

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

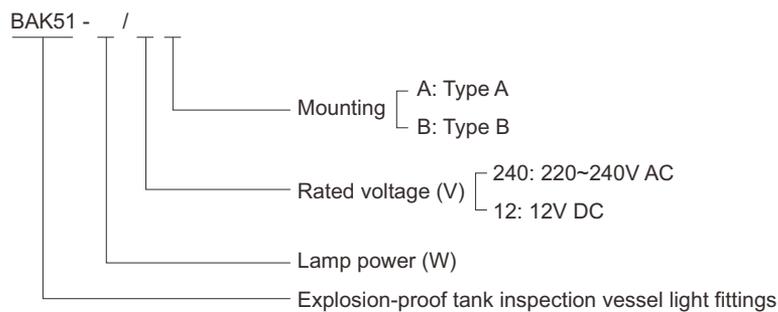
Zone 21 and Zone 22

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 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 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 ~+60
Terminal	3 x 1.5~2.5mm ² (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	10~ 14 (mm)



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

