



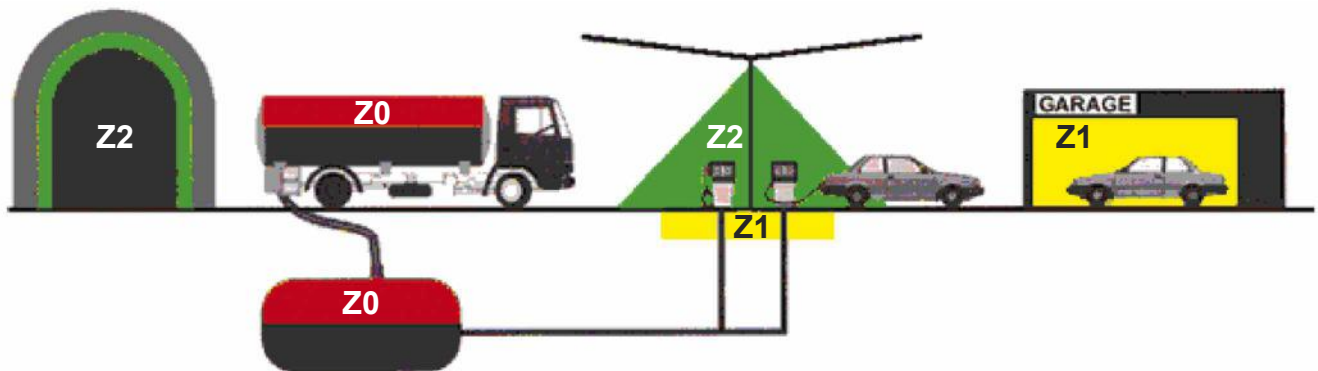
FLASH LIGHTS

Infos for Ex-protection

Explanation of the EX-characterization e.g. for 4AA-ES in Zone 1:

CE	Sign for the declaration of conformity of the supplier for the marked of the European Union
Ex	Ex in hexagonal means "explosion-proof"
II	Stands for ATEX-group II = for the mission outside of mines
2	Stands for ATEX-group 2 (Zone 1) = normal operating condition
G	Tested for gases and smokes
D	Tested for dusts
Ex	For the new European standards tested apparatus for the use in explosive atmospheres
e	Stands for increased safety: The beginning of sparks, arcs or incorrect temperatures, which can act as ignition source, is avoided by additional action and an increased grade of safety
ib	Stands for intrinsic safety: The operating material which is used in explosion areas only have intrinsically circuits. A circuit is intrinsically, if a spark and no thermic effect appears, which can cause the spark ignition of a specified explosion atmosphere.
IIC	Gas-group (in this case "acetylene & hydrogen")
T4	T (1, 2, 3, 4, 5, 6) is the temperature class of the lamp accordingly the maximum surface temperature of the reflector: T1 = 450° C, T2 = 300° C, T3 = 200° C, T4 = 135° C, T5 = 100° C, T6 = 85° C

Zone-definition



Zone 0	Danger of explosion is steadily or for long period existing, e.g. in the inside of gas tanks	In this zone you don't stay
Zone 1	Danger of explosion can happen (10 to 1000 hours a year), e.g. in the near of filling hatch	e.g. chemical industry
Zone 2	Danger of explosion can happen only in exceptional cases, e.g. manufacturing rooms in chemical industry	Normal operating condition

Torch UK 2AAA Penlight ATEX



Small, handy pen torch. Ideal for maintenance and inspection work wherever explosion protection is required. This small and lightweight torch can be carried in your pocket like a ballpoint pen using the clip attached to the housing, and is therefore ready for use at all times.

The lamp is available with a xenon or LED bulb. The xenon technology provides excellent luminance, and the LED version will provide light for an extremely long time with one battery charge.

Both lamps are available with a rotating head switch or a rear switch. The rear switch ensures that the lamp can also be operated one-handed.

Features:

- 100% waterproof and dust-tight
- Extremely bright xenon bulb in pre-focussed quality reflector
- Rear switch or rotary head switch
- Complies with CENELEC (CE) requirements
- EEx-tested (Ex) in accordance with the latest European (ATEX) standards
- Explosion protection class: II 2G Ex ib e IIC T5

Technical data:

Alkaline batteries: 2 x AAA
Luminance: 12 lumen
Operating: 1.5-2 hrs.
Dimensions: 120 x 17 x 15 mm
Scope of delivery: Lamp with batteries, on blister

article no	item	weight g
9219070S	With rotary head switch, neon yellow	42
9219080S	With rear switch, neon yellow	42
9219020S	Spare reflector	5
9219005S	Optical fibre attachment	20
9241002S	Battery AAA/Micro/LR03	15

Torch UK Mini Pocket Light



Extremely small and handy torch for keeping in your trouser pocket or on a key ring. Ideal for maintenance and inspection work, even if explosion protection is required. This small and lightweight torch can be attached to the peak of your cap, for example, using the provided clips, and will illuminate your working area without you having to use your hands.

The lamp is available with a xenon or LED bulb. The xenon technology provides excellent luminance and is ATEX certified, and the LED version will provide light for an extremely long time with one battery charge.

Both lamps can be switched on and off using the rotary head switch.

Features:

- 100% waterproof and dust-tight
- Extremely bright xenon bulb in pre-focussed quality reflector
- Rotary head switch
- Complies with CENELEC (CE) requirements
- EEx-tested (Ex) in accordance with the latest European (ATEX) standards
- Explosion protection class: II 2G Ex ib e IIC T5

Technical data:

Alkaline batteries: 2 x AAA
Luminance: 12 lumen
Operating: 1.5-2 hrs.
Dimensions: 75 x 26 x 15 mm
Scope of delivery: Lamp with batteries, key ring, belt clip on blister

article no	item	weight g
9219045S	Xenon pocket light, neon yellow	37
9219020S	Spare reflector	5
9219005S	Optical fibre attachment	20
9241002S	Battery AAA/Micro/LR03	15

Headlamp UK 3AAA LED ATEX VIZION [i]



Revolutionary new headlamp concept from UK. The removable and individually usable insert is the special highlight of this new lamp. The lamp can be used in three modes using a rotating filter: focussed, diffused and red light. The module can be used individually when working in difficult areas or used as a tent lamp or reading lamp. The lighting duration is extremely long at 150 hrs, which is achieved using a special method that utilises the heat of the LED lamp to preserve the battery. This also improves operation at extremely low temperatures. The lamp can be switched in two stages.

The extremely large switch can even be properly operated wearing thick gloves. The angle of the lamp on the head can also be properly adjusted using a large knob.

In order to secure the lamp to a helmet easily and securely, the lamp is equipped with a head band made from special rubber. The rubber ensures that the head band cannot slip off a smooth surface such as helmets, but remains firmly anchored.

Features:

- White high-performance LED
- 100% waterproof and dust-tight up to 10 m
- 150 hours of constant brightness using the special electronics
- Rubberised on/off switch
- Complies with CENELEC (CE) requirements
- EEx-tested (Ex) in accordance with the latest European (ATEX) standards
- Explosion protection class: II 2G EX e ib IIC T4 / II 2D Ex ibD 21 T 98°C

Technical data:

Alkaline batteries: 3 x AAA

Luminance: 42 lumen

Operating: 150 hrs.

Dimensions: 74 x 37 x 46 mm

Scope of delivery: Headlamp with batteries, on blister

article no	item	weight g
9219569S	Vizion, black	110
9219561S	Vizion, neon yellow	110
9241002S	Battery AAA/Micro/LR03	15

Work light UK 300 ATEX



The compact high-performance xenon work light with pressure relief valve that can withstand any professional requirement

The almost unbreakable plastic housing has a sprung and non-slip belt and jacket clip for quick and secure attachment to work clothing. A steel karabiner ring and a hand strap with fastener are also provided.

Features:

- rotating head switch
- Waterproof up to 3 m, and dust-tight
- Robust ABS housing
- Extremely bright xenon bulb in pre-focussed quality reflector
- Pressure compensation valve
- Non-conductive
- Corrosion resistant
- EEx-tested (Ex) in accordance with the latest European (ATEX) standards
- Explosion protection class: II 2G Ex ib IIB T5

Technical data:

Alkaline batteries: 3 x C

Luminance: 53 lumen

Operating: 4-6 hrs.

Dimensions: 191 x 54 x 49 mm

Scope of delivery: Lamp with batteries, in box

article no	item	weight g
9219265S	UK 300, neon yellow	500
9241010S	Battery C/Baby/LR14	67

Helmet and work light UK 3AA eLED CPO



The new high-end model from the UK 3AA model series. This lamp has all of the newly-developed technical features such as CPO (Compound Path Optics) and TRS (Thermal Recovery System).

Advantage of the (CPO) Compound Path Optics: Extremely efficient reflector technology in a confined space. The light of the extremely bright high-performance LED, which exits from the front, is first reflected back by a mirrored lens and then exits as a concentrated beam of light after being bundled by the reflector. Unwanted diffused light is therefore reduced to an absolute minimum. The spot remains clearly defined, but large enough to provide visibility in any situation.

Advantage of the (TRS) Thermal Recovery System: Modern high-performance LED's lose power as they become hotter. On the other hand, the performance of the batteries deteriorates as the temperature drops. UK has now transformed these two characteristics into a positive effect with the Heat Recovery System. The system ensures that the heat that is given off by the LED is led to the batteries. The result: the light output of the LED's remains at the maximum level even for long periods, and the duration of use with batteries is increased by up to 10%! This is the most powerful lamp in the UK 3AA product range, with luminous power of 110 lumen.

The lamp is equipped with a rubberised rear switch that is easy to operate with your thumb. In combination with its extremely bright light, this also makes the lamp an interesting alternative for security forces. Of course, this lamp also has the option of switching on and off by rotating the top of the lamp.

Features

- White high-performance LED
- 100% waterproof and dust-tight up to 3 m
- LED life time approx 10.000 hrs
- Rubberised on/off switch
- Conductive
- Corrosion resistant
- Complies with CENELEC (CE) requirements
- EEx-tested (Ex) in accordance with the latest European (ATEX) standards
- Explosion protection class: II 2G Ex eib IIC T6 / II 2D Ex ibD 21 T61°C

Technical data

Alkaline batteries: 3 x AA
Luminance: 110 lumen
Operating: 6-8 hrs.
Dimensions: 135 x 40 x 35 mm
Scope of delivery: UK 3AA CPO TS/ES on blister card, with 3 AA batteries (Mignon)

article no	item	weight g
92220625	UK 3AA eLED CPO TS, rear switch, black with reflective stripes	154
92220685	UK 3AA eLED CPO ES, front switch, black with reflective stripes	154
92410065	Battery AA/Mignon/LR06	20

Helmet and work light UK 4AA eLED CPO



The new high-end model from the UK 4AA model series. This lamp has all of the newly-developed technical features such as CPO (Compound Path Optics) and TRS (Thermal Recovery System).

Advantage of the (CPO) Compound Path Optics: Extremely efficient reflector technology in a confined space. The light of the extremely bright high-performance LED, which exits from the front, is first reflected back by a mirrored lens and then exits as a concentrated beam of light after being bundled by the reflector. Unwanted diffused light is therefore reduced to an absolute minimum. The spot remains clearly defined, but large enough to provide visibility in any situation.

Advantage of the (TRS) Thermal Recovery System: Modern high-performance LED's lose power as they become hotter. On the other hand, the performance of the batteries deteriorates as the temperature drops. UK has now transformed these two characteristics into a positive effect with the Heat Recovery System. The system ensures that the heat that is given off by the LED is led to the batteries. The result: the light output of the LED's remains at the maximum level even for long periods, and the duration of use with batteries is increased by up to 10%! This is the most powerful lamp in the UK 4AA product range, with luminous power of 130 lumen.

The lamp is equipped with a rubberised rear switch that is easy to operate with your thumb. In combination with its extremely bright light, this also makes the lamp an interesting alternative for security forces. Of course, this lamp also has the option of switching on and off by rotating the top of the lamp.

Features

- White high-performance LED
- 100% waterproof and dust-tight up to 3 m
- LED life time approx 10.000 hrs
- Rubberised on/off switch
- Conductive
- Corrosion resistant
- Complies with CENELEC (CE) requirements
- EEx-tested (Ex) in accordance with the latest European (ATEX) standards
- Explosion protection class: II 2G Ex eib IIC T4 / II 2D Ex ibD 21 T98°C

Technical data:

Alkaline batteries: 4 x AA
Luminance: 130 lumen
Operating: 8-10 hrs.
Dimensions: 157 x 40 x 35 mm
Scope of delivery: UK 4AA CPO TS/ES on blister card, with 4 AA batteries (Mignon)

article no	item	weight g
92195165	UK 4AA eLED CPO TS, rear switch, black with reflective stripes	180
92195175	K 4A eLED CPO ES, front switch, black with reflective stripes	180
92410065	Battery AA/Mignon/LR06	20

Helmet and work light UK 4AA EN Xenon



Basic configuration. Low-cost, reliable xenon technology for good light output and rotating head switch for switching on and off. Pure functionality. Nothing else!

Technical data:

Luminance: 38 lumen
Operating: 4-5 hrs.
Dimensions: 157 x 40 x 34 mm
Explosion protection class: II 2G EX e ib IIC T4
 II 2D Ex ibD 21 T 98° C

Scope of delivery: UK 4AA-EN on blister card with 4 AA batteries (Mignon)

article no	item	weight g
9222036S	EN Xenon, neon yellow	154
9222042S	Spare reflector UK4AA ES/EN/ET	10
9241006S	Battery AA/Mignon/LR06	20

Holster for UK 3AA and 4AA



article no	item	weight g
9219130S	EN Xenon, neon-yellow	50

Helmet and work light UK 4AA eLED Zoom S/T



The new improved version of the well-tried UK 4 AA eLED Zoom. Additional light efficiency by means of a much-improved high-performance LED and the improved explosion protection class emphasise this product's claim to be the standard in its performance class.

The UK 4 AA eLED Zoom can now be ordered with either the well-tried front switch or the new rear switch (model T). This makes it an excellent lamp for security forces. Of course, this lamp also has the option of switching on and off by rotating the top of the lamp.

Technical data:

Luminance: 90 lumen
Operating: 10.5 hrs.
Dimensions: 172 x 40 x 37 mm
Explosion protection class: II 2G EX e ib IIC T4
 II 2D Ex ibD 21 T 98° C

Scope of delivery: UK 4 AA eLED Zoom S/T on blister card with 4 AA batteries (Mignon)

article no	item	weight g
9222002S	eLED Zoom S, front switch, neon yellow	180
9222008S	eLED Zoom T, rear switch, neon yellow	180
9222014S	Spare reflector	25
9241006S	Battery AA/Mignon/LR06	20

Universal helmet clip



3-piece plastic holder, suitable for the majority of helmets, many adjusting facilities, in blister pack, made in USA.

article no	weight g
9219125S	60

UK 4AA ES/ET Xenon



The best seller. The most frequently sold and widely used helmet lamp. Low-cost, reliable xenon technology for extremely good light efficiency. This light now also has improved explosion protection and an optional rear switch (ET model).

Of course, both the rear switch and the front switch version can also be switched on and off using the rotating head. With individual lettering on request.

Technical data:

Luminance: 38 lumen
Operating: 4-5 hrs.
Dimensions: 157 x 40 x 34 mm
Explosion protection class: II 2G EX e ib IIC T4
 II 2D Ex ibD 21 T 98°C

Scope of delivery: UK 4AA-ES/ET on blister card with 4AA batteries (Mignon)

article no	item	weight g
9222020S	ES, front switch, neon yellow	154
9222026S	ET, rear switch, neon yellow	154
9222042S	Spare reflector UK4AA ES/EN/ET	10
9241006S	Battery AA/Mignon/LR06	20

HAND SPOT LIGHT Eisemann HS 4 Ex



The portable lamp of line HS 4 Ex are explosion-proof and electrical equipment and serve for illumination of shops and offices of a factory and storages in areas of zone 1 and 2 where there is a danger of explosion. They can be used inside or outside.

Features:

- Robust impact resistant polyamide housing
- Portable lamp for use in zones 1 and 2
- Explosion proof to II 2 G EEX ib e IIC T4
- Snap-on with eye
- Maintenance free lead-acid battery
- Increased, folding handle
- Microprocessor controlled charging technology with battery indicator
- With powerful halogen bulb
- Thread breakage detection (automatic switchover to economy lamp)
- Save of deep discharge
- Flashlight with head lamp
- Possible outside the hazardous area emergency light charger

Technical data:

Luminance: 9500 cd
Main lamp: halogen 4V, 2W, 500 mA, E10
Saving lamp: bulb 3.7 V, 1.1 W, 300 mA, E10
Battery: Lead-acid battery, maintenance free, 4V, 3.5 Ah
Operating time: approximately 6-7 hours
Dimensions: 104 x 72 x 320 mm

Scope of delivery:

- 1 x portable lamp HS 4Ex
- 1 x charger
- 1 x battery
- 1 x each orange and colorless prism-Washers
- 1 x cable 230V
- 1 x cable 12/24

article no	item	weight g
9219261S	HS4 Ex with battery and charger	2300

Responder RA handlamp



The design of this battery-powered and explosionprotected portable lamp makes it a unique tool during operations.

The RA responder can be optionally operated with a rechargeable 4.8 V NiCad battery pack or with four alkaline C batteries (Baby) – providing unique flexibility. The Responder RA provides more than two hours of light with the battery pack, with a charging time of two hours using the QuickCharger II, which is included in the scope of delivery. An additional five hours of light are available with battery operation.

No risk of overcharging: The intelligent charging station continuously monitors the charge level of the batteries. The lamp can therefore be kept in the charging as an independent tool. The QuickCharger II charging station includes a spare NiCad battery pack as well as the lamp. The charging system is microprocessor-controlled, and has an LED status indicator.

The robust plastic casing is water spray protected and extremely tough. It can withstand falls from heights of up to 10 m without sustaining damage. With the aid of the sturdy stainless steel jacket clips on the rear of the casing, the lamp can be simply secured to clothing during operations. This keeps the hands free. The lamp head contains two additional spare bulbs. This ensures that you always have a backup if the lamp fails.

Features:

- Robust, indestructible, shockproof and water spray proof nylon housing
- Sturdy jacket and belt clip on rear of casing
- Can be operated with rechargeable battery pack or batteries
- Explosion protection zone I: II 2 G EEx ib e IIB T3
- Two spare bulbs in lamp head
- Universal charger 12/24/230 V
- Spare rechargeable battery pack (optional) can be charged in charger simultaneously
- Extremely good price/performance ratio

Scope of delivery:

- 1 x Responder RA portable lamp
- 1 x NiCad rechargeable battery pack
- 1 x QuickCharger II universal charger 12/24/230 V
- 2 x spare bulbs in lamp head

Technical data:

- Luminance:** 45,000 Candela
- Rechargeable batteries:** NiCad 4.8 V, 1.6 Ah
- Bulb:** Halogen
- Weight:** 450 g (incl. rechargeable batteries)
- Dimensions head/D/H:** 77 Ø x 70 x 175 mm

article no	item	weight g
92124405	Responder RA with rechargeable battery and charger	1325
92124465	Responder RA with rechargeable battery without charger	500
92124485	Responder RA with alkaline batteries	500
92124445	Spare rechargeable battery pack	250
92124425	Quick Charger II for a Responder RA	875
92124495	Charging array for four Responder RA's	5500