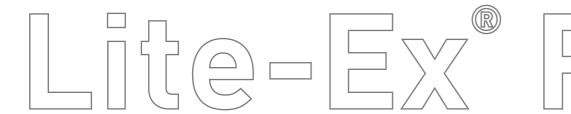


MORE LIGHT, MORE SAFETY,
PERFECT HANDLING



300





SURPASSES ALL LED FLASHLIGHTS ON THE MARKET.

The Lite-Ex® PL 30e flashlight from ecom surpasses all other LED flashlights on the market.

The integrated 3 Watt LED, which is powered by 3 LR14 batteries, allows work to be conducted with extremely bright light for hours at a time.

In the new generation, a special reflector enables the illumination of larger surfaces.

The ergonomically designed, anti-static plastic housing ensures the flashlight fits perfectly in your hand and also provides excellent anti-slip protection.

The high IP65 protection rating prevents the permeation of dust and jet water. Use in harsh conditions is therefore not a problem.

SIMPLE AND RELIABLE TWIST MECHANISM

The switch-on mechanism is yet another outstanding feature - the flashlight is switched on via a sturdy rotating ring. This eliminates annoying malfunctions and repairs due to a faulty switch, thereby saving the user both time and money.

FEATURES

- Zone 0 / 20
- 1x high performance LED (3 Watt)
- 204 Lumen
- Ring switch
- Rugged housing
- High IP protection class IP65
- Diaphragm valve for pressure compensation

ACCESSORIES

	ARTICLE NO.	PRODUCT DESCRIPTION
	A0002055 😥	Leather holster
	ET002055 😥	Sealing kit
	ET002056 😥	Replacement lens
0	ET002059 (£x)	Ring switch

Lite-Ex® PL 30e

LED FLASHLIGHT FOR ZONE 0 / 20

+ 51%
ADDITIONAL
LUMEN

SCOPE OF DELIVERY

- Lite-Ex® PL 30e
- Batteries
- Wrist strap
- User manual
- Ex-certificate
- EU Declaration of Conformity

EX DATA

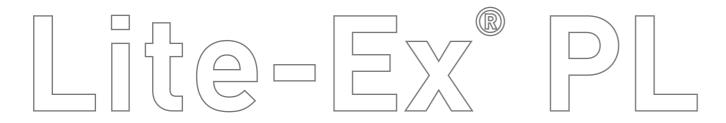


© II 1 G Ex ia op is IIC T4 Ga IP65 © II 1 D Ex ia IIIC T130 °C Da IP65



Ex ia op is IIC T4 Ga IP65 Ex ia IIIC T130°C Da IP65

TECHNICAL DATA	
Ambient temperature	-20 °C +50 °C
Storage temperature	-30 °C + 60 °C (without batteries)
Power supply	3x LR 14 (type-tested)
Light source	1x 3 Watt LED
Luminosity	5,000 lux (at a distance of 1 m)
Luminous flux	204 lumens
Operating time	> 48 hrs (continuous operation)
Dimensions	approx. 220 x 55 / 42 mm (L x Ø)
Weight	approx. 530 g
IP protection class	IP65
ESD protection	Anti-static housing
CE-designation	CE 0102





HIGH PERFORMANCE LED

AN ULTRA LIGHT AND BRIGHT TORCH, DESIGNED FOR EVERYDAY USE IN HAZARDOUS AREAS.

Despite its compact dimensions, the Lite-Ex® PL 10e is equipped with all of the features of its larger sibling.

It comes with the tried and tested, wear-resistant ring switch and a high performance LED. Its sophisticated lens ensures even and consistent illumination.

ACCESSORIES

		ARTICLE NO.	PRODUCT DESCRIPTION
		A0002044 (Ex	Belt clip
	9	A0002045 😥	Hand strap
		A0002046 (£x)	Ring switch
	00	A0002047 😥	Sealing kit
		A0002048 (Ex)	Replacement lens
		A0002050 😉	Lamp head (only plastic part)
		A0002051 (£x)	Leather holster

Lite-Ex® PL 10e

LED FLASHLIGHT FOR ZONE 0 / 20

TECHNICAL DATA	
Ambient temperature	-20 °C +50 °C
Storage temperature	-30 °C +60 °C (without batteries)
Power supply	3 x LR03 / AAA (type-tested)
Light source	High performance LED
Luminosity	3,000 lux (at a distance of 1 m)
Luminous flux	64 lumens
Operating time	approx. 55 hrs
Dimensions	147 x 36 x 36 mm
Weight	approx. 120 g (with batteries)
IP protection class	IP65 / IP67
ESD protection	Anti-static housing
CE-designation	CE 0102

SCOPE OF DELIVERY

- Lite-Ex® PL 10e
- Ratterie
- Belt clip
- Wrist stra
- Hear manua
- Ex-certificate
- EU Declaration of Conformity

FEATURES

- Zone 0/20
- High performance LED
- Luminosity: 3,000 lux (at a distance of 1 m)
- Extremely light and compact.
 Weight: only 120 g including batteries
- Operating time: approx. 55 hours
- Ring switch, easy to use
- Scratch-resistant thanks to the coated protective disc
- Rugged polyamide housing
- Diaphragm valve for pressure compensation
- Removable belt clip

EX DATA

ATEX Ex

© II 1 G Ex ia op is IIC T4 Ga IP65 © II 1 D Ex ia IIIC T130°C Da IP65

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ACCESSORIES



PRODUCT DESCRIPTION

Ring switch

Replacement lens

Lamp head (only plastic part)

PERFECT FIT **EXTREMELY BRIGHT**

ARTICLE NO.

A0002046 (Ex)

40002048 <mark>(ξχ</mark>)

(دی) ۸0002050

AN EXTREMELY RUGGED AND BRIGHT LED HEADLAMP. DESIGNED FOR EVERYDAY USE IN POTENTIALLY EXPLOSIVE AREAS CLASSIFIED AS ZONE 0 AND 20 IN ACCORDANCE WITH DIRECTIVE 1999/92/EC (ATEX).

The Lite-Ex® PL 10e H is a headlamp which is based on the compact and powerful Lite-Ex® PL 10e flashlight. All of the features exhibited by the flashlight, such as the ring switch, luminosity level, IP protection class and degree of robustness are also present in this version.

To suit the users preference, the Lite-Ex® PL 10e H is available in two different optics in the scattering angles 6° or 25°.

The Lite-Ex® PL 10e H fits comfortably on a helmet and can be adjusted to the desired angle of inclination to ensure optimum illumination of the working area.

The innovative rubber band sits securely on a helmet and its texture prevents it from slipping, even when wet.

Lite-Ex® PL 10e H

HEADLAMP FOR ZONE 0 / 20

SCOPE OF DELIVERY

- Lite-Ex® PL 10e H
- Batteries
- Headband
- User manual
- Ex-certificate
- EU Declaration of Conformity



FEATURES

- Zone 0/20
- High performance LED
- 2 different optics (6° or 25°)
- Ring switch
- Scratch-resistant thanks to the coated protective disc
- Rugged polyamide housing
- Diaphragm valve for pressure compensation
- Durable headband

TECHNICAL DATA				
Ambient temperature	-20 °C +50 °C			
Storage temperature	-30 °C +60 °C (without batteries)			
Power supply	3 x LR03 / AAA (type-tested)			
Light source	High performance LED			
Luminosity	3,000 Lux (at a distance of 1 m / 6° optics) or 1,800 Lux (at a distance of 1 m / 25° optics)			
Luminous flux	64 lumens			
Operating time	approx. 55 hrs			
Dimensions	approx. 60 x 87 x 69 mm (H x L x W)			
Weight	approx. 180 g (incl. headband)			
IP protection class	IP65 / IP67			
CE-designation	CE 0102			



EX DATA

© II 1 D Ex ia IIIC T130°C Da IP65



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Ex ia op is IIC T4 Ga IP65 Ex ia IIIC T130°C Da IP65

3



HIGH-END LED-TECHNOLOGY

STATE-OF-THE-ART HIGH-END TECHNOLOGY PACKED INTO AN INCREDIBLY SMALL AND LIGHTWEIGHT FLASHLIGHT.

The 3AA eLED® with high-end intrinsically safe LED technology is a step above standard LED torches. The 3AA eLED® flashlight is equipped with special eLEDs® and also features revolutionary CPO and TRS technology.

The light from the LED is focused and concentrated onto a reflector via a mirror in the optics. This offers a significant advantage in terms of light efficiency provided by the CPO (Compound Path Optics).

An electronic system keeps the light intensity at a constant level and ensures a white beam of light is maintained throughout the operational time. The TRS (Thermal Recovery System) improves the battery efficiency of the torch by reclaiming energy lost through heat and redirecting it to the battery. This means that the light output of the eLED® can remain at the maximum level for a prolonged period of time while extending the battery life by up to 10%.

A rubberised switch means the flashlight can also be operated easily when wearing gloves.



TECHNICAL DATA

CE-designation

3AA eLED® CPO TS

LED FLASHLIGHT FOR ZONE 1 / 21

FEATURES

- Zone 1 / 21
- Just 150 g including batteries
- TRS and CPO technology
- IP67
- Dust and waterproof (up to 3 m)
- Corrosion-resistant
- Pressure equalisation system



EX DATA



ATEX

© II 2G Ex eb ib IIC T6 Gb © II 2D Ex ib IIIC T61°C Db

SCOPE OF DELIVERY

- 3AA eLED® CPO TS
- Batteries
- User manual
- EU Declaration of Conformity

-20 °C ... +40 °C Ambient temperature Storage temperature -40 °C ... +50 °C Power supply 3 x LR06 / AA (type-tested) Light source 2 W power LED Luminosity approx. 2,000 lux (at a distance of 1 m) 110 lumens Luminous flux Operating time 6-8 hrs (continuous operation) **Dimensions** approx. 134 x 41 x 35 mm Weight approx. 150 g (with batteries) IP protection class IP67 **ESD** protection Antistatic housing

CE 0102





SMALL AND HANDY PEN-SHAPED FLASHLIGHT WITH CONSISTENT LIGHT DISTRIBUTION.

The eLED® version of the penlight is characterised by its special light cone, which is produced by means of a specially developed lens system.

Unlike other lamps which generate a bright point of light at the centre of the cone and a weaker light around its periphery, the 2AAA projects a large cone with a bright and even distribution of the light. At a distance of 60 cm, for example, the cone exhibits a diameter of 17 cm. A rubberised rear switch means the flashlight can also be operated easily when wearing gloves.

The rugged ABS housing is non-conductive, corrosion-resistant, as well as water and dust-proof.

The lamp's pen shape allows it to be worn like a ballpoint pen.

ZONE 1/21

LED PENLIGHT FOR ZONE 1 / 21

2AAA eLED® PEN

FEATURES

- Zone 1/21
- Just 102 g including batteries
- IP67
- Dust and water-proof (up to 1 m)
- 0.5 W power LED
- Rubberised rear switch



SHL200-EX



RUGGED AND POWERFUL HAND LAMP FOR IN-DUSTRIAL APPLICATION IN POTENTIALLY EXPLOSIVE ZONE 1 AND 21 AREAS.

The lamp features a main light, ambient light and flashing light mode, which can easily be activated via the main switch. The main light has a 3W LED which generates a light intensity of 24,000 cd that can also be dimmed.

The ergonomic design enables perfect handling and allows the lamp to be held securely in your hand whilst working.

If the main light fails or the battery capacity falls below 10% during operation, the lamp automatically switches to its ambient lighting mode.

The high performance battery enables continuous operation of up to 7 hours in the main lighting mode (approx. 18 hours in flashing operation).

An emergency lighting function is naturally also integrated.

The housing is manufactured from impact-resistant polyamide and offers a high level of robustness giving it an IP66 protection rating. The long-life Light source (LED) and the ability to replace the battery ensures maintenance costs are very low.

SHL 200-EX HAND LAMP FOR ZONE 1 / 21

FEATURES

- Zone 1 / 21
- High light intensity
- State-of-the-art LED technology
- Pivoting lamp head
- Long battery life
- Dimmable main light
- Low weight



PERFECT

HANDLING

TECHNICAL DATA Ambient temperature -20 °C ...+50 °C -25 °C ...+60 °C Storage temperature Lead-fleece battery Power supply 6V; 4.5 Ah Light source 3W LED 24,000 cd Light intensity Luminous flux 211 lumens approx. 7 hrs Operating time (main light) (continuous operation) Charging time approx. 11 hrs 279 x 143 x 92 mm **Dimensions** 1.45 kg (without charging station) IP protection class Charging station 12 V / 24 V & 230 V / AC Dimensions of charging station 154 x 140 x 79 mm **CE-designation** CE 0102

EX DATA



© II 2G Ex ib IIC T4 Gb © II 2D Ex tb IIIC T75°C Db

- Clear diffusing filter
- User manual
- Ex-certificate
- EU Declaration of Conformity

SHL200-EX



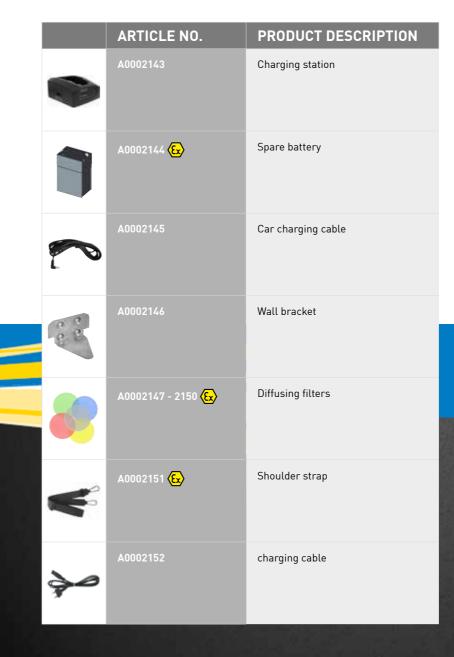


The package is rounded off by a comprehensive range of accessories, such as coloured diffusing filters and wall brackets.

ACCESSORIES

PERFECT

HANDLING





HAND LAMP FOR ZONE 1 / 21



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