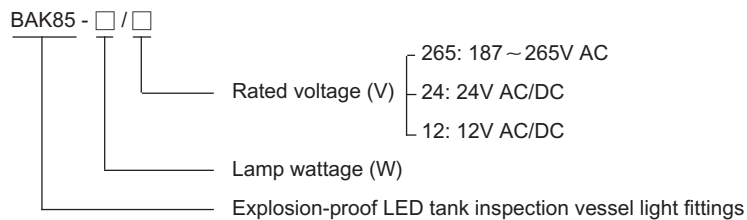




### Local, Caution Spotlight Fittings BAK85 Series Explosion-proof LED Tank Inspection Vessel Light Fittings

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

#### Catalogue number logic



#### Selection table

Type/Ordering code	Lamp wattage (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

# Local, Caution Spotlight Fittings

## BAK85 Series Explosion-proof LED Tank Inspection Vessel Light Fittings

# 2

### Technical data

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

<b>Explosion protection</b>	⊕ II 2 GD Ex d IIC T6 Gb / Ex tD A21 T80°C IP66
<b>Certificates</b>	DNV 11 ATEX_____ ; FM (USA); GOST.R (Russia); IECEX
<b>Conformity to standards</b>	EN 60079-0:2009, EN 60079-1:2007, EN 61241-0:2006, EN 61241-1:2004 IEC 60079-0:2007, IEC 60079-1:2007, IEC 61241-0:2004, IEC 61241-1:2004
<b>Material</b>	
Enclosure	Copper-free aluminium, powder coated external surface, rape yellow (RAL1021)
Glass cover	Toughened glass, stands 4J impact
Power controller	Wide voltage input, CC-CV (constant current - constant voltage) output, power factor ≥ 0.98, with protection against circuit and anti-electromagnetic interference, etc.
Exposed fastener	Stainless steel
<b>Lamp</b>	
Lamp specification	CREE pural white LED modules
Lamp wattage (W)	9W
<b>Rated voltage</b>	187 ~ 265V AC 50/60Hz 24V AC/DC 12V AC/DC
<b>Earthing protection</b>	M5 (internal & external earth bolt)
<b>Degree of protection</b>	IP66
<b>Ambient temperature</b>	-40°C ~ +55°C
<b>Terminal</b>	3 x 1.5 ~ 4mm <sup>2</sup> (L+N+PE)
<b>Cable entries</b>	G3/4" (NPT3/4" or M25 x 1.5 with reducer on request).
<b>Cable gland</b>	Supplied with seal gasket and gland nut
<b>Applicable cable outer diameter</b>	Ø10~Ø14 (mm)



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

