

Lighting: Signaling Products

SBDO Series: Signaling and Lighting Bulkhead – Flameproof



Compact Fluorescent
Painted Glass Version



Green LED
Version

Compliance Data:

ATEX - IEC:



Zone 1 & 2 – 21 & 22	ATEX	II 2 GD	IEC	CE
Ex d IIB	T6 to T4	Ex tD A21	T58°C to T119°C	IP66 – IK08

Lamp Type and Power:

Compact Fluorescent	LED	Incandescent		
7-11-15 W	Green 4 W - Red 3 W	Up to 60 W		

Operating Temperature:

-20°C to +40°C

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Zone 1 & 2 - 21 & 22

⊕ II 2 GD

ATEX / IEC

IP66 - IK08

LIGHTING

Applications:

- For lighting and signaling.

Features:

- For compact fluorescent 15 W max. or incandescent 60 W max. (lamps not supplied).
- E27 lampholder.
- LED versions: green, red, yellow and blue complete with LED lamps, 3 W and 4 W versions.
- Operating in any position.
- Fixing by 2 integrated brackets.
- Connection to lampholder via two terminals 1 x 2.5 mm².
- LED version: terminal block 4 x 2.5 mm² for looping connection facility.
- Internal earth two terminals 2.5 mm², external earth 1 x 4 mm².
- Two M20 entries through feed.
- Supplied with 1 blanking plug M20.

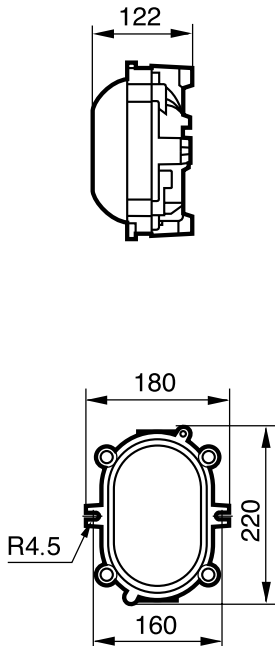
Standard Material of Fixtures:

- Gray painted aluminum body and bezel.
- Sealed toughened lamp glass.

Standard Materials of Accessories:

- Zinc plated steel guard.

Dimensions (mm):



Ordering Information:

Compact Fluorescent (7 W to 15 W) or Incandescent (up to 60 W):

Color (Painted Glass)	Weight (Kg)	Volume (dm ³)	Catalog Number	Old Catalog Number	Pack
Red	3	9	SBDOSR	094708	1
Green	3	9	SBDOSG	094712	1

LED version 230-240 Vac 50/60 Hz:

Red (1)	3.5	9	SBDOSRLD24A	–	1
Green (1)	3.5	9	SBDOSGLD24A	–	1
Yellow (1)	3.5	9	SBDOSYLD24A	–	1
Blue (1)	3.5	9	SBDOSBLD24A	–	1

(1) with transformer 230-240 V / 24 V

Accessories:

	Catalog Number	Old Catalog Number	Pack
Zinc Plated Steel Protective Guard	HBDOPGZ	094770	1

Terminal block

for through wiring 2 x 2.5 mm ² with high temperature sleeve (no need for LED version)	094784	094784	1
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Compliances:

Hazardous Area	Gas	Dust
Certification Type	HBOd	
Zones	1–2	21–22
Conforming to ATEX 94/9/CE	CE 0081 ⊕ II 2 G	CE 0081 ⊕ II 2 D
Symbol of Protection ATEX	Ex d IIB	Ex tD A21
Symbol of Protection IEC		
T Rating	T4 (Incandescent) T6 (LED & Compact Flu.)	N.A.
Surface Temperature	N.A.	T58°C (LED) T76°C (Compact Flu.) T119°C (Incandescent)
Ambient Temperature	-20°C to +40°C	
CE Declaration of Conformity	50234	
ATEX Certificate	LCIE 02 ATEX 6162	
IEC Certificate	LCIE Ex 02.013	
Other Certifications	GOST	
Index of Protection (solid and liquid)	IP66	
Impact Resistance (shock)	IK08	
Internal Volume	≤2 dm ³ (2 liters)	

Standards:

Ex Standards	EN / IEC 60079-0; 60079-1; 61241-0; 61241-1
Product Standards	EN / IEC 60598-1
EMC Standards	EN / IEC 55015; 61547
Other Standards	EN / IEC 60529 (IP); 62262 (IK)