



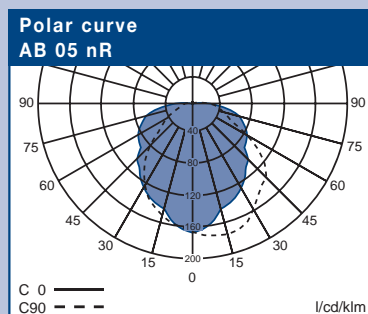
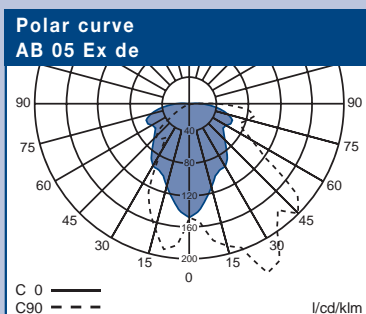
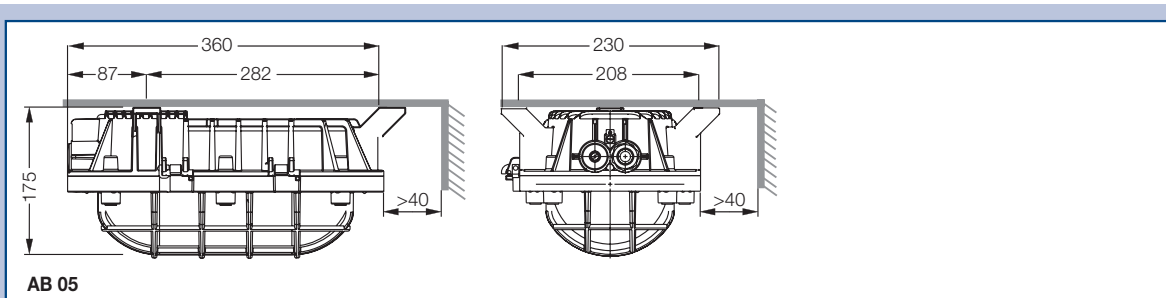
Technical data

Ex-Bulkhead light fitting AB 05			
Marking to 94/9/EC	AB 05 Ex-e	⊕ II 2 G Ex de IIC T3/T2	⊕ II 2 D Ex tD IP66 T125 °C
	AB 05 Ex-d	⊕ II 2 G Ex d IIB (+H2) T4/T3 ¹⁾	
	AB 05 nR	⊕ II 3 G nR II T4/T3	⊕ II 3 D Ex tD A22 IP66 T100/125/140 °C
EC-Type Examination Certificate	AB 05 Ex-e	BVS 07 ATEX E 152 X	
	AB 05 Ex-d	PTB 08 ATEX 1001 X	
Type Examination Certificate	AB 05 nR	BVS 07 ATEX E 151	
Permissible ambient temperature	-20 °C to +40 °C		
	-55 °C to +55 °C (option, depends on version)		
Rated voltage	max. 250 V ²⁾ (AB 05 Ex e/nR) 230 V (AB 05 Ex d)		
Frequency	50 - 60 Hz		
Connecting terminals	L1, N, 1 x 1.5 - 4 mm ² , PE: 2 x 1.5 - 4 mm ²		
Insulation class	I		
Lamp/Illuminant	1)		
Degree of protection accd. EN 60529	IP66		
Cable glands/Gland plates/Enclosure drilling	1 x M20/M25 x 1.5 / 2 x M20/25 x 1.5 one plugged, or 1 x 3/4" ISO 7/1 / 2 x 3/4" ISO 7/1 one plugged		
Dimensions (L x W x H)	360 x 230 x 175 mm		
Weight	1)		
Type of mounting	ceiling/wall mounting		
Enclosure material	light alloy		
Enclosure colour	grey		
Protective cover/protective bowl	borosilicate glass		
Enclosure earth	2 x 6 mm ²		

¹⁾ see ordering details

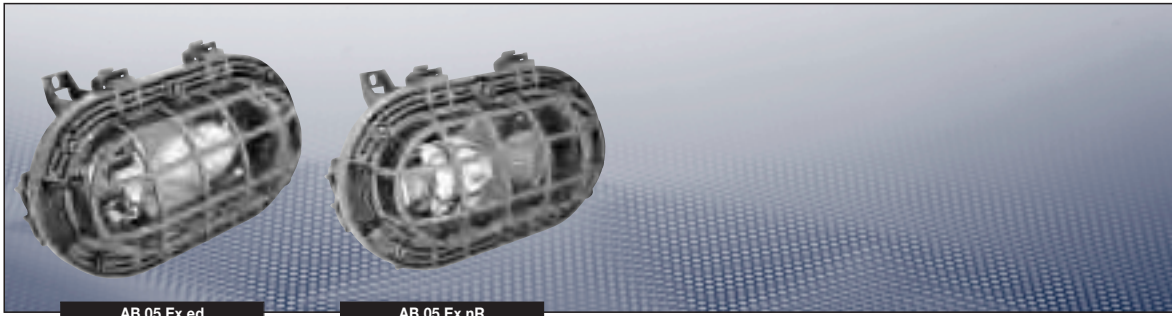
²⁾ other voltages on request

Dimension drawing | Polar curves



Dimensions in mm

Ex-ceiling light fittings



Ordering details

Type	Type of lamp	Rated luminous flux ²⁾	Temperature class	Cable glands/threads	Weight/kg	Qty.	Order No.
Group II 2 G IIC (-20 °C to +55 °C)							
AB 05 Ex ed	incandescent max. 60 W	710 lm	T3/T2 ¹⁾	1 x M20	5.9	1	AB 05 531 011001
AB 05 Ex ed	incandescent max. 60 W	710 lm	T3/T2 ¹⁾	2 x M20, one plugged with Ex e plug	5.9	1	AB 05 531 111001
AB 05 Ex ed	incandescent max. 60 W	710 lm	T3/T2 ¹⁾	1 x M25	5.9	1	AB 05 531 021001
AB 05 Ex ed	incandescent max. 60 W	710 lm	T3/T2 ¹⁾	2 x M25, one plugged with Ex e plug	5.9	1	AB 05 531 221001
Group II 3G Ex nR II (- 50°C to + 55°C)							
AB 05 nR	70 W HSE	5600 lm	T4	1 x M20	5.4	1	AB 05 611 011001
AB 05 nR	70 W HSE	5600 lm	T4	2 x M20, one plugged with Ex e plug	5.4	1	AB 05 611 111001
AB 05 nR	70 W HSE	5600 lm	T4	1 x M25	5.4	1	AB 05 611 021001
AB 05 nR	70 W HSE	5600 lm	T4	2 x M25, one plugged with Ex e plug	5.4	1	AB 05 611 221001
Group II 2 G IIB +H2 (- 20°C to + 55°C)							
AB 05 Ex d	70 W HSE	5600 lm	T4	1 x Ex d NPT 1/2" thread	6.9	1	AB 05 111 031001
AB 05 Ex d	70 W HSE	5600 lm	T4	2 x Ex d NPT 1/2" thread,	6.9	1	AB 05 111 331001
AB 05 Ex d	70 W HSE	5600 lm	T4	1 x Ex d NPT 3/4" thread	6.9	1	AB 05 111 041001
AB 05 Ex d	70 W HSE	5600 lm	T4	2 x Ex d NPT 3/4" thread	6.9	1	AB 05 111 441001
Group II 2 G IIB (- 20°C to + 55°C)							
AB 05 Ex d	70 W HSE	5600 lm	T4	1 x Ex d NPT 1/2" thread	6.9	1	AB 05 211 031001
AB 05 Ex d	70 W HSE	5600 lm	T4	2 x Ex d NPT 1/2" thread,	6.9	1	AB 05 211 331001
AB 05 Ex d	70 W HSE	5600 lm	T4	1 x Ex d NPT 3/4" thread	6.9	1	AB 05 211 041001
AB 05 Ex d	70 W HSE	5600 lm	T4	2 x Ex d NPT 3/4" thread	6.9	1	AB 05 211 441001

¹⁾ T3 only with lamp accd. to EN 60064 and DIN 49810 marked "T"

²⁾ depends on used lamps

Lamps and fixing accessories are not included.