

ExGLOBE
LED-Ceiling- or Wall-mounting light fitting for Ex-Zones 1/21
Series e9312

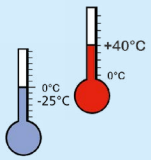
Applications:
Hazardous locations of zones 1 (gas) and 21 (dust) with low requirements for illuminance, straintened field conditions or hard to reach areas.

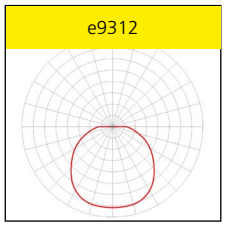
Design:
Housing: Diecast aluminium, unpainted
Electrical kit: Diecast aluminium, with LED-Module and integrated ECG.
Cover: Polycarbonate, frosted.
Wire guard (SK): Galvanized steel.
Connection:
3 pole terminal, max. connection range 2,5 mm².
Cable entry system:
2 x M25 x 1.5 (1 gland and1 plug).
Mounting: 2 cast on brackets for wall or ceiling mounting
Operating position: Any method except.

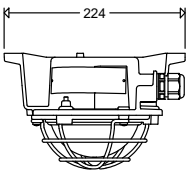
Technical Data:
LED: approx. 6,500 K, CRI typically 80, service life L_{70} > 100,000 h at max. ambient temperature
Rated voltage: 220-240 V AC/DC, 0 or 50/60 Hz
Admissible ambient temperature: -25 °C up to +40 °C

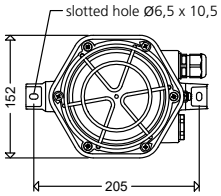
Options:
– cable gland 2 x M25 x 1.5

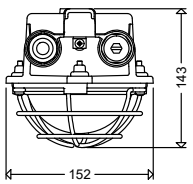
Product highlights:
- robust, corrosion-resistant housing
- outer screws and bolts made of stainless steel
- shock resistant PC-cover
- additional safety due to robust wire guard (SK)
- **homogeneous illumination by using frosted cover**, no particular light points visible, comfortable perception of light, brilliant glare limitation
- **wide range of admissible ambient temperature -25 °C up to +40 °C**
- **easy mounting with outer fixing points**
- 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)
e9312					
	EU-Type Examination Certificate: IBExU 20 ATEX 1092 Other approvals: IECEx IBE 20.0013				
	Marking: II2G Ex eb mb IIC T4 Gb (Zone 1) II2D Ex tb IIIC T80°C Db (Zone 21) Ignition protection: „e" (increased safety)				
93120 0001	**e9312F SK**	10	600	55	1,3
93120 0002	**e9312F**	10	600	55	1,2

Accessories / Spare Parts

Article no.	Type	
93101 9000	**ABD 9309F**	cover, frosted PC diffuser, silicone seal, for e9312 ...
93101 9001	**SK 930 A**	spare wire guard
90117 9000	**2537**	plastic gland M25 x 1,5
90118 9000	**2538**	plastic plug M25 x 1,5

! 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.