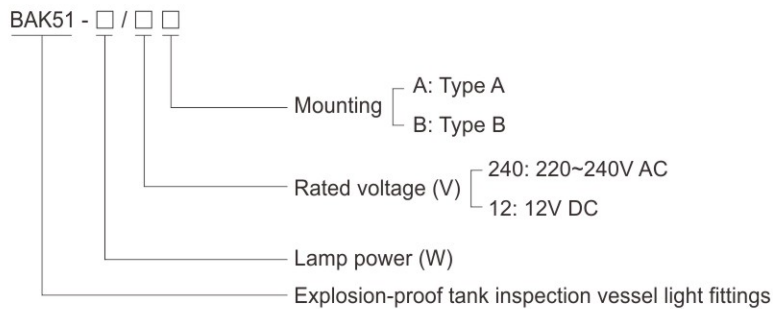




- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- ◆ Available for 35W or 50W halogen tungsten lamp, with high light efficiency and long service life.
- ◆ A or B mounting type is optional.
- ◆ Enclosure in Copper-free Aluminium Alloy, powder coated surface, yellow (RAL1021).

■ Catalogue number logic



■ Selection table

Type/Ordering code	Available lamp power (W)	Weight(kg)	Type/Ordering code	Available lamp power (W)	Weight(kg)
BAK51-35/240A	35W Halogen tungsten lamp	2.15	BAK51-50/240A	50W Halogen tungsten lamp	2.15
BAK51-35/240B		2.15	BAK51-50/240B		2.15
BAK51-35/12A		2.00	BAK51-50/12A		2.00
BAK51-35/12B		2.00	BAK51-50/12B		2.00

Zones 1&2; 21&22

Local, Caution Spotlight Fittings

BAK51 Series Explosion-proof Tank Inspection Vessel Light Fittings

Technical data

Explosion-proof tank inspection vessel light fittings BAK51-□/□□

Explosion protection

Global (IECEX)	IECEX CNEX 18.0033X
Gas and dust	Ex db IIB T3 Gb Ex tb IIIC T190°C Db
Europe (ATEX)	CNEX 18 ATEX 0026 X
Gas and dust	Ⓔ II 2 G Ex db IIB T3 Gb Ⓔ II 2 D Ex tb IIIC T190°C Db

Certificates

IECEX; ATEX

Conformity to standards

EN 60079-0, EN 60079-1, EN 60079-31
IEC 60079-0, IEC 60079-1, IEC 60079-31

Material

Enclosure	Copper-free Aluminium Alloy, powder coated surface, yellow (RAL1021)
Glass cover	Toughened glass, impact resistance and high light transmission
Exposed fastener	Stainless steel

Lamp

Available lamp	Halogen tungsten lamp
Lamp holder	GY6.35
Lamp power (W)	35W, 50W
Adaptable voltage	DC 12V

Rated voltage

220~240V AC 50Hz
12V DC; 24V AC/DC

Earthing protection

M5 (internal & external earth bolts)

Degree of protection

IP66

Ambient temperature

-60°C~+60°C

Terminal

3 x 1.5~2.5mm² (L+N+PE)

Cable entries

1 x G3/4"

Cable gland

Supplied with seal gasket and gland nut, cable gland on request.

Applicable cable outer diameter

Φ 10~Φ 14 (mm)



Dimension drawings (all dimensions in mm) - subject to alteration

