

Explosion protected handlamps

CEAG Products



The light in your hand
Explosion protected torchlight Stabex HF LED



Crouse-Hinds
by **EATON**

Lighting in Zone Zero

Ex-torchlight Stabex HF LED

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

The light for all kinds of application

Compact and powerful, this robust LED luminaire is particularly suitable for use during rescue and emergency operations, as well as for control and inspection patrols. Approved for explosive gas atmospheres Zone 0, 1 and 2 and combustible dust atmospheres in Zones 21 and 22, this torch light provides optimum safety, even in unpredictable situations.

Always ready to hand

The handy Stabex HF LED features a wrist strap and can be worn and operated comfortably and securely with only one hand- even while wearing working gloves.

Zero compromises in zone 0

When inspecting tank interiors or container, storing oil products or solvents (zone 0), there always must be expected an explosive atmosphere. For this reason, strict safety requirements are applied for. The Stabex HF LED fulfills all requirements of an uncompromising safe mobile equipment for hazardous areas.

Designed for tough applications

The robust enclosure, made of polyamide, with light beam of scratchproof mineral glass light aperture, ensures a high protection of the battery and the high-efficient light technology in the high degree of protection IP 65.



LED technology

As a pioneer in innovative lighting systems, we have combined the latest high-power LED technology with an optimized light control. With this highly efficient lighting technology, white high-power LED with a low energy requirement provide a uniform light cone and, as a result, an optimal illumination of the working area. In addition to a longer service life of the lamp and the LEDs this technique has the great advantage of being insensitive to vibrations and shocks. A broken filament is not possible here - maintenance and bulb replacements are no longer necessary!



More light

The sophisticated LED lighting technology of the Stabex HF LED enables an excellent illumination while reducing the energy consumption. In combination with the lens and the reflector the 2 W Power-LED generates a consistent luminous flux of about 70 lumen and ensures a optimized illumination of the working area.

Features

- LED technique
- High degree of protection IP65
- Scratchproof mineral glass
- Single-handed operation even with work gloves

Ordering details/Technical data/Dimension drawing/Range-diagram

Stabex HF LED

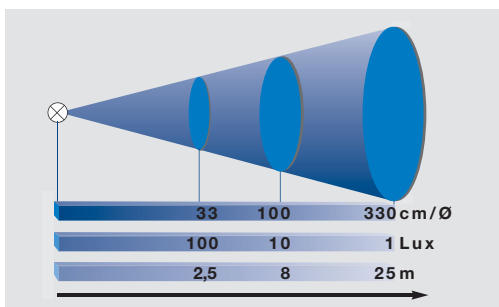


Technical data

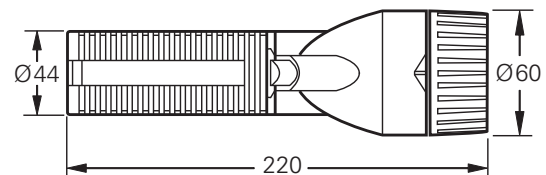
Stabex HF LED	
EC-Type Examination Certificate	BVS 11 ATEX E 174
IECEX Certificate of Conformity	IECEX BVS 14.0072
Marking accd. to 94/9/EC	D 1G Ex ia IIC T4 Ga D 2D Ex tb IIIC T80 °C Db
Marking accd. to IECEx	Ex ia IIC T4 Ga Ex tb IIIC T80°C Db
Permissible ambient temperature	-20 °C up to +40 °C; specified data: 0 °C up to +30 °C (battery)
Battery	2 batteries IEC 60086 LR 20
Rated operating duration	9 h
Switch	ON - OFF
Protection class	III
Lamp / Illuminant	2 W Power LED
Rated luminous flux	approx. 70 lm (luminous flux of the luminaire)
Dimensions (L x W x H)	220 x Ø 60 mm
Diameter	60 mm
Enclosure colour	black
Enclosure material	Polyamide
Weight	approx. 0.29 kg (without battery)
Light aperture	Ø 48 mm, mineral glass
Degree of protection accd. to EN 60529	IP65

Range-Diagram/Dimension drawing

Range-Diagram Stabex HF LED



Dimension drawing Stabex HF LED



Ordering details



Type	Scope of delivery	Order unit	Order-No.
Stabex HF LED	with 2 W LED, without battery	1	1 1359 001 001



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