

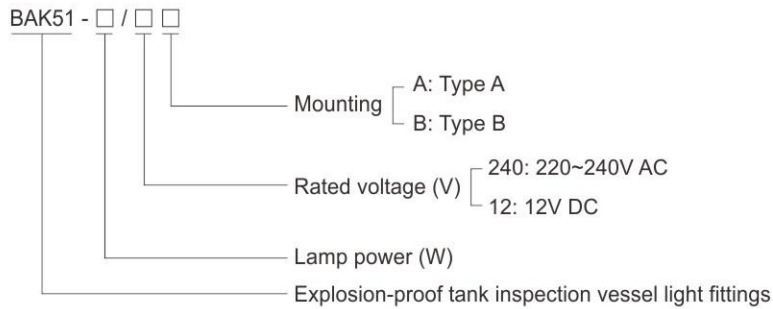
## Local, Caution Spotlight Fittings

### 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 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 IP66
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 IP66

#### Certificates

IECEX; ATEX

#### Conformity to standards

EN 60079-0, EN 60079-1, EN 60079-31  
IEC 60079-0, IEC 60079-1, IEC 60079-31  
RE 32A

#### 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 1.5~2.5mm<sup>2</sup> (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

