



ExSPECT LED Handlamp 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 1,5mm² 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:

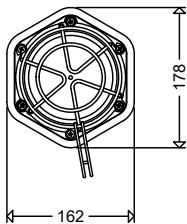
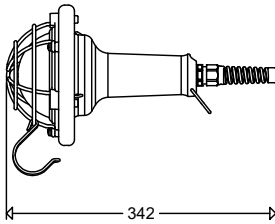
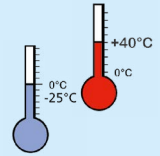
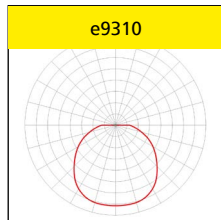
LED: approx. 6,500K, CRI typically 80, service life L₇₀ > 100.000h at max. ambient temperature

Rated voltage: 220 - 240V AC/DC, 0 or 50/60Hz

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
- sustainable, 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)
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e9310



II 2G Ex eb mb
op is IIC T4 Gb

II 2D Ex op is tb
IIIC T80°C Db

IP66



EU-Type Examination Certificate:

IBExU 19 ATEX 1134

Other approvals:

IECEx IBE 19.0028

Marking:

II 2G Ex eb mb op is IIC T4 Gb (Zone 1)

II 2D Ex op is tb IIIC T80°C Db (Zone 21)

Ignition protection: „e“ (increased safety)

93100 0001	e9310F	11	600	55	1,3
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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.

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