

NEW

Explosion-proof Sheet Steel Light Fitting for Ceiling -, Wall - or Recessed Mounting Series e800...



Applications:

Hazardous areas of zones 1 + 2 and 21 + 22.

Design:

Housing: Sheet steel (or stainless steel), powder coated in white (RAL 9016).

Glass pane: Impact resistant safety glass pane, frameless, hinged.

Reflector: White sheet steel, detachable.

Central locking system: Operated by a 5mm allen key. Hinges on the opposite side.

Isolating switch: Switching off all poles when the light fitting is opened. Optical indicator showing the actual position of the switch.

Connection terminals: Standard

Connection range: 2,5 mm² max.

Cable entry: Standard: 1 cable gland M25 x 1,5

Mounting: Lighting downwards or horizontally.

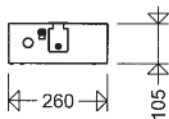
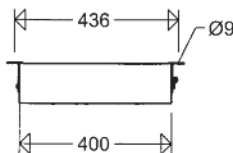
Mounting brackets are included.

Explosion proof
Light Fittings Zone 1

Attention:

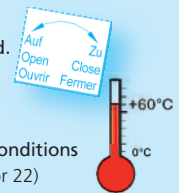
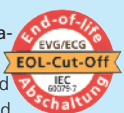
For installation in humid and corrosive atmospheres please select light fittings with housings in stainless steel.

Special versions available for extreme conditions (short cycle operation, e.g. rain storage reservoirs or wastewater treatment plants and equivalent) please contact us.



SCHUCH Quality – your advantage:

- sturdy design of high chemical resistance for application in rough industrial conditions
 - housing made from powder coated sheet steel or upon request from stainless steel
 - frameless safety glass pane
 - solid central locking system with high grade internal aluminium hinges
- reliable, fail safe and long-life thanks to a special ex-proof quartz sand encapsulated ECG with high-grade quality features
 - "end-of-life switching-off system" i.e. at life end the fluorescent tube is safely switched off (certification acc. to the latest standard IEC 60079-7 with 2 safety circuits Test 1 and Test 2)
 - standard: Double channel system with separate lamp monitoring
- best suitable for mounting and maintenance purpose. Safety implemented.
 - Original SCHUCH central locking system with hingeable safety glass pane for easy lamp replacement
 - isolating switch with optical indicator showing the actual position of the switch
- wide range of application and flexibility at most different environmental conditions
 - certification for installation in gas and dust atmospheres (zones 1 or 2 and 21 or 22)
 - wide range of admissible ambient temperature from -20°C to +60°C



e800..



II 2 G Ex deq IIC T4

II 2 D Ex tD A21 T80°C

IP65



for bi-pin fluorescent tube, socket G5

EC-Type Examination Certificate:

PTB 08 ATEX 2026

Other approvals:

GOST-R/ROSTECH-NADZOR (Russia)

Marking:

II2 G Ex deq IIC T4 (Zone 1)

II2 D Ex tD A21 IP65¹⁾ T80°C (Zone 21)

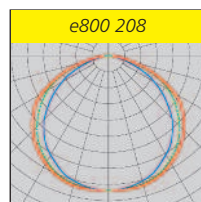
Ignition protection: e (increased safety)

Rated voltage: 220-240V AC/DC,

0 or 50-60Hz

Admissible ambient temperature:

-20°C up to +55°C/+60°C



Type	Article no.	Temp.-class	Lamps W	Weight ca.kg ²⁾
e800 108	80000 0001	T4	1 x T 16/8 W	6,2
e800 208	80000 0002	T4	2 x T 16/8 W	6,3

1) A climatic breather may reduce the IP rating to IP64 (depending on the orientation of the breather)

2) Weights without packing material.

Further series / Equipment

- without isolating switch (e800.. OS)
- with monitoring module in case of connection to a central or group battery system
- with frame for recessed installation
- 2 entries on one small end of the housing for looping the mains cable
- with housing in stainless steel
- with remote switch connection

Accessories / Spare Parts

Type	Article no.	
Spare glass pane		
8100	80009 9001	spare glass pane
Spare cable glands		
2537	90117 9000	ex-proof plastic cable gland M25 x 1,5