

Ex-torchlight Series Stabex & Stabceag 0

(Zone 0, 1, 2, 21, 22)

The lights for all kinds of application

Compact and powerful, these torches are particularly suitable for use during rescue and emergency operations, as well as for control and inspection patrols. Depending on the type, it has been approved for all explosive gas atmospheres and explosive dust atmospheres in Zones 21 and 22 and provides optimum safety, even in unpredictable situations.

Zone 0 for tank inspection

With its Zone 0 approval the Stabex HF LED or Stabceag 0 is the ideal portable torchlight for tank inspection. With a powerful LED light source even large tanks can be inspected within Zone 0.

Always ready to hand

The particularly handy Stabex mini torch light series with fastening clip is a perfect personal light source for all inspection tasks. This torch light series is available with incandescent lamps or as LED version. The larger Stabex HF series features a wrist strap and can be worn and operated comfortably and securely with only one hand—even while wearing working gloves. This series is available with both halogen lamp and LED technology. The Stabceag 0 is delivered with batteries according to the ATEX certificate and ready to use immediately. A highlight presents the helmet holder accessories, which makes Stabceag 0 suitable as a helmet torch.



Features

- Single-handed operation even with work gloves
- High degree of protection IP 65/66/68
- LED technology: Stabex mini LED, Stabex HF LED and Stabceag 0
- Stabceag 0 even suitable as helmet light
- Scratchproof mineral glass



Ordering details



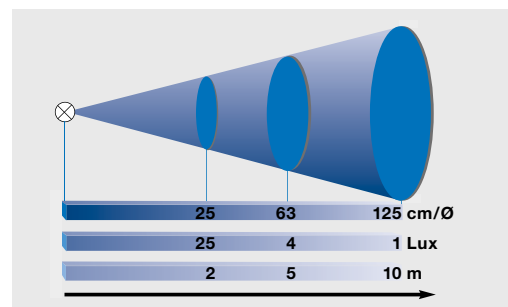
Type	Scope of delivery	Order unit	Order No.
Stabex mini	with incandescent lamp, without battery	10	1 1358 000 001
Stabex mini LED	with LED, without battery	10	1 1360 000 006
Stabex HF LED	with 2 W LED, without battery	1	1 1359 001 001
Stabceag 0	with 3 W LED, incl. battery	1	1 1380 100 001

Accessories

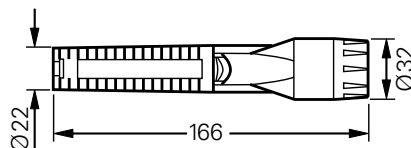


Type	Scope of delivery	Order unit	Order No.
Incandescent lamp 2.2 V/0.4 A	for Stabex mini	10	1 1358 000 070
Halogen lamp 2.8 V/ 0.5 A	for Stabex HF	10	1 1359 000 070
Bumbag	for Stabex mini LED	1	3 1360 006 900
Helm accessories: mounting clip left/right	for Stabceag 0: Glass-fibre reinforced polyamide, weight approx. 11 g, dimensions 50 x 40 mm (please order helmet holder or mounting strap separately)	10	3 1380 100 103
Helmet accessories : Helmet holder for right side use	for Stabceag 0: Polyamide, PA 66, weight approx. 50 g, dimensions 65 x 45 mm (please order mounting clip separately)	10	3 1380 100 102
Helmet accessories: Helmet holder for left side use	for Stabceag 0: Polyamide, PA 66, weight approx. 50 g, dimensions 65 x 45 mm (please order mounting clip separately)	10	3 1380 100 101
Helmet accessories: Helmet mounting fastening strap with integrated lamp holder (for helmet without edge)	for Stabceag 0: Polyamide, EMD, weight approx. 60 g, dimensions 35 x 60 mm (please order mounting clip separately)	10	3 1380 100 105
Bumbag	for Stabceag 0	10	3 1380 100 106

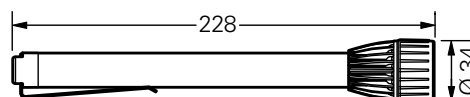
Range-diagram Stabex mini



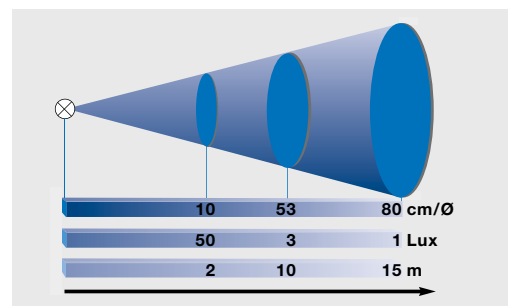
Dimension drawing Stabex mini



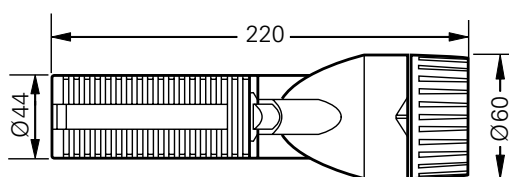
Dimension drawing Stabex mini LED



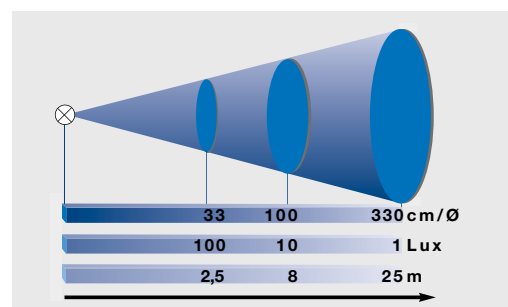
Range-diagram Stabex mini LED



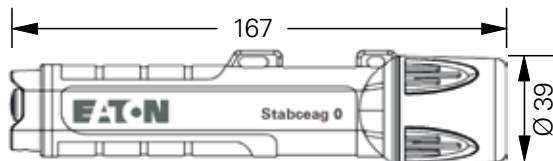
Dimension drawing Stabex HF-LED



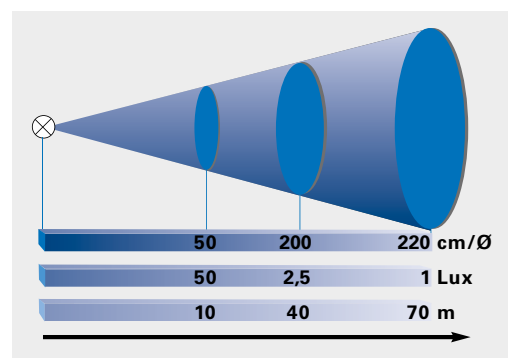
Range-diagram Stabex HF-LED



Dimension drawing Stabceag 0



Range diagram Stabceag 0





Technical data

	Stabex mini	Stabex mini LED	Stabex HF LED	Stabceag 0
EC-Type Examination Certificate	PTB 98 ATEX 2061	BVS 08 ATEX E 158	BVS 11 ATEX E 174	BVS 13 ATEX E 021 X
IECEx Certificate of Conformity		IECEx BVS 11.0001	IECEx BVS 14.0072	IECEx BVS 13.0034X
Marking accd. to 2014/34/EU	Ex II 2 G Ex e ib IIC T4 Gb	Ex II 2 G Ex e ib IIC T4 / Ex II 2 D Ex td A21 IP66 T85 °C	Ex II 1 G Ex ia IIC T4 Ga Ex II 2 D Ex tb IIIC T80 °C Db	Ex II 1 G Ex ia IIC T4 Ga Ex II 2 D Ex ib IIIC T105 °C Db IP68
Marking accd. to IECEx		Ex ib IIC T4 Gb Ex tb IIIC T85 °C Db IP66	Ex ia IIC T4 Ga / Ex tb IIIC T80 °C Db	Ex ia IIC T4 Ga / Ex ib IIIC T105 °C Db IP68
Permissible ambient temperature	-20 °C up to +40 °C; specified data: 0 °C up to +30 °C (battery)	-20 °C up to +40 °C; specified data: 0 °C up to +30 °C (battery)	-20 °C up to +40 °C; specified data: 0 °C up to +30 °C (battery)	20 °C up to +40 °C; specified data: 0 °C up to +40 °C (battery)
Battery	2 dry cell AA-size IEC 60086 R 6/LR 6	3 dry cell AA-size IEC 60086 R 6/LR 6	2 batteries IEC 60086 LR 20	4 dry cell AA-size IEC 60086 R 6/LR 6
Rated operating duration	approx. 8 h	approx. 8 h	9 h	approx. 15 h
Switch	ON - OFF	ON - OFF (focusable)	ON - OFF	ON - OFF
Protection class	III	III	III	III
Lamp / Illuminant	2.2 V/0.4 A incandescent lamp	1 W Power LED	2 W Power LED	3 W Power LED module (120 lm)
Rated luminous flux	approx. 7 lm	approx. 20 lm	approx. 70 lm (luminous flux of the luminaire)	approx. 70 lm (luminous flux of the luminaire)
Lamp cap	E10			
Dimensions (L x W x H)	166 x Ø 32 mm	208 x Ø 34 mm	220 x Ø 60 mm	167 x 39 mm
Diameter	32 mm	34 mm	60 mm	39 mm
Enclosure colour	black	black	black	red
Enclosure material	Polycarbonate	Aluminium	Polyamide	XAG (plastic)
Weight	approx. 0.07 kg (without battery)	approx. 0.12 kg (without battery)	approx. 0.29 kg (without battery)	80 g without battery / 200 g with battery
Light aperture	Ø 23 mm, mineral glass	Ø 24 mm, mineral glass	Ø 48 mm, mineral glass	Ø 26 mm, mineral glass
Degree of protection accd. to EN 60529	IP65	IP66	IP65	IP68
Scope of delivery	with incandescent lamp, without battery (order unit 10 pcs.)	with LED, without battery (order unit 10 pcs.)	with LED, without battery	with LED, including batteries

Ex-searchlight HE 9 Basic LED

(Zone 1, 2)

Lots of light, little weight

This extremely robust and bright searchlight HE 9 Basic LED with the high degree of protection IP 65 is ideally suited for use in all work areas with high mechanical requirements and a humid environment.

Approved for Zones 1 and 2, the HE 9 Basic LED is the ideal hand lamps for security and inspection patrols, as well for inspection maintenance and repair work where an explosive atmosphere is to be expected.

Light weight and powerful

Weighting merely 780 grams, the explosion-protected hand lamp HE 9 Basic LED can be used for approx. 8 hours without causing performance loss and allows the optimal illumination of your working area.

Perfectly prepared

The powerful and environmentally friendly lithium-ion battery of the HE 9 Basic LED impresses with its high energy density and low weight, which allows an improved handling.

Without a memory effect, it always provides a reliable power supply. The integrated electronics ensure reliable protection against deep discharge and overcharge. As a result, you will always have the optimum operating time available.

Simple handling - bright light

Despite of the low power requirement, the highly efficient and impact resistant LED lighting technology provides a very high luminous intensity. Together with a lens and a reflector, the 3W power LED produces a bright and uniform light distribution, thus ensuring an optimum illumination of the work area.



The rotary switch of the HE 9 Basic LED can be operated conveniently with one hand, regardless if left or right hand - even when wearing work gloves.



Features

- 3 W power LED provides high light output
- Operation time 8 h
- Light weight, compact design for improved handling
- Scratch-proof mineral glass lens guarantees optimum light
- High degree of protection IP65
- Li-Ion battery - no memory effect
- With integrated deep-discharge and overcharge protection
- Compact plug-in charger of HE 9 Basic Series
- Compatible with existing accessories of the HE 9 Basic (charger, battery)

Ordering details



Type	Scope of delivery	OU	Order No.
HE 9 Basic LED incl. Charger plug	Package deal Lamp HE 9 Basic LED 11118009410 and Plug In charger 11518009111	1	1 1118 800 800
HE 9 Basic LED	with 3 W LED module, with accumulator	1	1 1118 009 410

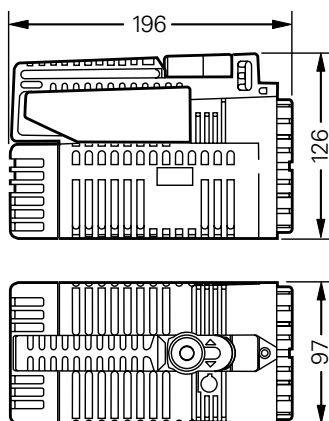
Accessories



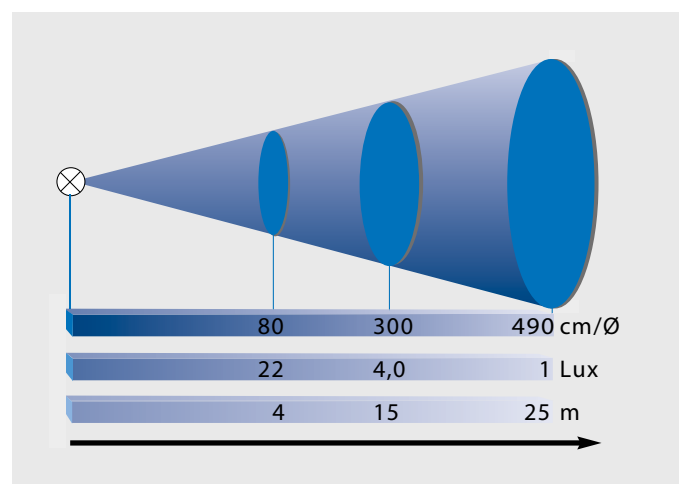
Type	Scope of delivery	Application	OU	Order No.
Charger plug 100 - 240 V AC with charging indication	line cord 1.8 m with plug	for HE 9 Basic LED	1	1 1518 009 111
Battery insert with Li-Ion-accumulator 3.75 V/4.8 Ah		for HE 9 Basic LED	1	2 1118 910 001



Dimension drawing HE 9 Basic LED



Range-diagram HE 9 Basic LED



Technical data



HE 9 Basic LED	
EC-Type Examination Certificate	BVS 11 ATEX E 087
Marking accd. to 2014/34/EU	Ex II 2 G Ex ib IIC T4 Gb
Permissible ambient temperature	-20 °C up to +40 °C; specified data: 0 °C up to +40 °C (battery)
Battery	Li-Ion-accumulator 3.75 V / 4.8 Ah
Rated operating duration	approx. 8 h
Switch	3 positions „main light - Off - main light“
Protection class	III
Lamp / Illuminant	3 W LED module
Luminous flux of the luminaire	92 lm
Dimensions (L x W x H)	196 x 97 x 126 mm
Function	– Easily replaceable battery insert – with deep-discharge and overcharge protection
Enclosure colour	black
Enclosure material	Polyamide
Weight	0.78 kg (with battery)
Light aperture	Ø 71 mm, mineral glass
Degree of protection accd. to EN 60529	IP65