



Technical data

HE 5 EN	
Marking to 94/9/EC	⊕ II 2 G EEx e ib T6/T4 / ⊕ II 2 G Ex e ib T4/T6 Gb (applies for)
EC-Type Examination Certificate	PTB 99 ATEX 2196
Permissible ambient temperature	-20 °C to +40 °C / specified data: 0 °C to +30 °C (battery)
Incandescent lamp	3.7 V/0.3 A
Battery	Flat battery 4.5 V IEC 60086 3 R 12 (T6) resp. IEC 60086 3 LR12 (T4)
Operating time	approx. 6 h
Switch	Slide switch „ON - OFF“
Degree of protection accd. EN 60529	IP54
Enclosure material	Polyamid / black
Weight	approx. 0.14 kg (without battery)
Light aperture	Ø 40 mm, mineral glass

	HE 8 N EN	HE 8 EURO/HE 8 EURO PLUS
Marking to 94/9/EC (new standard)	⊕ II 2 G EEx e ib IIC T4 ⊕ II 2 G Ex e ib IIC T4 Gb (applies for)	⊕ II 2 G EEx e ib IIC T4 ⊕ II 2 G Ex e ib IIC T4 Gb (applies for)
EC-Type Examination Certificate	PTB 98 ATEX 2063	PTB 98 ATEX 2063
Permissible ambient temperature	-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	3.75 V / 0.8 / 0.4 A	4 V / 0.82 A
Battery	rechargeable NC battery (3.6 V/4 Ah)	EURO: battery insert for 3 x 1.5 V/IEC 60086, R 20/LR 20 EURO PLUS: batter insert with rechargeable NC battery 3.6 V/4 Ah
Operating time	approx. 5 h	approx. 10 h (HE 8 EURO) approx. 4 h (HE 8 EURO PLUS)
Rotary switch	3 positions „Main beam - OFF - signal light (red)“	3 positions „Main beam - OFF - main beam“
Degree of protection accd. EN 60529	IP65	IP65
Enclosure material	Polyamide/black	Polyamide/black
Function	- Indication of residual operating time - Emergency light in event of mains failure - Charge depending on the drawn capacity - Red signal light, switchable - Switching for standby light or in case of broken filament	- Easily replaceable battery insert - Halogen lamp with double bulb - Indication of residual operating time (HE 8 EURO PLUS) - Protection against overcharge (HE 8 EURO PLUS)
Weight	approx. 1.0 kg (with battery)	approx. 0.64 kg (HE 8 EURO, without battery) approx. 1.0 kg (HE 8 EURO PLUS, with battery insert, rechargeable)
Light aperture	Ø 71 mm, mineral glass	Ø 71 mm, mineral glass

	Charger LG 483	Plug-in charger HE 8 EURO PLUS
Rated voltage	220 - 250 V AC 50/60 Hz	220 V ± 10 %, 50/60 Hz
Input power	12 VA	6.5 VA
Insulation class	II	II
Charging duration	max. 8 h (dep. on the state of charge)	16 h (for approx. 4 h operating time) > 24 h (for approx. 5 h operating time)
Degree of protection accd. EN 60529	IP 31	IP 20
Weight	approx. 1.3 kg	approx. 0.42 kg

| HE 5 EN | HE 8 N EN | HE 8 EURO/HE 8 EURO PLUS | Charger LG 483 |
| Plug-in charger HE 8 EURO PLUS |



Ordering details

Type	Scope of delivery	Order No.
HE 5 EN	with incandescent lamp, without battery	1 1125 000 111

Accessories for Ex-pocket torch HE 5 EN

Type	OU	Order No.
1 incandescent lamps 3.7 V/0.3 A	10	1 2041 810 000

Type	Scope of delivery	Order No.
HE 8 N EN	with incandescent lamp and battery	1 1118 000 050
Charger LG 483		1 1540 000 483

Accessories for Ex-hand lamp HE 8 N EN

Type	OU	Order No.
Battery pack with NC-battery 3.6 V/4 Ah	1	2 1118 020 000
1 incandescent lamps 3.75 V/0.8/0.4 A	5	1 2035 300 000

Type	Scope of delivery	Order No.
HE 8 EURO	with lamp, without battery	1 1118 000 001
HE 8 EURO PLUS	with lamp and battery pack, rechargeable	1 1118 000 010
Plug-in charger		1 1518 000 111

Accessories for Ex-hand lamp HE 8 EURO/EURO PLUS

Type	OU	Order No.
Battery pack with NC-battery 3.6 V/4 Ah, rechargeable	1	2 1118 024 000
Halogen lamp with double bulb 4 V/0.82 A	1	2 2061 080 000



Plug-in charger

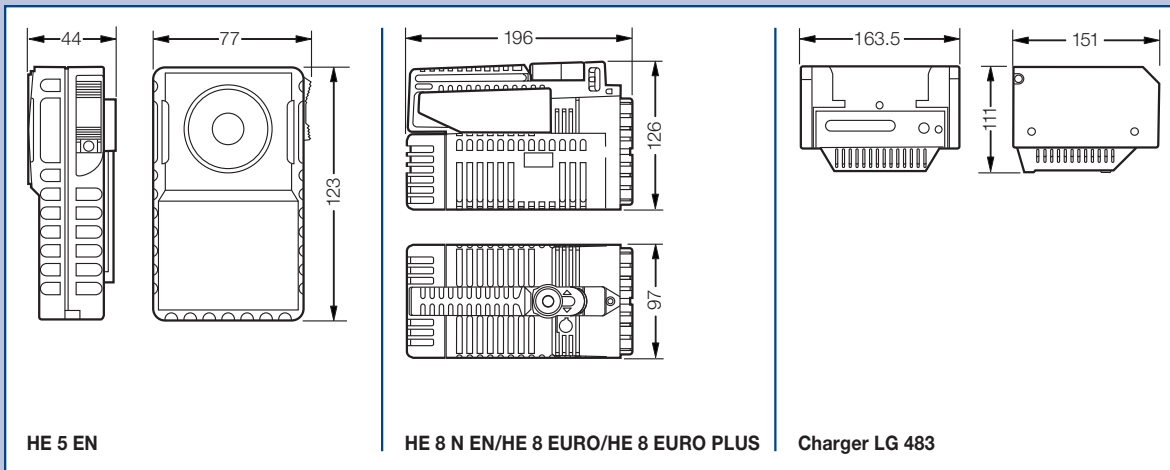
Charger LG 483

HE 8 Euro Plus

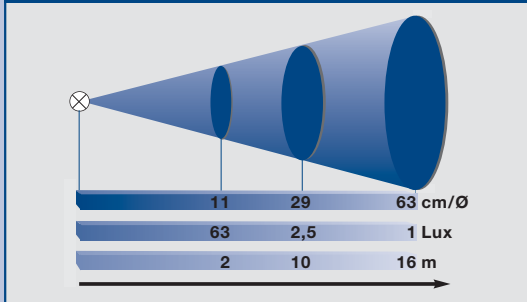
HE 8 N EN

HE 5 EN

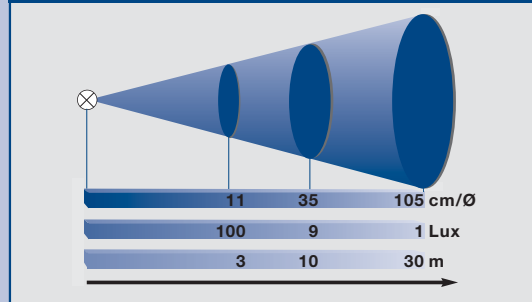
Dimension drawing | Range-diagram | Indication of residual operating time



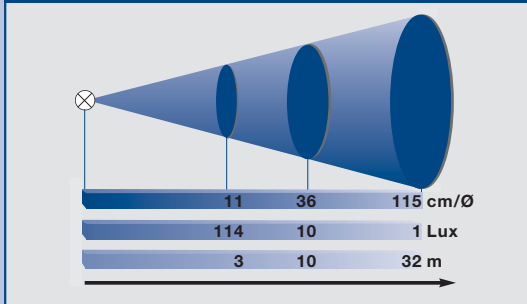
Range-diagram HE 5 EN



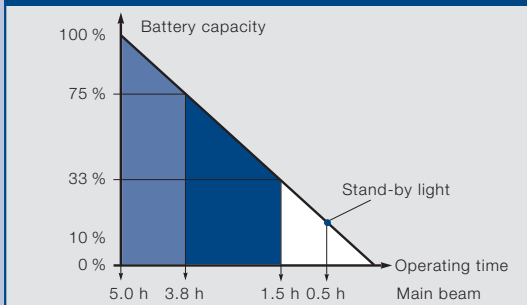
Range-diagram HE 8 N EN



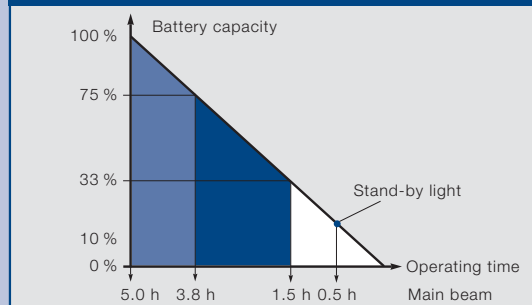
Range-diagram HE 8 EURO/EURO PLUS



Indication of residual operating time HE 8 N EN



Indication of residual operating time HE 8 EURO PLUS



Dimensions in mm

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3
4
5
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