

E X - T O R C H L I G H T

Stabex mini / Stabex mini II / Stabex mini LED / Stabex HF / Stabex MO

The Stabex mini, Stabex mini II, Stabex LED, Stabex HF and the Stabex HF-L range of explosion-protected torchlights meets the requirements of the ATEX-Directive 94/9/EG. The torchlights have been conceived for use in Zone 1 and Zone 2.

The Stabex mini II and mini LED are also suitable for the Zones 21 and 22. Complementary the Stabex HF and HF-L are also for use in the Zone 20. Due to the temperature classification T5/ T4 these torchlights can be used in nearly any hazardous area. Because of their compact design, the torches are used for security patrols and inspection duties. The Stabex mini II with micro-xenon filled lamp and the Stabex LED with high-power LED will reach highest light intensity with smallest battery power.

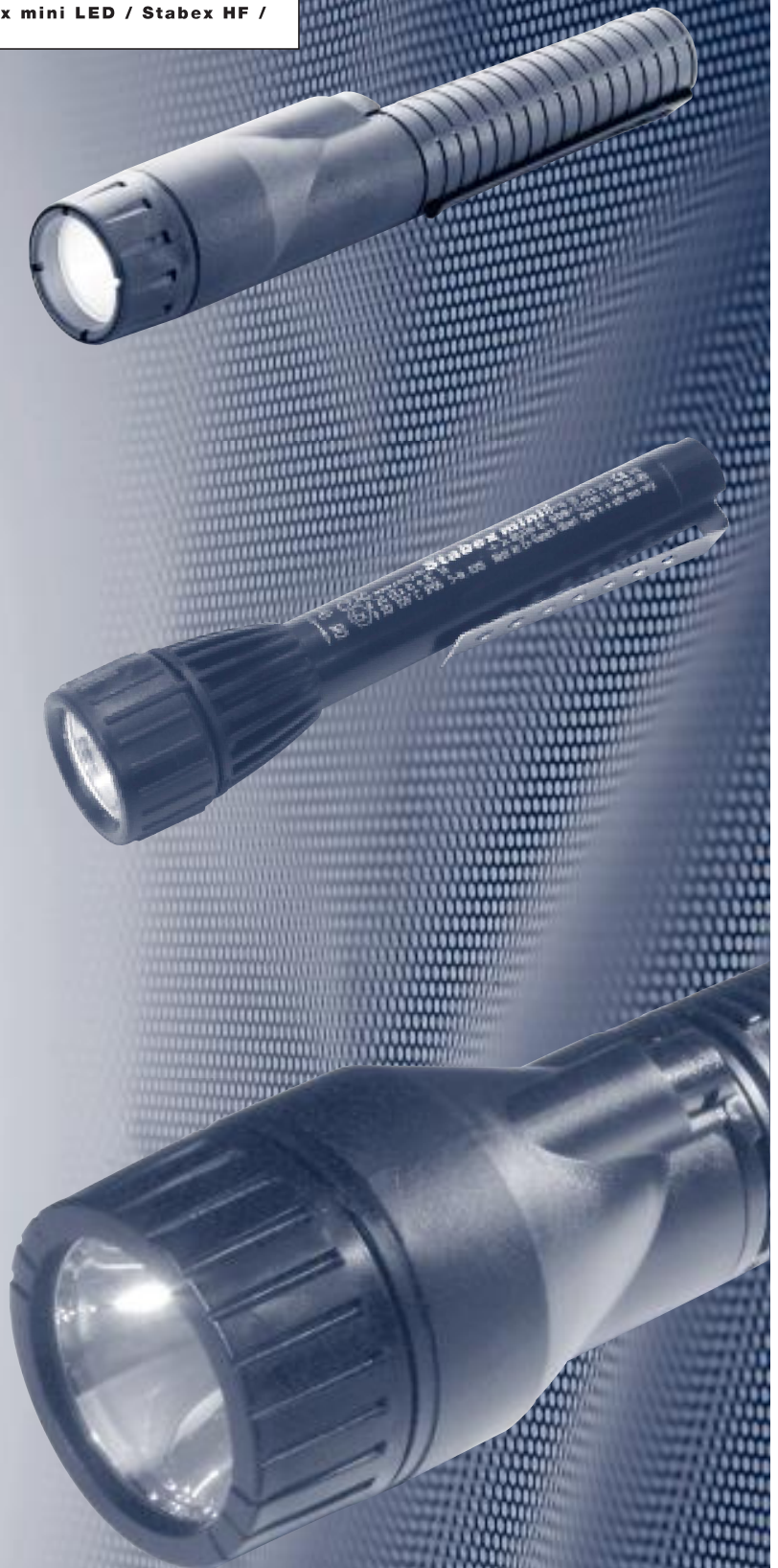
The Stabex HF and HF-L models equipped with a halogen lamp can be uniformly focused for short and long ranges.

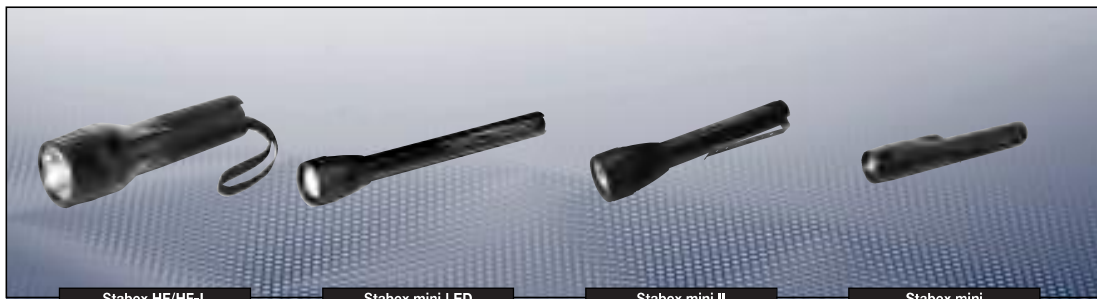
The ergonomically designed light switch is easily operated by means of a sliding switch – even with safety gloves. The Stabex mini and mini IIs fitted with 2 dry cells size AA, the Stabex mini LED with 3 dry cells size AA and the Stabex HF with 2 dry cells size D.

The Stabex HF-L model is equipped with an Ex e certified handle containing 2 NiCd accumulators, that can be recharged in the LG 493 charger. By replacing the complete handle with NiCd batteries, any new Stabex HF can be converted into a rechargeable version. Due to the special design of the battery housing, a special locking device is not required. Thus, the batteries can easily be replaced outside of the hazardous area, no special tool being required.

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- **Single-handed operation even with work gloves**
- **Degree of protection IP65**
- **Light cone can be focused – Stabex mini II/LED/ HF/HF-L**
- **Halogen bulb – HF Stabex HF/HF-L**
- **Scratch resistant mineral glass**
- **International Approvals**





Technical data

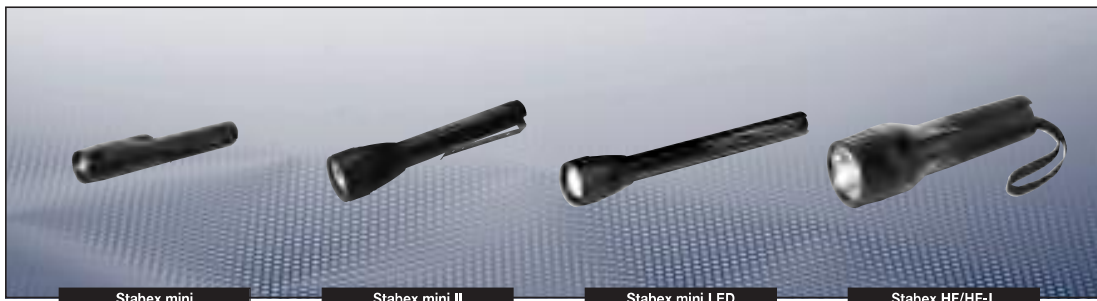
	Stabex mini II	Stabex mini LED
Marking to 94/9/EC	⊕ II 2 G Ex e ib IIC T4 ⊕ II 2 D Ex tD A21 IP66 T56 °C	⊕ II 2 G Ex e ib IIC T4 ⊕ II 2 D Ex tD A21 IP66 T85 °C
EC-Type Examination Certificate	PTB 04 ATEX 2119	BVS 08 ATEX E 158
IECEX Certificate of Conformity	IECEX BK1 08.0002	-
Marking accd. to IECEx	Ex eib IIC T4 Ex tD A21 IP66 T56 °C	-
Permissible ambient temperature	-20 °C to +40 °C specified data: 0 °C to +30 °C (battery)	-20 °C to +40 °C / +50 °C ¹⁾ specified data: 0 °C to +30 °C (battery)
Lamp/illuminant	2.3 V/0.36 A (XENON)	1 W Power LED
Max. luminous intensity	> 4000 cd	
Luminous flux	approx. 10 lm	approx. 20 lm
Battery	2 dry cell aa-size IEC 60086 R 6/LR 6	3 dry cell aa-size IEC 60086 R 6/LR 6
Rated operating duration	approx. 8 h	approx. 8 h
Rotary switch	ON - OFF (focusable)	ON - OFF (focusable)
Degree of protection accd. EN 60529	IP66	IP66
Dimension (L x W x H)	154 x Ø 34 mm	228 x Ø 34 mm
Weight	approx. 0.09 kg (without battery)	approx. 0.12 kg (without battery)
Enclosure material	Aluminium	Aluminium
Enclosure colour	black	black
Protective cover/protective bowl	Ø 24 mm, mineral glass	Ø 24 mm, mineral glass

	Stabex mini	Stabex HF	Stabex HF-L
Marking to 94/9/EC	⊕ II 2 G EEx ib e IIC T5	⊕ II 2 G Ex e ib IIC T4 ⊕ II 1 D Ex tD A20 IP65 T90 °C	⊕ II 2 G Ex e ib IIC T4 ⊕ II 2 D Ex tD A21 IP65 T57 °C
EC-Type Examination Certificate	PTB 98 ATEX 2061	PTB 98 ATEX 2061	PTB 98 ATEX 2061
IECEX Certificate of Conformity	-	IECEX BK1 08.0002	IECEX BK1 08.0002
Marking accd. to IECEx	-	Ex e ib IIC T4 Ex tD A21 IP65 T57 °C	Ex e ib IIC T4 Ex tD A21 IP65 T57 °C
Permissible ambient temperature	-20 °C to +40 °C specified data: 0 °C to +30 °C	-20 °C to +40 °C specified data: 0 °C to +30 °C (battery)	-20 °C to +40 °C specified data: 0 °C to +30 °C (battery)
Incandescent lamp	2.2 V/0.4 A	2.8 V/0.5 A (Halogen)	2.8 V/0.5 A (Halogen)
Lamp cap	E10	PX 13.5s	PX 13.5s
Luminous flux	7 lm	17 lm	17 lm
Battery	2 dry cells IEC 60086 R 6/LR 6	2 dry cells IEC 60086 R 20/LR 20	2 rechargeable NiCd battery 1,2 V/4 Ah
Rated operating duration	approx. 8 h	approx. 12 h	7 h
Switch	ON - OFF	ON - OFF	ON - OFF
Degree of protection accd. EN 60529	IP65	IP65	IP65
Dimension (L x W x H)	166 x Ø 32 mm	220 x Ø 60 mm	220 x Ø 60 mm
Weight	approx. 0.07 kg (without battery)	approx. 0.25 kg (without battery)	0.55 kg (incl. accu)
Enclosure material	Polycarbonate	Polyamide	Polyamide
Enclosure colour	black	black	black
Protective cover/protective bowl	Ø 23 mm, mineral glass	Ø 48 mm, mineral glass	Ø 48 mm, mineral glass

Charger LG 493

Rated voltage	220 - 250 V AC
Dimensions (L x W x H)	163.5 x 151.5 x 129 mm
Weight	approx. 1.3 kg
Charging duration	max. 14 h (dep. on the state of charge)

¹⁾ Depends on battery, see operation manual



Ordering details | Accessories

Type	Scope of delivery	OU	Order No.
Stabex mini	with incandescent lamp, without battery (set order qty's 10 units)	10	1 1358 000 001

Accessories for Ex-torchlight Stabex mini

Type	OU	Order No.
1 incandescent lamps 2.2 V/0.4 A	10	1 1358 000 070

Type	Scope of delivery	OU	Order No.
Stabex mini II	with xenon lamp, without battery (set order qty's 10 units)	10	1 1360 000 001
Stabex mini LED	mit LED, without battery (set order qty's 10 units)	10	1 1360 000 006

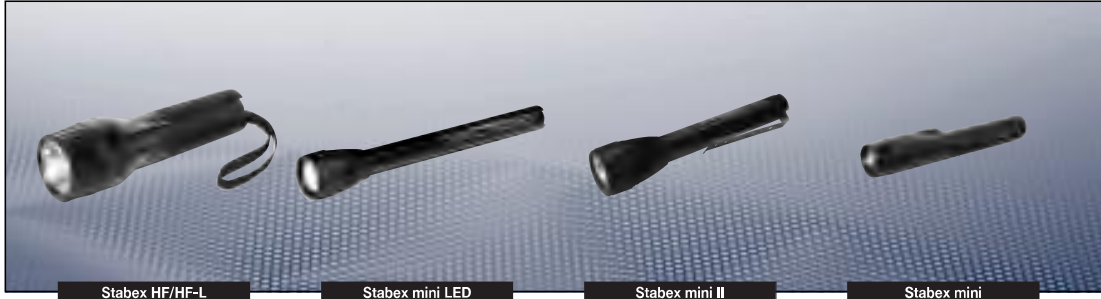
Accessories for Ex-torchlight Stabex mini II / LED

Type	OU	Order No.
Xenon lamp 2,3 V/0.36 A for Stabex mini II	10	1 1360 002 001
Hand strap	1	3 1360 030 005
Bumbag	1	3 1360 001 900

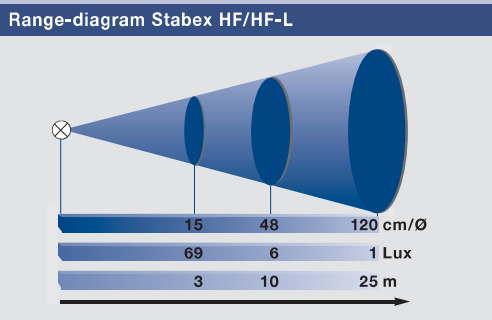
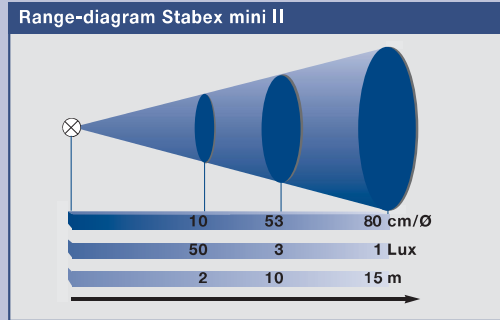
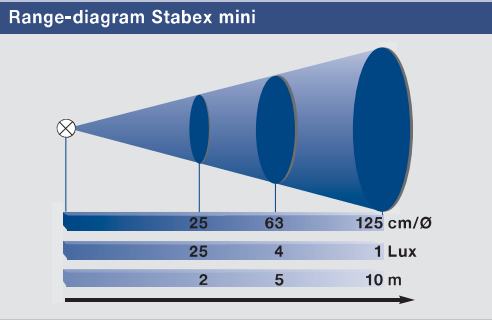
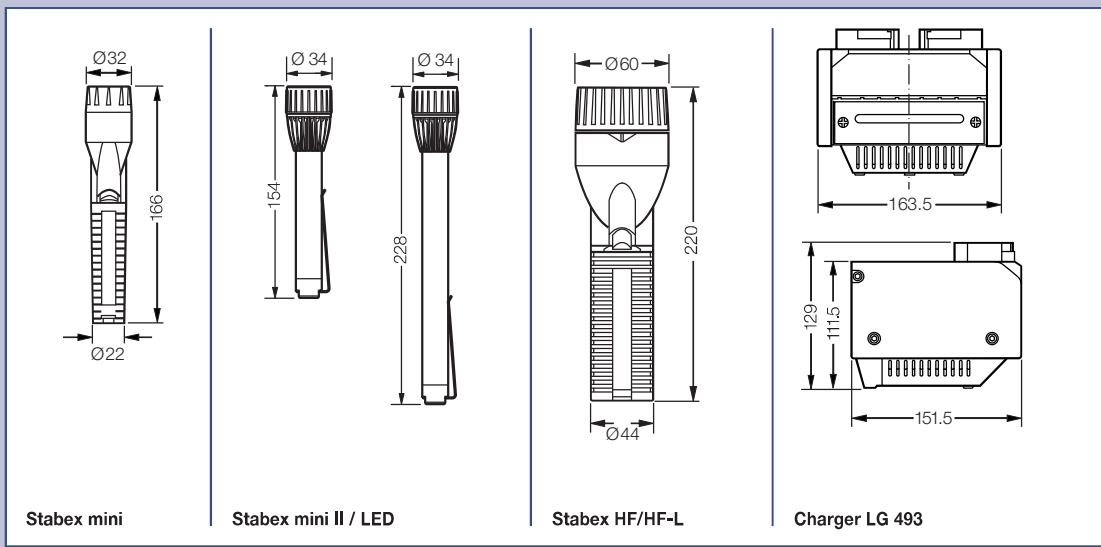
Type	Scope of delivery	OU	Order No.
Stabex HF	with halogen lamp, without battery	1	1 1359 000 001
Stabex HF-L (rechargeable)	Lamp with halogen lamp and battery	1	1 1359 000 010
Charger LG 493	for Stabex HF-L	1	1 1540 000 493

Accessories for Ex-torchlight Stabex HF/HF-L

Type	OU	Order No.
1 halogen lamp 2.8 V/0.5 A	10	1 1359 000 070
Handle with 2 NC battery	1	2 1359 200 000



Dimension drawing | Range-diagram



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Dimensions in mm

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