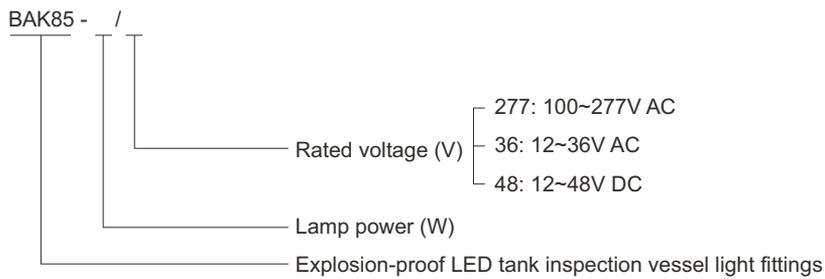


Local, Caution Spotlight Fittings BAK85 Series Explosion-proof LED Tank Inspection Vessel Light Fittings



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.
 Enclosure in Copper-free Aluminium Alloy, powder coated surface, yellow (RAL1021).

Catalogue number logic



Selection table

Type/Ordering code	Lamp power (W)	Rated voltage (V)	Weight (kg)
BAK85-9/277	9	100~277V AC 50/60Hz	2.20
BAK85-9/36		12~36V AC	
BAK85-9/48		12~48V 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

Global (IECEX)
Gas and dust

IECEX TPS 18.0011X

Ex db op is IIC T6 Gb

Ex tb op is IIIC T80 Db

Europe (ATEX)

TPS 18 ATEX 089761 0007X

Gas and dust

⊕ II 2 G Ex db op is IIC T6 Gb

⊕ II 2 D Ex tb op is IIIC T80 Db

Certificates

IECEX; ATEX

Conformity to standards

EN 60079-0, EN 60079-1, EN 60079-28, EN 60079-31

IEC 60079-0, IEC 60079-1, IEC 60079-28, IEC 60079-31

Material

Enclosure
Glass cover
LED driver

Copper-free Aluminium Alloy, powder coated surface, yellow (RAL1021)

Toughened glass, stands 4J impact

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
Lamp power (W)
Colour Temperature (CCT)

International brand of LED module

9W

5700K

Note: cool white is available in general. Warm white or nature white is optional, please specify when ordering.

Rated voltage

100~277V AC 50/60Hz

100~250V DC

12~36V AC 50/60Hz

12~48V DC

Earthing protection

M5 (internal & external earth bolts)

Degree of protection

IP66/IP67

Ambient temperature

-40 ~+55

Terminal

3 x 1.5~2.5mm² (L+N+PE)

Cable entries

M20 x 1.5

Cable gland

Supplied with seal gasket and gland nut

Applicable cable outer diameter

6~ 12 (mm)



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

