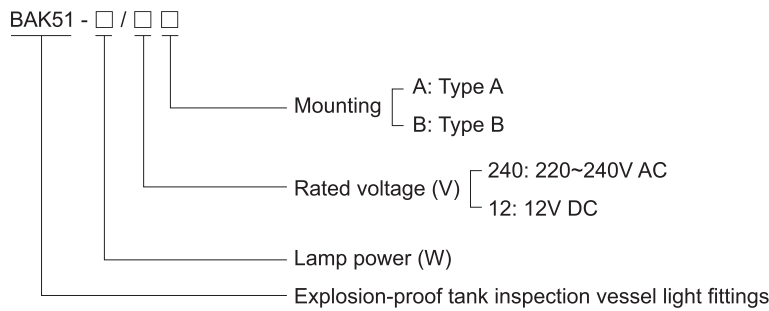


## Local, Caution Spotlight Fittings BAK51 Series Explosion-proof Tank Inspection Vessel Light Fittings



- ◆ 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-□/□□	
<b>Explosion protection</b>	
Gas explosion protection	⊕ II 2 G Ex d IIB T3 Gb
Dust explosion protection	⊕ II 2 D Ex tb IIIC T190°C Db IP66
<b>Certificates</b>	LCIE 06 ATEX 6020; IECEx LCI 08.0007
<b>Conformity to standards</b>	EN 60079-0, EN 60079-1, EN 60079-31 IEC 60079-0, IEC 60079-1, IEC 60079-31
<b>Material</b>	
Enclosure	Copper-free aluminium, powder coated surface, yellow (RAL1021)
Glass cover	Toughened glass, impact resistance and high light transmission
Exposed fastener	Stainless steel
<b>Lamp</b>	
Available lamp	Halogen tungsten lamp
Lamp holder	GY6.35
Lamp power (W)	35W, 50W
Adaptable voltage	DC 12V
<b>Rated voltage</b>	220~240V AC 50Hz 12V DC; 24V AC/DC
<b>Earthing protection</b>	M5 (internal & external earth bolts)
<b>Degree of protection</b>	IP66
<b>Ambient temperature</b>	-60°C~+55°C
<b>Terminal</b>	3 x 1.5~2.5mm <sup>2</sup> (L+N+PE)
<b>Cable entries</b>	1 x G3/4"
<b>Cable gland</b>	Supplied with seal gasket and gland nut, cable gland on request.
<b>Applicable cable outer diameter</b>	Φ 10~Φ 14 (mm)



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

