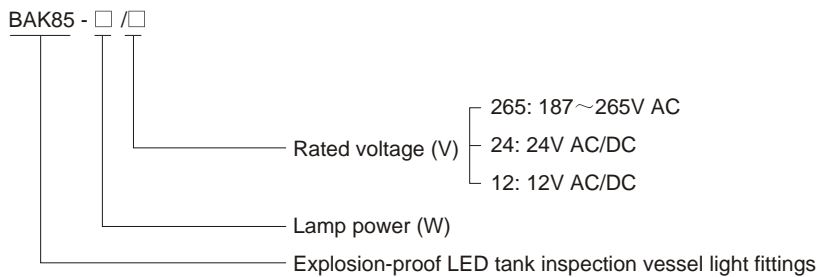




Local, Caution Spotlight Fittings BAK85 Series Explosion-proof LED Tank Inspection Vessel Light Fittings

- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- ◆ Applicable lamp and power:
 - LED lamps, energy-saving and long service life, 9W
- ◆ Enclosure in copper-free aluminium, powder coated external surface, yellow (RAL1021).

Catalogue number logic



Selection table

Type/Ordering code	Lamp power (W)	Rated voltage (V)	Weight (kg)
BAK85-9/265	9	187~265V AC 50/60Hz	2.20
BAK85-9/24		24V AC/DC	
BAK85-9/12		12V AC/DC	

Note: The product is supplied according to "Type/Ordering code" in the table with mounting accessories.

Zones 1&2; 21&22

Technical data

Explosion-proof LED tank inspection vessel light fittings BAK85-□/□

Explosion protection

Gas explosion protection
 Dust explosion protection

⊕ II 2 G Ex d IIC T6 Gb
 ⊕ II 2 D Ex t IIIC T80°C Db IP66

Certificates

DNV 12 ATEX____; FM (USA); GOST.R (Russia); IECEx

Conformity to standards

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

Material

Enclosure
 Glass cover
 Power controller
 Exposed fastener

Copper-free aluminium, powder coated external surface, yellow (RAL1021)
 Toughened glass, stands 4J impact
 Wide voltage input, CC-CV (constant current - constant voltage) output, power factor
 ≥0.98, with protection against circuit and anti-electromagnetic interference, etc.
 Stainless steel

Lamp

Lamp specification
 Lamp power (W)

CREE plural white LED modules
 9W

Rated voltage

187~265V AC 50/60Hz
 24V AC/DC
 12V AC/DC

Earthing protection

M5 (internal & external earth bolts)

Degree of protection

IP66

Ambient temperature

-40°C~+55°C

Terminal

3 x 1.5~4mm² (L+N+PE)

Cable entries

G3/4" (NPT3/4" or M25 x 1.5 with reducer on request).

Cable gland

Supplied with seal gasket and gland nut

Applicable cable outer diameter

Φ10~Φ14 (mm)



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

