

Explosion protected hand lamps

CEAG Products



HE 9 Basic LED - the "lite weight"
Explosion protected hand lamp with LED technique



Crouse-Hinds
by **EATON**

Ex hand lamp 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, even when wearing work gloves.



Features

- 3W 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 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	with 3 W LED module, with accumulator	1	1 1118 009 410

Accessories

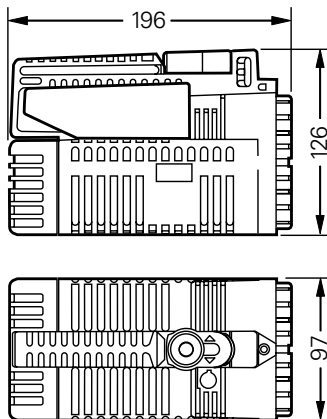


Type	Scope of delivery	Application	OU	Order No.
Charger plug 100 - 240 V AC with charging indication	line cord 1.8 m with plug	for HE 9 Basic LED	1	1 1518 009 111

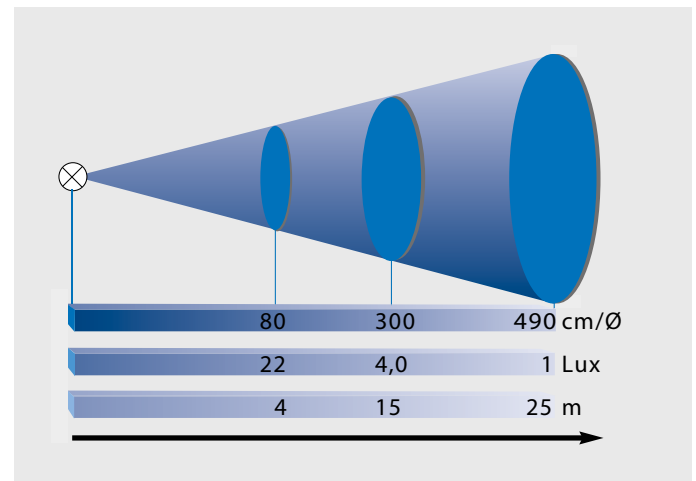


Battery insert with Li-Ion-accumulator 3.75 V/4.8 Ah		for HE 9 Basic LED	1	2 1118 910 001
--	--	--------------------	---	-----------------------

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 94/9/EC	Ⓔ 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



Eaton's Crouse-Hinds Business

The safety you rely on.

See the complete offering of Hazardous and Industrial Products at www.crouse-hinds.de.

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

1201 Wolf Street
Syracuse, NY 13208

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

[crouse.customerctr@
cooperindustries.com](mailto:crouse.customerctr@cooperindustries.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
CEASales@
cooperindustries.com

China

Phone +86-21-2899-3600
Fax +86-21-2899-4055
cchsales@cooperindustries.com

Great Britain

Phone +44-247-630-89 30
Fax +44-247-630-10 27
[sales.CCH.gb@
cooperindustries.com](mailto:sales.CCH.gb@cooperindustries.com)

India

Phone +91-124-4683888
Fax +91-124-4683899
cchindia@cooperindustries.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

**Mexico/Latin America/
Caribbean**

Phone +52-555-804-4000
Fax +52-555-804-4020
[mxmercadotecnia@
cooperindustries.com](mailto:mxmercadotecnia@cooperindustries.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
[sales.CCH.me@
cooperindustries.com](mailto:sales.CCH.me@cooperindustries.com)

The Netherlands

Phone +31-10-2452145
Fax +31-10-2452121
[sales.CCH.nl@
cooperindustries.com](mailto:sales.CCH.nl@cooperindustries.com)

Norway

Phone +47-32-244600
Fax +47-32-244646
[sales.CCH.no@
cooperindustries.com](mailto:sales.CCH.no@cooperindustries.com)

Singapore:

Phone +65-6645-9888
Fax +65-6297-4819
[chsi-sales@
cooperindustries.com](mailto:chsi-sales@cooperindustries.com)

Turkey

Phone +90-216-464-20-20
Fax +90-216-464-20-10
infoEGTurkey@eaton.com

Russia

Phone +7-495 510-24-27
Fax +7-495 510-24-28
info@cooper.ru.com
www.cooper-russia.ru

Eaton's Crouse-Hinds Business

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
Internet www.crouse-hinds.de

Eaton

1000 Eaton Boulevard
Cleveland, OH 44122
United States
Eaton.com

© 2014 Eaton Corporation
All Rights Reserved
Printed in Germany
Publication No. BR 30080002254
October 2014

Changes to the products, to the information contained in this document, and to prices are reserved; so are errors and omissions. Only order confirmations and technical documentation by Eaton is binding. Photos and pictures also do not warrant a specific layout or functionality. Their use in whatever form is subject to prior approval by Eaton. The same applies to Trademarks (especially Eaton, Moeller, and Cutler-Hammer). The Terms and Conditions of Eaton apply, as referenced on Eaton Internet pages and Eaton order confirmations.

Eaton's Crouse-Hinds Business
1201 Wolf Street
Syracuse, NY 13208
(866) 764-5454
crouse.customerctr@cooperindustries.com

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

Crouse-Hinds
by **EATON**