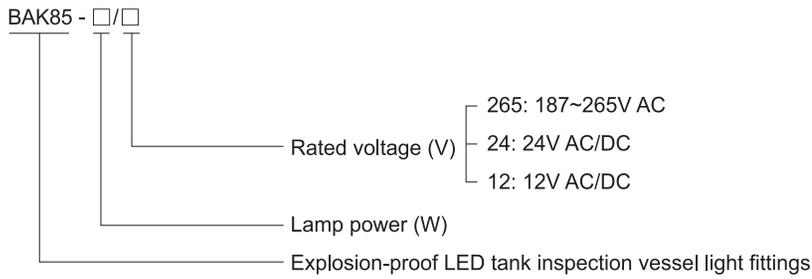


Local, Caution Spotlight Fittings BAK85 Series Explosion-proof LED Tank Inspection Vessel Light Fittings



- ◆ 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 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, 24V DC	
BAK85-9/12		12V AC/DC	

Zones 1&2; 21&22

Local, Caution Spotlight Fittings

BAK85 Series Explosion-proof LED Tank Inspection Vessel Light Fittings



Technical data	
Explosion-proof LED tank inspection vessel light fittings BAK85-□/□	
Explosion protection	
Gas explosion protection	⊕ II 2 G Ex d IIC T6 Gb
Dust explosion protection	⊕ II 2 D Ex tb IIIC T80°C Db IP66
Certificates	ATEX and IECEx (applied for); CU-TR
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, powder coated surface, yellow (RAL1021)
Glass cover	Toughened glass, stands 4J impact
LED driver	Wide voltage input, CC-CV (constant current - constant voltage) output, power factor ≥ 0.95 , with protection against circuit and anti-electromagnetic interference, etc.
Exposed fastener	Stainless steel
Lamp	
Lamp specification	International brand of LED module
Lamp power (W)	9W
Colour Temperature (CCT)	Cool white : 5400~6500K Note: cool white is available in general. Warm white (2700~3500K) or nature white (4700~5400K) is optional, please specify when ordering.
Rated voltage	187~265V AC 50/60Hz 24V AC, 24V DC 12V AC/DC
Earthing protection	M5 (internal & external earth bolts)
Degree of protection	IP66
Ambient temperature	-40°C~+55°C
Terminal	3 x 1.5~2.5mm ² (L+N+PE)
Cable entries	M20 x 1.5
Cable gland	Supplied with seal gasket and gland nut
Applicable cable outer diameter	Φ6~Φ12 (mm)

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

