

ExSPECT
LED hand lamp for Ex-Zones 1/21
Series e9310

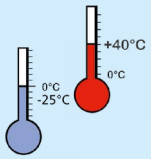
Applications:
For use as work lighting in hazardous areas of Zones 1, 2 and 21, 22 which cannot be illuminated by any general lighting equipment.

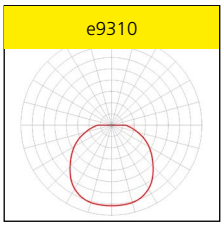
Design:
Handle: Made of rubber (EPDM), with suspension eye, cable relief, cable entry M20 x 1.5 mm² with bend protection.
Electrical kit: Diecast aluminium, with LED-Module and integrated ECG.
Cover: Polycarbonate, frosted
Wire guard: Round steel, cage hook for suspension purpose.
Operating position: Any method except.

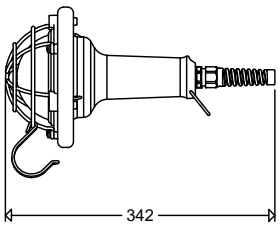
Technical Data:
LED: approx. 6,500 K, CRI typically 80, service life L_{70} > 100,000 h at max. ambient temperature
Rated voltage: 220 - 240 V AC/DC, 0 or 50/60 Hz
Admissible ambient temperature: -25 °C up to +40 °C

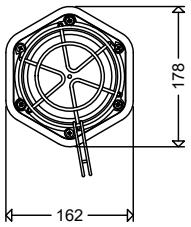
Product highlights:

- **robust design for reliable and safe long-term use**
- sturdy handhold
- shock resistant PC-cover
- additional safety due to robust wire guard
- high degree of protection IP66 (dust-proof and jet-proof)
- **user-friendly and for various applications**
- light weight
- suspension eye and cage hook
- **homogeneous illumination by using frosted cover**, no particular light points visible, comfortable perception of light, brilliant glare limitation
- ATEX-certified for gas and dust hazardous areas (Zones 1/21 and 2/22)
- ATEX-certified for explosion group II C and temperature class T4
- wide range of admissible ambient temperature from -25 °C to +40 °C
- control gear with LED-module replaceable by qualified personnel on-site









Article no.	Type	Connected load [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Weight [kg] (without packing material)
e9310					
		EU-Type Examination Certificate: IBExU 19 ATEX 1134 Other approvals: IECEx IBE 19.0028		Marking: II 2G Ex eb mb IIC T4 Gb (Zone 1) II 2D Ex tb IIIC T80°C Db (Zone 21) Ignition protection: „e" (increased safety)	
93100 0001	**e9310F**	10	600	55	1,3

II 2G Ex eb mb IIC T4 Gb | II 2D Ex tb IIIC T80°C Db | IP66

Accessories / Spare Parts

Article no.	Type	
93101 9003	**ABD 9308F**	cover, frosted PC diffuser, for e9310 ...
93101 9004	**SK 930 B**	spare wire guard, with suspension hook
93101 9002	**93KT**	cable gland with bend protection

! Properties, limitations and details for controlling LED-light fittings:
See "Technical Supplement"

All data are correct at the time of printing. Actual technical data can be found under www.schuch.de.