



NEW

LED-Ceiling- or Wall-mounting light fitting for Ex-Zones 1/21

Series e9312

Applications:

Hazardous locations of zones 1 (gas) and 21 (dust) with low requirements for illuminance, strained field conditions or hard to reach areas.

Design:

Housing: Diecast aluminium, untreated.

Electrical kit: Diecast aluminium, with LED-Module and integrated ECG.

Cover: Polycarbonate, frosted.

Wire guard: Galvanized steel (OSK without wire guard).

Connection:

3 pole terminal, max. connection range 2,5mm².

Cable entry system:

2 x M25 x 1,5 (1 gland and 1 plug).

Mounting: 2 cast on brackets for wall or ceiling mounting

Standard: Any method except.

Technical Data:

LED: approx. 6,500K, CRI typically 80

Rated voltage: 220-240V AC/DC

Admissible ambient temperature: -25°C up to +40°C

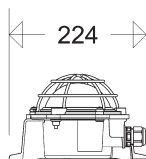
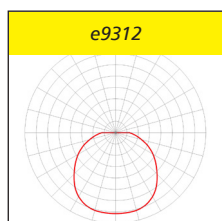
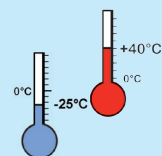
Options:

– 5-pole connection, max. connection range 2,5mm²

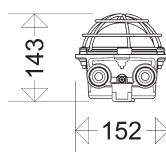
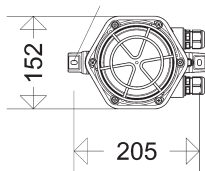
– with 2 cable glands M25 x 1,5mm²

Product highlights:

- robust, corrosion-resistant housing
- outer screws and bolts made of stainless steel
- shock resistant PC-cover
- additional safety due to robust wire guard
- **homogeneous illumination by using frosted cover**, no particular light points visible, comfortable perception of light, brilliant glare limitation
- wide range of admissible ambient temperature -25°C up to +40°C
- easy mounting with outer fixing points



slotted hole 6,5x 10,5



Article no.	Type	Power consumption [W] *	Luminous flux [lm] *	Luminous efficacy [lm/W]	Energy efficiency class	Weight [kg] (without packing material)
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e9312



II 2G Ex eb mb
op is IIC T4 Gb

II 2D Ex op is tb
IIIC T80°C Db

IP66



EC-Type Examination Certificate:
in preparation

Ignition protection: „e“ (increased safety)

Marking:

II2G Ex eb mb op is IIC T4 Gb (Zone 1)

II2D Ex op is tb IIIC T80°C Db (Zone 21)

93120 0001	e9312F SK	11	600	55	A++	1,3
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* see notes

Properties, limitations and details for controlling LED-light fittings:

See "Technical Supplement"

All technical data is relevant at the time of print. Actual technical data can be found in the internet under www.schuch.de.

Accessories / Spare Parts

Article no.	Type	
93101 9000	9309F	spare glass, frosted
93101 9001	930A	spare wire guard
90117 9000	2537	plastic gland M25x1,5
90118 9000	2538	plastic plug M25x1,5