

SHL 350-Ex

THE SHL 350-EX IS A RUGGED HAND LAMP WITH LED TECHNOLOGY THAT IS DESIGNED FOR INDUSTRIAL AND FIRE-FIGHTING APPLICATIONS IN POTENTIALLY EXPLOSIVE AREAS CLASSIFIED AS ZONE 0 AND 20 IN ACCORDANCE WITH DIRECTIVE 1999/92/EC (ATEX).

All of the important features exhibited by the predecessor SHL 300-Ex, such as battery life and high light output, have been optimised in the development of the SHL 350-Ex. The design of the SHL 350-Ex combines ergonomics and functionality - all of the switches and displays are arranged in a concentrated manner and are operable with just one hand.

The use of three 3-watt high-power, state of the art LEDs ensures that it is not only the brightest hand lamp of its kind, but also that an extremely high level of operational reliability is maintained. This is due to an LED service life of around

50,000 hours and the intelligent control system that ensures a high light output even if one of the LEDs fails.

A new feature is the temperature-compensated battery capacity display, which guarantees an accurate reading at any operating temperature. In addition, the requirements for fire-fighting equipment standards (DIN 14642) for explosion-protected handlamps have also been taken into account during development.

SHL 350-Ex

HAND LAMP FOR ZONE 0 / 20

EX DATA

ATEX



⊕ II 1G Ex ia op is IIC T4 Ga

⊕ II 1D Ex ia IIIC T130°C Da



RUGGED LIGHT FUNCTIONAL

Emergency lighting and flashing light functions are also integrated in the hand lamp. The optional diffusing and coloured filters are fitted within easy reach underneath the pivoting head.



TECHNICAL DATA

Ambient temperature	-20 °C ... +50 °C
Storage temperature	-30 °C ... +60 °C
Power supply	ecom-Ex battery pack
Bulb	3 high performance LEDs
Luminosity	10,000 lux (at a distance of 1 m)
Luminous flux	211 lumens
Operating time	approx. 6 hours (battery charged, dimmer set to 100% light output)
Dimmer function	between 25 % and 100 % light output (adjustable in 25% increments)
Dimensions	approx. 140 x 190 x 300 mm
Weight	approx. 2.4 kg
IP protection class	IP65
Solvent resistance	Acetone
ESD protection	Anti-static housing
Charging cycles	min. 300 charging cycles with over-discharge and short-circuit protection
CE-designation	CE 0102

SCOPE OF DELIVERY

- SHL 350-Ex
- Battery (integrated in the unit)
- Carrying strap
- User manual
- Ex-certificate
- EC Declaration of Conformity

SHL 350-Ex

EASY CHARGING

The charging station, which has also been designed for easy use and single-handed operation, allows the SHL 350-Ex to attach securely into the charger in any direction. The handlamp is seated so securely in its charging station that it could theoretically even be mounted upside down.

SHL 350-Ex

HAND LAMP FOR ZONE 0 / 20




FEATURES

- Zone 0 / 20
- Approx. 10,000 lux through 3 high performance LEDs (at a distance of 1 m)
- Flashing mode
- Can be dimmed between a brightness level of 25 % and 100 % (in increments of 25 %)
- LED service life of approx. 50,000 hrs
- Rugged, anti-static housing, IP65
- Pivoting lamp head
- Optimum weight distribution, thereby ensuring optimum carrying comfort
- Temperature-compensated, 5-part battery capacity display
- Emergency lighting functions with high luminosity



RUGGED LIGHT FUNCTIONAL

ACCESSORIES

	ARTICLE NO.	PRODUCT DESCRIPTION
	A0002012 - 2017 	Diffusing filters in red, green, yellow, blue and uncoloured, diffused
	AS002006	LG 300-HVC Charging station for mains operation 110V - 240V
	AS002008	LG 300-LVC Charging station for mains operation 12V / 24V
	A0002009 	Carrying strap



EMEA

Germany (Headquarters) ¹

ecom instruments GmbH
Industriestraße 2
97959 Assamstadt
Phone +49 62 94 42 24-0
Fax +49 62 94 42 24-100
sales@ecom-ex.com

¹ also covering Austria

ecom Benelux ²

ecom instruments BV
Watertoren 45c
3247 CL Dirksland, Netherlands
Phone +31 1 87 60 59 16
Fax +31 1 87 60 33 47
info.nl@ecom-ex.com

² also covering Belgium and Luxembourg

France ³

ecom Nied sarl
4 Rue Ettore Bugatti
67201 Eckbolsheim
Phone +33 3 88 76 46 84
Fax +33 3 88 76 02 85
info.fr@ecom-ex.com

³ also covering Algeria, Egypt, Morocco, Tunisia and Libya

Italy

ecom instruments srl
Via Gandhi, 15 Galleria
20017 Rho (MI)
Phone +39 02 93 90 92 16
Fax +39 02 93 90 62 97
info.it@ecom-ex.com

Switzerland

ecom instruments GmbH
Merkurstraße 2
6210 Sursee
Phone +41 4 19 21 60 00
Fax +41 4 19 22 00 08
info.ch@ecom-ex.com

United Kingdom

ecom instruments ltd
A310, The Wilton Centre,
Redcar, TS10 4RF,
United Kingdom
Phone +44 1642 46 54 00
Fax +44 1642 46 54 02
info.uk@ecom-ex.com

Nordics

ecom instruments GmbH
Postbox 304
2970 Hørsholm
Denmark
Phone +45 28 252 575
info.nordics@ecom-ex.com

Middle East

ecom instruments fze
P.O. Box 8918
Saif-Zone, Sharjah, UAE
Phone +971 6 5 57 34 30
Fax +971 6 5 57 34 31
info.uae@ecom-ex.com

Americas

USA Headquarters

ecom instruments Inc.
1779 Westborough Drive, Suite 102
Katy, Texas 77449
Phone +1 281 496 59 30
Fax +1 281 496 23 21
info.us@ecom-ex.com

Asia

South East Asia

ecom instruments (SEA) Pte Ltd.
12 Arumugam Road
#05-11 Lion Building B
Singapore 409958
Phone +65 61 00 33 29
Fax +65 63 99 33 29
info.sg@ecom-ex.com

