

Explosion-protected handlamps



**Stabceag 0 - from Glove to Helmet**  
Explosion-protected Zone 0 torchlight for every application



**EATON**

*Powering Business Worldwide*

# The Ex-protected Allround Torchlight Stabceag 0

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

## Bright light, low weight

This robust LED torchlight is compact and powerful. The extremely high degree of protection IP 68 means that it is particularly well suited for work in areas with high mechanical requirements and damp ambient conditions.

## No compromises in Zone 0

When inspecting the inside of tanks and vessels used for storing mineral oil or solvents (Zone

0), it is always necessary to expect an explosive atmosphere. Consequently, particularly high safety requirements apply here. The Stabceag 0 torchlight meets all the requirements for safe equipment for such areas uncompromisingly.

## For hard tasks

The robust housing made of a conductive plastic and the lens made of a scratchproof mineral glass in the high degree of pro-

tection IP 68 provide optimal protection of the batteries and the high efficient lighting technology. In addition, thanks to the rubberised head of the torchlight, the illuminant is well protected against damage if dropped.

## More Light

The sophisticated LED lighting technology provides an excellent level of illumination with a low power requirement. The 3 W Power LED with a luminous flux of approx. 120 lm allows a rated lamp luminous flux of the torchlight of approx. 70 lm with an evenly distributed beam of light. This ensures an optimal illumination of the work area for approx. 15 hours.

## From glove to helmet

The new Stabceag 0 torchlight is easy to operate – even with just one hand and when wearing work gloves. It can be switched on directly via the rubberised switch at the back of the torch.

Together with the appropriate accessories, the torchlight can even be used as a helmet torch. The helmet holder can be fitted easily to conventional DIN helmets. The mounting clip is the magnetic counterpart and is snapped onto the side of the torchlight body.

The fine adjustment of the hinged fixing system, which comprises a holder on the helmet and a magnetic mounting clip, allows a flexible positioning of the torch light.

Simple handling with this innovative helmet accessory, the Stabceag 0 can be mounted in the holder and removed intuitively. Even when the helmet is being worn, the torchlight can be removed from the holder and replaced with just one hand.



The innovative helmet holder system allows the Stabceag 0 to be placed in the holder intuitively and operated easily using the end switch.



## Features

- Suitable for explosive gas (Zone 0, 1, 2) and dust atmospheres (Zone 21, 22)
- 3 W Power LED with 120 lm for a rated luminous flux of the torchlight of approx. 70 lm
- Operating time up to 15 hours
- Operation with one hand via rubberised end switch
- Ready for use (scope of delivery includes batteries acc. ATEX certificate)
- Bipolar battery compartment (incorrect polarity of batteries is not possible)
- Use as helmet lamp with helmet holder accessories (magnetic lamp holder for intuitive mounting)
- Certified helmet accessories in acc. with DIN EN 443:2008, compatible with a large number of conventional helmets

## Ordering details



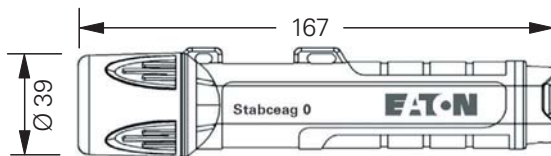
Type	Scope of delivery	Order unit	Order No.
Stabceag 0	with 3 W LED module, 4 x Alkaline AA/LR6 M 1500 batteries	1	<b>1 1380 100 001</b>

## Accessories

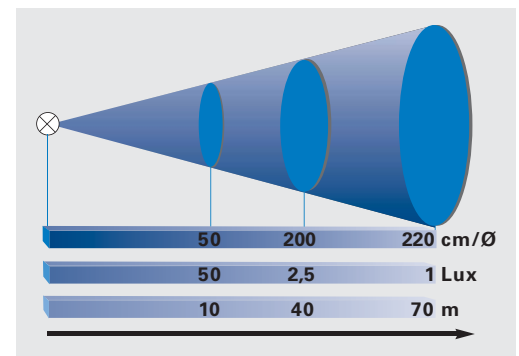


Type	Scope of delivery	Application	Order unit	Order No.
Helmet accessories: Helmet holder for right side use	Polyamide, PA 66, weight approx. 50 g, dimensions 65 x 45 mm (order clip separately)	for Stabceag 0	10	<b>3 1380 100 102</b>
Helmet accessories: Helmet holder for left side use	Polyamide, PA 66, weight approx. 50 g, dimensions 65 x 45 mm (order clip separately)	for Stabceag 0	10	<b>3 1380 100 101</b>
Helm accessories: mounting clip left/right	Glass-fibre reinforced polyamide, weight approx. 11 g, dimensions 50 x 40 mm	for Stabceag 0	10	<b>3 1380 100 103</b>

## Dimension drawing Stabceag 0



## Range diagram Stabceag 0



## Technical data



Stabceag 0	
EC-Type examination Certificate	BVS 13 ATEX E 021 X
IECEX Certificate of Conformity	IECEX BVS 13.0034X
Marking accd. to 2014/34/EU	⊕ II 1 G Ex ia IIC T4 Ga ⊕ II 2 G Ex ib IIIC T105 °C Db IP68
Permissible ambient temperature	-20 °C up to +40 °C; specified data: 0 °C up to +40 °C (battery)
Battery	4 X AA / Mignon / 1,5 V each
Rated operation duration	approx. 15 h
Protection class	III
Lamp/illuminant	3 W power LED module (120 lm)
Rated luminous flux of the torchlight	70 lm
Dimensions (L x B x H)	167 x 39 mm
Enclosure colour	red
Enclosure material	XAG (plastic)
Weight	80 g without battery / 200 g with battery
Degree of protection accd. to EN 60529	IP68



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**U.S. (Global Headquarters):  
Eaton's Crouse-Hinds  
Division**

1201 Wolf Street  
Syracuse, NY 13208

(866) 764-5454  
FAX: (315) 477-5179  
FAX Orders Only:  
(866) 653-0640

[CrouseCustomerCTR@Eaton.com](mailto:CrouseCustomerCTR@Eaton.com)

**For more information:**

If further assistance is required, please contact an authorized Eaton Distributor, Sales Office, or Customer Service Department.

**Australia**

Phone +61-2-8787-2777  
Fax +61-2-9609-2342  
[crousehindsanz@eaton.com](mailto:crousehindsanz@eaton.com)

**China**

Phone +86-21-2899-3600  
Fax +86-21-2899-4055  
[ECHsales@eaton.com](mailto:ECHsales@eaton.com)

**Great Britain**

Phone +44-247-630-89 30  
Fax +44-247-630-10 27  
[sales5@eaton.com](mailto:sales5@eaton.com)

**India**

Phone +91-124-4683888  
Fax +91-124-4683899  
[cchindia@eaton.com](mailto:cchindia@eaton.com)

**Canada**

Toll Free +1-800-265-0502  
Fax +1-800-263-9504  
Fax orders only:  
+1-866-653-0645

**Korea**

Phone +82-2-3484-6783  
Fax +82-2-3484-6778  
[CCHK-sales@cooperindustries.com](mailto:CCHK-sales@cooperindustries.com)

**Mexico/Latin America/  
Caribbean**

Phone +52-555-804-4000  
Fax +52-555-804-4020  
[ventascentromex@eaton.com](mailto:ventascentromex@eaton.com)

**Spain**

Phone +34-9-37362710  
Fax +34-9-37835055  
[sales.CCH.es@cooperindustries.com](mailto:sales.CCH.es@cooperindustries.com)

**Middle East (Dubai)**

Phone +971-4-427-2522 / 2500  
Fax +971-4-429-8521  
[CHMEsales@Eaton.com](mailto:CHMEsales@Eaton.com)

**The Netherlands**

Phone +31-10-2452145  
Fax +31-10-2452121  
[CHRD\\_mail@Eaton.com](mailto:CHRD_mail@Eaton.com)

**Norway**

Phone +47-32-244600  
Fax +47-32-244646  
[CHLlooffice@eaton.com](mailto:CHLlooffice@eaton.com)

**Singapore:**

Phone +65-6645-9888  
Fax +65-6297-4819  
[CHSI-Sales@Eaton.com](mailto:CHSI-Sales@Eaton.com)

**Turkey**

Phone +90-216-464-20-20  
Fax +90-216-464-20-10  
[infoEGTurkey@eaton.com](mailto:infoEGTurkey@eaton.com)

**Russia**

Phone +7-495 510-24-27  
Fax +7-495 510-24-28  
[info@cooper.ru.com](mailto:info@cooper.ru.com)  
[www.cooper-russia.ru](http://www.cooper-russia.ru)

**Eaton's Crouse-Hinds Division**

Neuer Weg – Nord 49  
D-69412 Eberbach

Phone +49 (0) 6271/806-500  
Fax +49 (0) 6271/806-476  
E-mail [info-ex@eaton.com](mailto:info-ex@eaton.com)  
Internet [www.crouse-hinds.de](http://www.crouse-hinds.de)

**Eaton**

1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
[Eaton.com](http://Eaton.com)

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**Eaton's Crouse-Hinds Division**  
1201 Wolf Street  
Syracuse, NY 13208  
(866) 764-5454  
[CrouseCustomerCTR@Eaton.com](mailto:CrouseCustomerCTR@Eaton.com)

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