

PARAT 



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PARALUX®
CERTIFIED
LIGHTING



PARAT X-TREME®
PROFESSIONAL
LIGHTING

PARASNAP®
MOUNTING
SYSTEM

**Professional Lighting
with system**

www.lighting.parat.de

2014 – 2015

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LIGHTING

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Professional safety torches from PARAT:

PARALUX CERTIFIED LIGHTING and PARAT X-TREME® PROFESSIONAL LIGHTING – two series of lamps, but one aim: robust, functional and handy lamps in accordance with the latest standards at simultaneously the best possible luminosity. The PARALUX® lamps are the true all-rounders possessing innovative technical features, combined with protection against explosions per ATEX and IECEx (gas and dust) standards, which can be used even in conditions of fire, gas or heat.

If protection against explosion is not required, then, simply grab the brand new PARAT X-TREME® Professional Lighting line. Because these torches still continue to be waterproof, dustproof and airtight, as well as impact resistant. Proven quality from the explosion protection range will impress everyone with much more luminosity.



How we test at DEKRA ...



The professional safety torches in the PARALUX CERTIFIED LIGHTING series are tested and certified by DEKRA EXAM GmbH. Experts specialized in protection against explosion, safety for humans and personal protective equipment have thoroughly sampled the lamps and tested every possible area of use.

DEKRA EXAM offers independent technological services to various manufacturers, where the focus is on testing and certification of devices, electrical operating systems and personal protective equipment for use in potentially explosive areas.

Certified safety or maximum power?

Brand new lamps from the **PARAT X-TREME® PROFESSIONAL LIGHTING** series offer maximum power with much more luminosity. These handy lamps can also be used professionally without the explosion protection. Even lamps in the **PARALUX® CERTIFIED LIGHTING** range for the safety zone are convincing with their higher light output, which can be used even in conditions of fire, gas or heat.

Now, select: certified safety or maximum power.



PARALUX®
CERTIFIED
LIGHTING

- EX-Protection
- 100 % waterproof, airtight and dustproof
- Luminosity: up to 120 lumens*
- Beam range: up to 150 m
- Material: Polycarbonate and XAG
- Weight: 20 – 130 g (excluding batteries)
- Lamp: LED or Xenon
- non-conductive or highly conductive
- Colours: yellow or red
- suitable e.g. for fire brigades, rescue services & disaster control, military and police, safety technology, trade and industry

PARAT X-TREME®
PROFESSIONAL
LIGHTING

- 100 % waterproof, airtight and dustproof
- Luminosity: up to 170 lumens*
- Beam range: up to 200 m
- Material: Polycarbonate
- Weight: 20 – 80 g (excluding batteries)
- Lamp: LED
- non-conductive
- Brightness intensity switch (X1)
- Colours: black, white, blue
- suitable e.g. for building's installations, outdoor, maintenance work, trade and industry, engineering work

* Angaben des LED Herstellers bezugnehmend auf das Leuchtmittel.



Safe lighting for every situation of use

Compact, powerful, safe:
the PARALUX® safety torches are
the ideal companions in use.

PARALUX® CERTIFIED LIGHTING.

They fit into every pocket and are waterproof, airtight, and dustproof. The torches produce a powerful, concentrated light and provide maximum safety and, among other things, tested protection against explosion. The combination of technical features, as well as ATEX and STAUBEX certifications renders these torches into a perfect tool for use in extreme conditions. Choose according to your requirements. PARALUX®: Safe light for every situation of use.



The PARALUX®-features at a glance:

- EX-Protection for ATEX zones 0, 1, 2 and STAUBEX zone 21, 22
- Dekra-certified in accordance with ATEX and IECEx
- Luminosity: up to 120 lumens*
- Beam range: up to 150 m
- PX0 and PX1 are compatible with nearly all helmet mounts
- Lamp: LED or Xenon
- Material: Polycarbonate or XAG
 - XAG = high-impedance conductive plastic (1GΩ) > IIC (gas group IIC) Protection against ESD / EMI / RFI
 - PC = non-conductive plastic > Gas group IIB
- Rear switch for single-handed operation
- Waterproof and dustproof as per IP68

* Specifications by the LED provider with reference to the lamp.



LED Safety torch PX2

6 . 901 . 252 . 158

Torch ATEX certified for ZONE 1

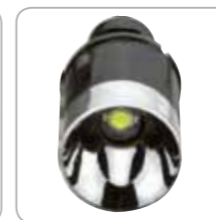
- 100 % waterproof
- made of non-conductive plastic
- clip for fixing
- compatible with PARASNAP®
- rubberized rear switch for single-handed operation
- rubberized lamp head
- supplied in blister packaging, including batteries

Protection class	II 2G Ex ib IIB T4 Gb
Lamp	1W CREE LED
Light flux	approx. 30 lumens*
Beam range	approx. 35 m
Dimensions	approx. 143 x 19 mm
Weight	20 g excluding batteries 40 g including batteries
Duration of light	approx. 10 hours

Battery type	2 x AAA / Micro / 1.5 V each
Colour	yellow
Material	PC (polycarbonate)
Specials	ATEX ZONE, LED, IP68, PARASNAP



Fibre optic attachment
6 . 901 . 002 . 151



PX2 LED Reflector
6 . 901 . 259 . 999



LED Safety torch PX3

6 . 903 . 252 . 158

Torch ATEX compliant with ZONE 2

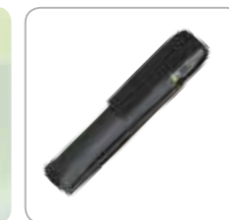
- 100 % waterproof
- made of non-conductive plastic
- clip for fixing
- rubberized rear switch for single-handed operation
- rubberized lamp head
- supplied in blister packaging, including batteries

Protection class	compliant with ATEX: II 3G Ex nA IIC T4
Lamp	1W CREE LED
Light flux	approx. 60 lumens*
Beam range	approx. 100 m
Dimensions	approx. 154 x 24 mm
Weight	35 g excluding batteries 80 g including batteries
Duration of light	approx. 12 hours at full power total approx. 50 hours

Battery type	2 x AA / Mignon / 1.5 V each
Colour	yellow
Material	PC (polycarbonate)
Specials	ATEX ZONE, LED, IP68, PARASNAP



Rear switch for single-handed operation



Cap piece
6 . 903 . 017 . 061



LED Safety torch PX1

6 . 911 . 252 . 158

Torch ATEX certified for ZONE 1

- 100 % waterproof
- made of non-conductive plastic
- compatible with nearly all helmet mounts and PARASNAP®
- rubberized rear switch for single-handed operation
- rubberized lamp head
- supplied in blister packaging, including batteries

Protection class	II 2G Ex ib IIB T4 Gb II 2D Ex ib IIIC T105°C Db IP68
Lamp	3W CREE LED
Light flux	approx. 120 lumens*
Beam range	approx. 150 m
Dimensions	approx. 167 x 38 mm
Weight	80 g excluding batteries 170 g including batteries
Duration of light	approx. 15 hours at full power total approx. 50 hours

Battery type	4 x AA / Mignon / 1.5 V each
Colour	yellow
Material	PC (polycarbonate)
Specials	ATEX ZONE, STAUBEX ZONE, LED, PARASNAP, IP68



Rubberized lamp head



Traffic wand
6 . 911 . 004 . 154

My Lamp!

Individual imprints on the safety of lamps PARAT

To make the models PX 0 PX 1 and X1 individually and unmistakable - as equipping your team or as a high quality gift of their company or institution. The abrasion-resistant print does not affect the safety standards and the range of the lamp.



Talk to us!



LED Safety torch PX0

6.911.252.166

Torch ATEX certified for ZONE 0

- 100 % waterproof
- made of high impedance conductive plastic, provides additional protection as per ESD/EMI/RFI
- compatible with nearly all helmet mounts and **PARASNAP®**
- rubberized rear switch for single-handed operation
- rubberized lamp head
- supplied in blister packaging, including batteries

Protection class	II 1G Ex ia IIC T4 Ga II 2D Ex ib IIIC T105°C Db IP68
Lamp	3W CREE LED
Light flux	approx. 120 lumens*
Beam range	approx. 150 m
Dimensions	approx. 167 x 38 mm
Weight	80 g excluding batteries 170 g including batteries
Duration of light	approx. 15 hours at full power total approx. 50 hours
Battery type	4 x AA / Mignon / 1.5 V each
Colour	red
Material	XAG (plastic)



Cap piece
6.911.014.061



Rear switch for single-handed operation



LED Head lamp HL-P1

6.911.254.158

Head lamp ATEX certified for ZONE 1

- 100 % waterproof
- made of non-conductive plastic
- Adjustable rubber / neoprene strap
- rubberized switch for single-handed operation
- rubberized lamp head with adjustable beaming angle
- supplied in blister packaging, including batteries

Protection class II 2G Ex ib IIB T4 Gb

Lamp	3W CREE LED
Light flux	approx. 120 lumens*
Beam range	approx. 150 m
Dimensions	approx. 70 x 65 mm
Weight	130 g excluding batteries 170 g including batteries
Duration of light	approx. 12 hours at full power total approx. 45 hours
Battery type	4 x AAA / Micro / 1.5 V each
Colour	yellow
Material	PC (polycarbonate)



Swivel mounted lamp head



LED with high quality aluminium reflector



Limited Fire-Edition

6.911.220.158

LED Safety Lights PX1

Safety lights with ATEX certification for ZONE 1

- 100 % water proof
- made from non-conductive plastic
- compatible with almost every helmet mount and **PARASNAP®**
- rubberized rear switch for one handed operation
- rubberized lamp head
- supplied in box, batteries included

(see details on page 11)

Helmet Mount PARASNAP® BASE right

- base holder right for PX1, X1, PX2 and X2
- mountable on almost every DIN-helmet

(see details on page 11)

Light holder PARASNAP® SNAP-IN 1

- magnetic counterpart to
- PARASNAP® BASE or belt mount
- the holder is simply clicked onto
- the side of the light body

(see details on page 11)

Specials



LED Safety Light PX1



light holder
PARASNAP® SNAP-IN 1

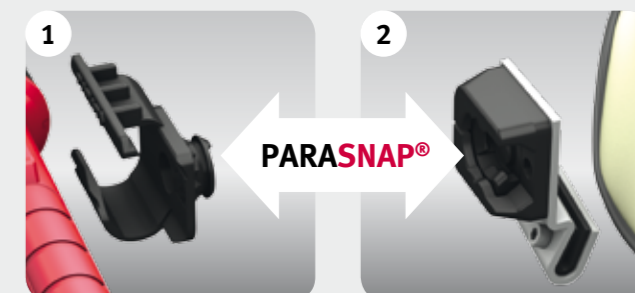


The helmet mount innovation

PARASNAP® – With one step your PARAT torch is there where it is needed, whether on the helmet or on the belt – safe, flexible and instantaneously.

The revolutionary helmet mount “**PARASNAP®**”. Uniquely attractive! Simply functional! An unbeatable combination of magnetic joint and mechanical latching system.

The fixing system, consisting of a base (helmet mount or belt clip) and the SNAP-IN mechanism, allows flexible alignment of the torch thanks to its smoothly articulating snap-on system, and permits quick fixture and detachment with one hand from the holder while wearing the helmet.



Component 1:
The SNAP-IN is clipped on to the PARAT Hand-lamp.

Component 2:
The base is fixed to the helmet.



f More information and videos are available on our PARAT LICHT Facebook page.

PARASNAP® is compatible with: PX0, PX1 (LED and Xenon) and X1 or with PX2 (LED and Xenon) and X2.



Compact power
 for professionals

Brand new from PARAT: Now, for use in industry and trade, we have a professional solution ready with more illumination, without the restrictions of EX-Protection. The new brilliant PARAT X-TREME® PROFESSIONAL LIGHTING series, based on the well-known PX series, offers torches with up to 170 lumens* luminosity.

We have introduced another new feature in the X1. The light intensity switch allows dazzle-free illumination even at a close range. The user can conveniently switch it on or off using the rear switch, or change between 100 and 15 percent light outputs without having to change the grip. A useful side-effect: the battery consumption is further reduced.

The new X-TREME® torches are compliant with the known PARAT quality standards – robust, waterproof, airtight, and dustproof, as well as impact resistant.

The X-TREME®-Features at a glance:

- 100 % waterproof, airtight and dustproof
- Luminosity up to 170 lumens*
- Beam range up to 200 m
- compatible with nearly all helmet mounts (X1)
- Lamp: LED
- Material: Polycarbonate – non-conductive plastic
- rear switch for single-handed operation
- Light intensity switch (100 % / 15 %) using the rear switch (X1)
- The bulb is protected by the rubberized lamp head.

* Specifications of the LED provider with reference to the lamp.



Limited Industry-Edition

6 . 911 . 120 . 150

LED high perform. lamp X1, white compact and bright

- 100 % water proof
- made from non-conductive plastic
- compatible with almost every helmet mount and PARASNAP®
- rubberised rear switch for one handed operation
- with light intensity switch (100% / 15%)
- rubberised lamp head
- supplied in box, batteries included

(see details on page 11)

Belt mount PARASNAP® BASE

- belt loop for belt width up to 55 mm

(see details on page 11)

Light holder PARASNAP® SNAP-IN 1

- magnetic counterpart to PARASNAP® BASE or belt mount
- the holder is simply clicked onto the side of the light body

(see details on page 11)

Specials



LED High Performance Lamp PX1



Belt mount PARASNAP® BASE



LED High power flashlight X2

6 . 901 . 152 . 150

Compact design with high performance

- 100 % waterproof
- made of non-conductive plastic
- with clip for fixing
- compatible with PARASNAP®
- rubberized rear switch for single-handed operation
- rubberized lamp head
- supplied in blister packaging, including batteries
- can be custom printed on request

Lamp	1W CREE LED
Light flux	approx. 45 lumens*
Beam range	approx. 50 m
Dimensions	approx. 143 x 19 mm
Weight	20 g excluding batteries 40 g including batteries
Duration of light	approx. 4 hours
Battery type	2 x AAA / Micro / 1.5 V each
Colour	white
Material	PC (polycarbonate)
Specials	



Rear switch



Robust polycarbonate housing



LED High power flashlight X2

6 . 901 . 152 . 151

Compact design with high performance

- 100 % waterproof
- made of non-conductive plastic
- with clip for fixing
- compatible with PARASNAP®
- rubberized rear switch for single-handed operation
- rubberized lamp head
- supplied in blister packaging, including batteries
- can be custom printed on request

Leuchtmittel	1W CREE LED
Lichtstrom	ca. 45 Lumen*
Leuchtweite	ca. 50 m
Abmessungen	ca. 143 x 19 mm
Gewicht	20 g ohne Batterien 40 g mit Batterien
Leuchtdauer	ca. 4 Std.
Batterietyp	2 x AAA / Micro / je 1,5 V
Farben	Schwarz
Material	PC (Polycarbonat)
Specials	



Rubberized lamp head



LED Reflector
 6 . 901 . 159 . 999



LED High power flashlight X2

6 . 901 . 152 . 155

Compact design with high performance

- 100 % waterproof
- made of non-conductive plastic
- with clip for fixing
- compatible with PARASNAP®
- rubberized rear switch for single-handed operation
- rubberized lamp head
- supplied in blister packaging, including batteries
- can be custom printed on request

Lamp	1W CREE LED
Light flux	approx. 45 lumens*
Beam range	approx. 50 m
Dimensions	approx. 143 x 19 mm
Weight	20 g excluding batteries 40 g including batteries
Duration of light	approx. 4 hours
Battery type	2 x AAA / Micro / 1.5 V each
Colour	blue
Material	PC (polycarbonate)
Specials	



Fibre optic attachment
 6 . 901 . 002 . 151



Cap piece
 6 . 903 . 017 . 061



LED High power flashlight X1

6.911.152.150

Compact and very bright

- 100 % waterproof
- made of non-conductive plastic
- compatible with nearly all helmet mounts and our holder system **PARASNAP[®]**
- rubberized rear switch for single-handed operation with brightness switch (100 % / 15 %)
- rubberized lamp head
- supplied in blister packaging, including batteries
- can be custom printed on request

Lamp	3W CREE LED
Light flux	approx. 170 lumens*
Beam range	approx. 200 m
Dimensions	approx. 167 x 38 mm
Weight	80 g excluding batteries 170 g including batteries
Duration of light	approx. 6 hours at full power total approx. 50 hours
Battery type	4 x AA / Mignon / 1.5 V each
Colour	white
Material	PC (polycarbonate)
Specials	



LED High power flashlight X1

6.911.152.151

Compact and very bright

- 100 % waterproof
- made of non-conductive plastic
- compatible with nearly all helmet mounts and our holder system **PARASNAP[®]**
- rubberized rear switch for single-handed operation with brightness switch (100 % / 15 %)
- rubberized lamp head
- supplied in blister packaging, including batteries
- can be custom printed on request

Lamp	3W CREE LED
Light flux	approx. 170 lumens*
Beam range	approx. 200 m
Dimensions	approx. 167 x 38 mm
Weight	80 g excluding batteries 170 g including batteries
Duration of light	approx. 6 hours at full power total approx. 50 hours
Battery type	4 x AA / Mignon / 1.5 V each
Colour	black
Material	PC (polycarbonate)
Specials	



LED High power flashlight X1

6.911.152.155

Compact and very bright

- 100 % waterproof
- made of non-conductive plastic
- compatible with nearly all helmet mounts and our holder system **PARASNAP[®]**
- rubberized rear switch for single-handed operation with brightness switch (100 % / 15 %)
- rubberized lamp head
- supplied in blister packaging, including batteries
- can be custom printed on request

Lamp	3W CREE LED
Light flux	approx. 170 lumens*
Beam range	approx. 200 m
Dimensions	approx. 167 x 38 mm
Weight	80 g excluding batteries 170 g including batteries
Duration of light	approx. 6 hours at full power total approx. 50 hours
Battery type	4 x AA / Mignon / 1.5 V each
Colour	blue
Material	PC (polycarbonate)
Specials	



Fibre optic attachment
6.911.002.151



Rear switch for single-handed operation and light intensity switch



Rubberized lamp head



LED Reflector
6.911.159.999



Traffic wand
6.911.004.154



Cap piece
6.911.014.061



Helmet mount PARASNAP[®] BASE Left

6.902.040.151

Helmet mount, base for left-handed mounting

- Left-handed base holder for PX1, X1, PX2 and X2
- What is also needed is SNAP-IN1 (PX0, PX1, X1) or SNAP-IN2 (PX2, X2)
- Can be mounted on almost all prevalent DIN helmet types* of makes such as DRÄGER, SCHUBERTH, ROSENBAUER, MSA, CASCO etc.

Material	Glass-fibre reinforced polyamide and VA plate, 2 mm 2 x round-head screws M5 x 8 mm
Dimensions	approx. 35 x 60 mm
Weight	approx. 65 g



Helmet mount PARASNAP[®] BASE Right

6.902.041.151

Helmet mount, base for right-handed mounting

- Right-handed base holder for PX1, X1, PX2 and X2
- What is also needed is SNAP-IN1 (PX0, PX1, X1) or SNAP-IN2 (PX2, X2)
- Can be mounted on almost all prevalent DIN helmet types* of makes such as DRÄGER, SCHUBERTH, ROSENBAUER, MSA, CASCO etc.

Material	Glass-fibre reinforced polyamide and VA plate, 2 mm 2 x round-head screws M5 x 8 mm
Dimensions	approx. 35 x 60 mm
Weight	approx. 65 g



Lamp holder PARASNAP[®] SNAP-IN 1

6.902.042.151

Fastening clip (only) for the PARAT lamps PX0, PX1 and X1

- Magnetic contact surface to **PARASNAP[®]** BASE LE, RI or belt mount
- The holder is simply snap-fitted on the side into the lamp body

Material	Glass-fibre reinforced polyamide
Dimensions	approx. 50 x 40 mm
Weight	approx. 11 g



Lamp holder PARASNAP[®] SNAP-IN 2

6.902.043.151

Fastening clip (only) for the PARAT lamps PX2 and X2

- Magnetic contact surface to **PARASNAP[®]** BASE LE, RI or belt mount
- The holder is simply snap-fitted on the side into the lamp body

Material	Glass-fibre reinforced polyamide
Dimensions	approx. 35 x 30 mm
Weight	approx. 10 g



Belt mount PARASNAP[®] BASE

6.902.044.151

Belt mount made of genuine leather with single-colour PARASNAP[®] base support

- What is also needed is SNAP-IN1 (PX0, PX1, X1) or SNAP-IN2 (PX2, X2)
- Belt loop for belt width up to 55 mm

Material	Genuine leather and glass-fibre reinforced polyamide
Dimensions	approx. 90 x 70 mm
Weight	approx. 35 g



Our patented magnetic design not only facilitates fast and simple fastening of the lamp without having to remove the helmet.

The mount can be used together only with the **PARASNAP[®]** SNAP-IN lamp holder.

* Compatible with prevalent domestic and foreign types of helmets according to DIN EN 443. Similarly, the relevant national or official specifications must be observed and followed when using the PARAT range of products.