

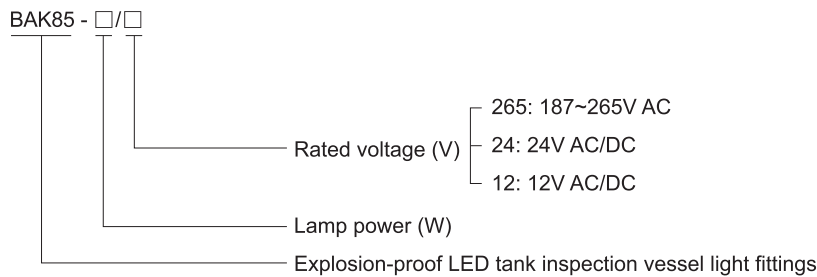
Local, Caution Spotlight Fittings

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

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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 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
- Glass cover
- LED driver

Copper-free aluminium, 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

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 1.5~2.5mm² (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

