



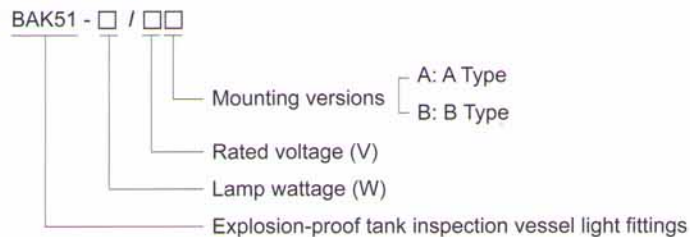
## BAK51-□/□□ Series

### Explosion-proof Tank Inspection Vessel Light Fittings

- ◆ Explosion protection to
  - CENELEC
  - IEC
- ◆ Can be used in Zone 1 and Zone 2
- ◆ Available for halogen tungsten lamp of 35W, 50W, high light efficiency, long service life; with specially designed reflector, improve the spot lighting effect.
- ◆ A or B mounting method
- ◆ Housing in aluminum alloy, powder-coated.

BAK51 series explosion-proof tank inspection vessel light fittings are suitable for the illumination of storage tank, pipeline flow indicator in II A, II B explosive gas atmosphere of factory, oil field and platform.

### Catalogue number logic



### Selection table

Type/Ordering code	Available lamp and wattage (W)	Weight	Type/Ordering code	Available lamp and wattage (W)	Weight
BAK51-35/AC220VA	Halogen tungsten lamp 35W	2.0 kg	BAK51-50/AC220VA	Halogen tungsten lamp 50W	2.0 kg
BAK51-35/AC220VB		2.0 kg	BAK51-50/AC220VB		2.0 kg
BAK51-35/DC12VA		1.9 kg	BAK51-50/DC12VA		1.9 kg
BAK51-35/DC12VB		1.9 kg	BAK51-50/DC12VB		1.9 kg

# Zones 1&2

## Local, Caution Spotlight Fittings

### BAK51 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 2G Exd II BT3
<b>Certificates</b>	For gas explosion protection	LCIE 06 ATEX 6020; IECEx LCI 08. 0007;
<b>Conformity to standards</b>		EN 60079-0:2004; EN 60079-1:2004; IEC 60079-0:2004; IEC 60079-1:2003
<b>Material</b>	Housing	Aluminum alloy, powder-coated, yellow
	Toughened glass	Resistant to impact, high light transmission
<b>Lamps</b>	Available lamp	Halogen tungsten lamp
	Lamp holder	GY6.35
	Rated wattage	35W 50W
	Lighting effect	Inside with a reflector mirror, 4m focusing pointing distance.
<b>Available voltage</b>		AC 220V 50Hz (198V~242V) DC12V
<b>Earthing protection</b>		M5 (earthing bolt inside and outside the light fittings)
<b>Degree of protection</b>		IP65
<b>Ambient temperature</b>		-20°C ~ +55°C
<b>Connection</b>		Terminals 3 x 1.5~2.5mm <sup>2</sup> (L+N+PE)
<b>Hub</b>		G3/4"
<b>Cable gland</b>		With cable seal ring and bell lock device, the cable gland is not required when cable enters.
<b>Available cable outer diameter</b>		ø10~ø14 (mm)

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

