

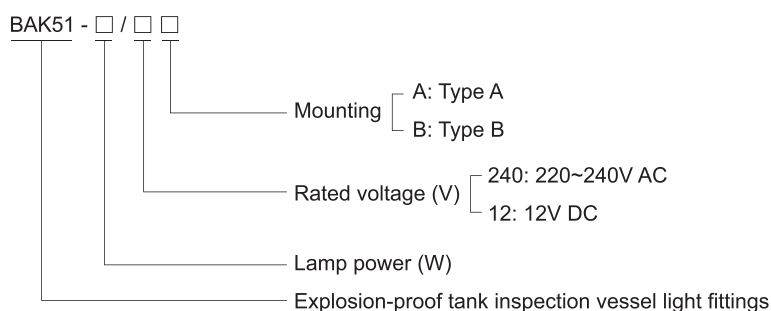
Local, Caution Spotlight Fittings

BAK51 Series Explosion-proof Tank Inspection Vessel Light Fittings



- ◆ 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, 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

- Gas explosion protection
- Dust explosion protection

Ex II 2 G Ex d IIC T3 Gb

Ex II 2 D Ex tb IIIC T190°C Db IP66

Certificates

LCIE 06 ATEX 6020; IECEx LCI 08.0007

Conformity to standards

EN 60079-0:2012, EN 60079-1:2007, EN 60079-31:2009
IEC 60079-0:2011, IEC 60079-1:2007, IEC 60079-31:2008

Material

- Enclosure
- Glass cover
- Exposed fastener

Copper-free aluminium, powder coated surface, yellow (RAL1021)

Toughened glass, impact resistance and high light transmission

Stainless steel

Lamp

- Available lamp
- Lamp holder
- Lamp power (W)
- Adaptable voltage

Halogen tungsten lamp

GY6.35

35W, 50W

DC 12V

Rated voltage

220~240V AC 50Hz

DC 12V

Earthing protection

M5 (internal & external earth bolts)

Degree of protection

IP66

Ambient temperature

-60°C~+55°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

