripods. A USB charging cable (power plug not included) is supplied.

- SMD LED with max. 1277 Im luminous flux
- · Lithium-ion rechargeable battery with 5200 mAh
- Surface light with no hot spot formation
- · Extremely robust housing
- Flame-retardant housing material

ArtNr.	Description	6	Barcode
948800	kwb hexagonal floodlight	2	4 0 0 9 3 1 9 4 8 8 0 0 0





rabiner hook. A USB charging cable (power plug not included) is supplied.

- COB LED with max. 357 Im luminous flux
   Lithium-ion rechargeable battery with 2000 mAl
- Lithium-ion rechargeable battery with 2000 mAh
  Surface light with no hot spot formation
- Surface light with no not sp
   Bobust bousing
- Robust housing
- Flame-retardant housing material

ArtNr.	Description	6	Barcode
948910	kwb small floodlight	2	4"009319"489106









The robust, flame-retardant and long-life kwb inspection lamp featuring an integrated torch was developed for workshops and building services. It is dust-proof, protected against water jets and produces the required light cone in white or red (with hazard warning light function) in seven light modes. **The lithium-ion rechargeable battery is perfectly protected due to the integrated overcharge and discharge protection as well as the temperature monitoring.** The kwb inspection lamp can be swivelled through 180° and can be positioned with a hanging hook and magnet. A micro USB charging cable (power supply unit not included) is supplied.

- COB LED with max. 547 Im luminous flux
- Lithium-ion rechargeable battery with 2000 mAh
- Red and white surface light with no hot spot formation
- Flexibly positionable inspection lamp
- Flame-retardant housing material

ArtNr.	Description	6	Barcode
949110	kwb small inspection lamp	2	4 0 0 9 3 1 9 4 9 1 1 0 9



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#### kwb large and foldable inspection lamp

The robust, flame-retardant and long-life kwb inspection lamp featuring an integrated torch was developed for workshops and building services. It is dust-proof, protected against water jets and produces an extra large light cone in two light modes. The lithium-ion rechargeable battery is perfectly protected due to the integrated overcharge and discharge protection as well as the temperature monitoring. The kwb inspection lamp can be positioned with a hanging hook and magnet. A micro USB charging cable (power supply unit not included) is supplied.

- COB LED with max. 648 Im luminous flux (infinitely dimmable)
- · Lithium-ion rechargeable battery with 2600 mAh
- · Extremely bright white surface light with no hot spot formation
- · Flexibly positionable inspection lamp
- Flame-retardant housing material

ArtNr.	Description	6	Barcode
949200	kwb large and foldable inspection lamp	2	4 0 0 9 3 1 9 4 9 2 0 0 7



The kwb pen light is ideal for applications where a small but bright light source is required. The rechargeable battery is recharged with a micro USB cable; a mobile phone charger is also suitable to meet this need. The kwb pen light featuring seven LEDs brightens up the workplace, whether it's being held in your hand or attached using the strong magnet. The housing is sealed. So dirt is kept out. **The lithium-ion rechargeable battery of the kwb lamp is equipped with overcharge and discharge protection as well as temperature monitoring that interrupts the charging process if the ambient temperature is too high or too low**.

- · SMD LED with max. 131 Im luminous flux
- · Lithium-ion rechargeable battery with 750 mAh
- · Magnet and clip
- Extremely robust housing
- · Flame-retardant housing material





LED

#### kwb work light with 4 W COB LED

The dust-proof and splash-proof kwb work light with 4 W LED is ideal for areas of use where small but bright sources of light are needed – either hung up on a fold-out hook or attached using a strong magnet. The lithium-ion battery of the kwb lamp, which can be recharged with a mobile phone charger and a micro USB cable, is equipped with overcharge and discharge protection as well as temperature monitoring that interrupts the charging process if the ambient temperature is too high or too low.

- COB LED with max. 422 Im luminous flux
- · Lithium-ion rechargeable battery with 2600 mAh
- Swivelling
- Dust-proof and splash-proof
- · Flame-retardant housing material

ArtNr.	Description	6	Barcode
949300	kwb work light with 4 W COB LED	2	4 009319 493004



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The kwb area light is ideal for applications where a small but bright light source is required to light up the working environment. **The rechargeable battery is recharged with a micro USB cable; a mobile phone charger is also suitable to meet this need.** If you need to charge your mobile phone, the integrated powerbank supplies a 2 A charging current. The kwb area light with SMD LED brightens up the workplace, whether it's hanging on the fold-out hook, attached using the strong magnet, or simply put in position. Even dust and splash water cannot adversely affect the kwb area light.

- SMD LED with max. 999 Im luminous flux (infinitely dimmable)
- Lithium-ion rechargeable battery with 5200 mAh
- Swivelling and integrated powerbank
- · Dust-proof and splash-proof
- · Flame-retardant housing material

ArtNr.	Description	6	Barcode
949310	kwb area light with SMD LED and powerbank function	2	4 0 0 9 3 1 9 4 9 3 1 0 3



## **3W head light**

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The robust, flame-retardant and long-life kwb 3 W head light was developed for workshops and building services. It is dust-proof, protected against water jets and produces the required light cone in two light modes. A motion sensor enables contactless operation. The lithium-ion rechargeable battery is perfectly protected due to the integrated overcharge and discharge protection as well as the temperature monitoring. The kwb inspection lamp can be swivelled vertically and is extremely comfortable to wear due to a padded headband. A micro USB charging cable (power supply unit not included) is supplied.

- COB LED with max. 294 Im luminous flux
- Lithium-ion rechargeable battery with 1500 mAh
- Bright surface light with no hot spot formation
- Can be contactlessly switched on and off
- Flame-retardant housing material

ArtNr.	Description	6	Barcode
949710	kwb 3 W head light	2	4 009319 497101



COB

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		2m	294	
Li-lon 1500 mAh	4h	SV2	LUMEN	cd



## V head light LED

The robust, flame-retardant and long-life kwb 1.5 W head light was developed for workshops and building services. It is dust-proof, protected against water jets and produces the required light cone (with flashing and hazard warning light function) in seven light modes. The lithium-ion rechargeable battery is perfectly protected due to the integrated overcharge and discharge protection as well as the temperature monitoring. The kwb inspection lamp can be swivelled vertically and is extremely comfortable to wear due to a padded headband. A micro USB charging cable (power supply unit not included) is supplied.

- COB LED with max. 214 Im luminous flux
- Lithium-ion rechargeable battery with 1800 mAh
- Bright surface light with no hot spot formation
- With flashing light and SOS emergency blinking
- Flame-retardant housing material

ArtNr.	Description	6	Barcode
949700	kwb 1.5 W head light	2	4"009319"497002



## WORK LIGHTS ....battery powered!









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#### COB-LED pen light with magnet

The COB-LED pen light provides a unique light output in an extremely handy format. The rotating, magnetic clip makes the attachment of the pen light to work clothing and metallic surfaces ideal. The pen light feels at home in your briefcase and in the workshop car, and we are sure that it will find its suitable use, as it can be used universally. Energy supply by means of 3x 1.5 Volt AAA batteries.

ArtNr.	Description		Ē	Barcode		
15 piece in the display						
948630	COB-LED pen light with magnet		15	4 0 0 9 3 1 9 4 8 6 3 0 3		



**COB-LED** tubular light

The work light and flashlight in the handy tubular design permit the uniform illumination of large areas with the COB-LED attached on the side, as well as the classic spot illumination thanks to the flashlight function at the top of the light. The housing has a ribbed surface with soft touch finish. This work light is suited for stationary use thanks to the incorporated magnet at the bottom of the light and the shirt clip. Energy supply by means of 3x 1.5 Volt AAA batteries (included in scope of delivery).

ArtNr.	Description		6	Barcode		
16 piece in the display						
948695	COB-LED tubular light		16	4 009319 486952		



Super-bright, white LED telescopic magnet light brings light even to the darkest corners. Metal parts with a weight of up to 3.2 kg can be picked up from hard to reach corners and nooks using the strong magnet integrated in the lamp head. The telescopic magnet with the rubberised moulded handle lies perfectly in any hand. Pushed together the telescopic magnet with the handy clip fits into any shirt pocket. Energy supply by means of 3x 1.5 Volt LR 44 (included in the scope of delivery).

ArtNr.	Description		6	Barcode		
20 piece in the display						
953590	Telescopic magnet with LED		20	4 009319 535902		



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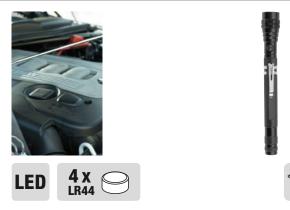
**3** x

AAA

#### Telescopic magnet with flexible LED head

The LED flashlight with infinite telescopic adjustment up to 57 cm with a 360° rotating and an extra strong magnetic luminaire head. Thanks to the flexible luminaire head, light can be brought even to hard to reach spots and small, loose metallic objects up to max. 2 kg can be picked up. The aluminium housing and the ribbed handle surface make this classic inspection tool fit ideally in your hand, it comes with a handy belt clip and offers a strong magnet on the underside for attachment to metallic surfaces. The octagon luminaire head counteracts the rolling away of the telescopic flashlight. Energy supply by means of 4x 1.5 Volt LR44 batteries (included in the scope of delivery).





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#### **COB-LED** headlight

## Image: State of the state

The COB variant of the classic headlamp impresses with its extreme illumination at close, medium and far range and its comfortable wear. The two adjustable stretch bands permit precise attachment to the helmet or head and it has a high-quality soft touch ABS housing. The housing can be inclined in 5 steps separately from the carrier plate. The three different lighting modes can be switched in sequence via the rotary switch. Energy supply by means of 3x 1,5 Volt AAA batteries (included in the scope of delivery).

ArtNr.	Description		6	Barcode		
8 piece in the display						
947799	COB-LED headlight		8	4 0 0 9 3 1 9 4 7 7 9 9 8		

#### LED headlight with 7 LEDs



The LED headlight creates the required light by means of 7 traditional, extremely energy-saving LEDs. Ideal when working at close or medium range. The two adjustable stretch bands provide a snug fit on the head or helmet. It has an adjustable angle of inclination, as well as 4 different lighting modes, which can be adjusted in sequence using the pushbutton. Energy supply by means of 3x 1.5 Volt AAA batteries (included in the scope of delivery).

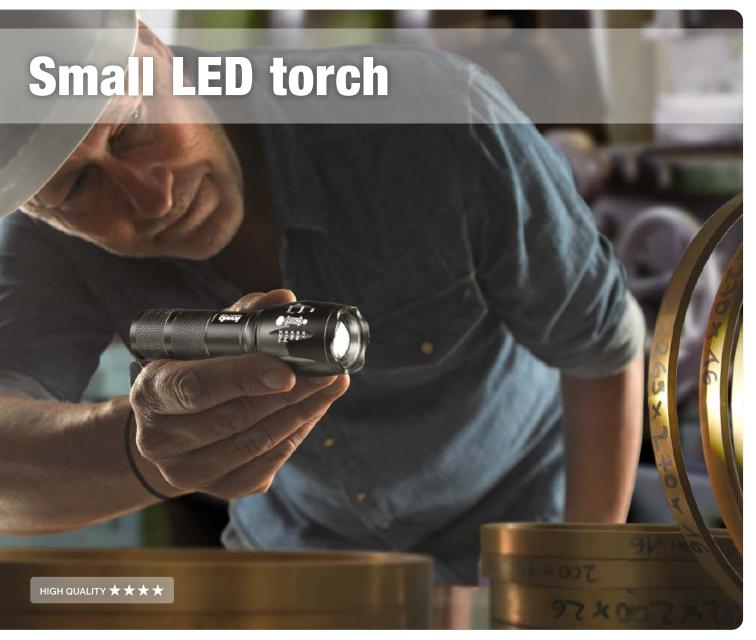
ArtNr.	Description		6	Barcode		
6 piece in the display						
947790	LED headlight with 7 LEDs		6	4 0 0 9 3 1 9 4 7 7 9 0 5		

#### PROMO

## **FLASHLIGHTS** ...your most important companion at work!

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The kwb LED torch is the ideal companion whether you're at work, at home or enjoying leisure activities. The kwb LED torch with stepless zoom function and five light modes brightens up the surroundings, whether it's being held in your hand or hung up. The robust aluminium housing meets all requirements.

- · LED with max. 282 Im luminous flux
- Robust housing
- · Robust nylon cord
- AAA batteries (included in the scope of delivery)
- Non-slip

ArtNr.	Description	6	Barcode
949510	kwb small LED torch	1	4 009319 495107





#### kwb medium LED torch

The kwb LED torch is the ideal companion whether you're at work, at home or enjoying leisure activities. The kwb LED torch with stepless zoom function and two light modes brightens up the surroundings, whether it's being held in your hand or attached to your work clothes. The robust aluminium housing with a non-slip surface meets all requirements.

- · LED with max. 835 Im luminous flux
- ٠ Robust housing
- ٠ Robust nylon cord
- AAA batteries (included in the scope of delivery) ٠
- Non-slip

ArtNr.	Description	6	Barcode
949520	kwb medium LED torch	1	4 0 0 9 3 1 9 4 9 5 2 0 6



The kwb LED torch is the ideal companion whether you're at work, at home or enjoying leisure activities. The kwb LED torch with stepless zoom function and five light modes brightens up the surroundings. The robust aluminium housing with a non-slip surface meets all requirements.

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Barcode

4 0 0 9 3 1 9 4 9 5 3 0 5

- LED with max. 811 Im luminous flux
- ٠ Robust housing
- Surface light with hot-spot formation
- · C batteries (included in the scope of delivery)

Description

kwb large LED torch

Non-slip

Art.-Nr.

949530





HIGH	QUALITY	$\mathbf{\star}$	$\star$	$\star$	7



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#### LED TAC Light, 9 cm, 1 Watt

# <image>

The handy variant of the flashlight wit original Taiwanese "EPISTAR" 1 Watt LED. A 2 mm impact-proof ABS housing ensures the right accommodation of technology and thanks to the wrist strap you will no longer lose the flashlight. This 9 cm long and only 2.5 cm wide flashlight is ideal for on the go and can be stored even in the smallest of bags, whilst delivering an enormous power for its size when needed. The light effect is characterised both by a large-scale illumination at close and medium range and a focused spot further away. This feature makes the flashlight a real all-rounder. This is guaranteed by the optimally ground and break-proof lens. Energy supply by means of 2x 1.5 Volt AAA batteries (included in scope of delivery).

ArtNr.	Description	6	Barcode
24 piece	in the display		
948120	LED TAC Light, 9 cm, 1 Watt	24	4 0 0 9 3 1 9 4 8 1 2 0 9

#### LED TAC Light, 19 cm, 3 Watt

# 

#### PROMO

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The flagship in the flashlight range with original Taiwanese "EPISTAR" 3 Watt LED. A 3 mm impact-proof housing ensures the right accommodation of technology and thanks to the wrist strap you will no longer lose the flashlight. The largest model in the flashlight range impresses with compactness and the large-scale illumination at close and medium range, and also a focused spot further away. This is guaranteed by the optimally ground and break-proof lens. Energy supply by means of 6x 1.5 Volt AA batteries (included in scope of delivery).

ArtNr.	Description	ß	Barcode
15 piece	in the display		
948140	LED TAC Light, 19 cm, 3 Watt	15	4 0 0 9 3 1 9 4 8 1 4 0 7

#### LED light TACTICAL ZOOM



The entry-level flashlight with a tactical appearance and a focus function, which can be adjusted via a rotating ring, guarantees ideal illumination in any situation. The economical LED flashlight with wrist strap. Energy supply by means of 3x 1.5 Volt AAA batteries (included in scope of delivery).

ArtNr.	Description	6	Barcode
18 piece	in the display		
948190	LED light TACTICAL ZOOM	18	4 0 0 9 3 1 9 4 8 1 9 0 2





ArtNr.	Description	6	Barcode
12 piece	in the display		
948395	MINI LED keychain set, 2 pieces.	12	4 0 0 9 3 1 9 4 8 3 9 5 1

#### MINI flashlight with 9 LEDs

The ideal flashlight for the household, emergency situations, children and all other conceivable situations. It is small, handy and an eye-catcher thanks to the anodised aluminium, which helps it to be easily found again wherever you store it. The MINI flashlights are available in different colours. A long operating time is guaranteed by the 9 economical LEDs. Energy supply by means of 3 x 1.5 Volt AAA batteries (included in the scope of delivery).

ArtNr.	Description	Ē	Barcode
16 piece	in the display		
948291	MINI flashlight with 9 LEDs	16	4"009319"482916



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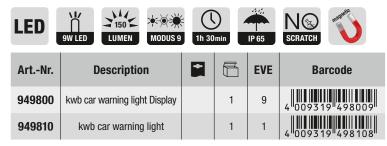






The kwb car warning light is an essential piece of equipment in every vehicle. The kwb car warning light with nine different lighting and warning modes provides extra safety. The robust plastic housing can withstand all weather conditions. Thanks to the magnet and hook, it can be positioned almost anywhere – even on the ground.

- LED with max. 150 Im luminous flux
- · Seven hazard warning flashing modes and two lighting modes
- Robust
- · Fold-out hook
- · Light can be switched between red and white









## MULTI FUNCTIONAL LIGHTS

for mobile work in the workshop or on construction sites

Components available in: 1,00 m 1,25 m 1,33 m

## **REQUEST YOUR OFFER TODAY!**





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