



Technical data

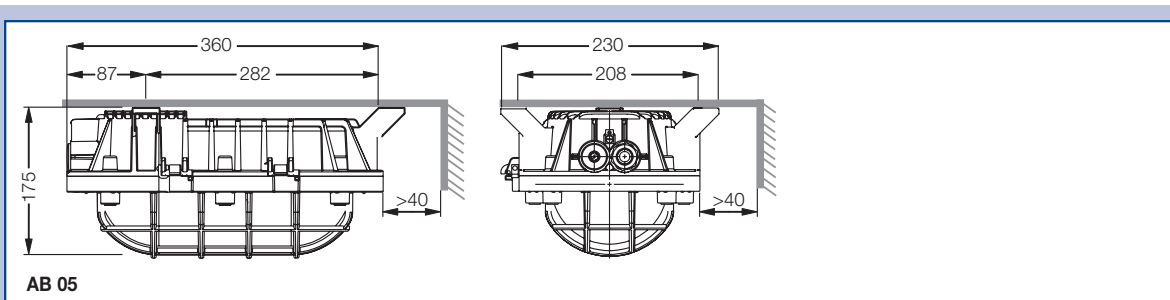
Ex-Bulkhead light fitting AB 05

Marking to 94/9/EC	AB 05 Ex-e	⊕ II 2 G Ex de IIC T3/T2	⊕ II 2 D Ex tD A21 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	

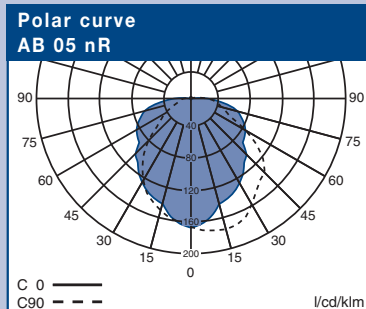
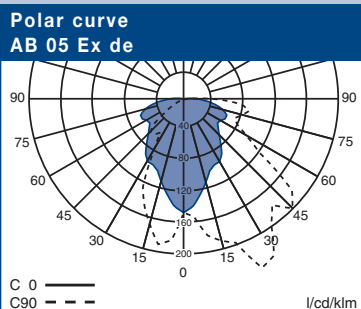
¹⁾ see ordering details

²⁾ other voltages on request

Dimension drawing | Polar curves



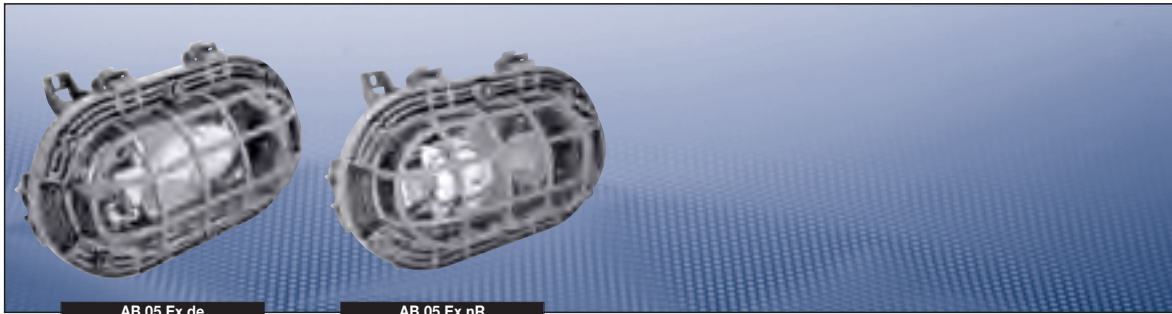
AB 05



Dimensions in mm

1
2
3
4
5
6
7
8
9
10
11
12

Ex-ceiling light fittings



Ordering details

Type	Type of lamp	Rated luminous flux ²⁾	Temperature class	Cable glands/threads	Weight/kg	Qty.	Order No.
II 2 G IIC (-20 °C up to +55 °C)							
AB 05 Ex de	incandescent max. 60 W	710 lm	T3/T2 ¹⁾	1 x M20	5.9	1	AB 05 531 011 0001
AB 05 Ex de	incandescent max. 60 W	710 lm	T3/T2 ¹⁾	2 x M20, 1 x Ex-e M20	5.9	1	AB 05 531 111 0001
AB 05 Ex de	incandescent max. 60 W	710 lm	T3/T2 ¹⁾	1 x M25	5.9	1	AB 05 531 021 0001
AB 05 Ex de	incandescent max. 60 W	710 lm	T3/T2 ¹⁾	2 x M25, 1 x Ex-e M25	5.9	1	AB 05 531 221 0001

II 3G Ex nR II (- 50 °C up to + 55 °C)							
AB 05 nR	70 W HSE	5600 lm	T4	1 x M20	5.4	1	AB 05 611 011 0001
AB 05 nR	70 W HSE	5600 lm	T4	2 x M20, 1 x Ex-e M20	5.4	1	AB 05 611 111 0001
AB 05 nR	70 W HSE	5600 lm	T4	1 x M25	5.4	1	AB 05 611 021 0001
AB 05 nR	70 W HSE	5600 lm	T4	2 x M25, 1 x Ex-e M25	5.4	1	AB 05 611 221 0001
AB 05 nR	70 W HSE ³⁾	5600 lm	T4	1 x M25	5.4	1	AB 05 611 021 0002
AB 05 nR	70 W HSE ³⁾	5600 lm	T4	2 x M25, 1 x Ex-e M25	5.4	1	AB 05 611 221 0002
AB 05 nR	80 W HME	3800 lm	T4	1 x M25	5.4	1	AB 05 621 021 0001
AB 05 nR	80 W HME	3800 lm	T4	1 x M25, 1 x Ex-e plug	5.4	1	AB 05 621 221 0001
AB 05 nR	200 W HME	3100 lm	T3	1 x M25	5.4	1	AB 05 631 021 0001
AB 05 nR	200 W HME	3100 lm	T3	1 x M25	5.4	1	AB 05 631 221 0001

II 2 G IIB +H2 (- 20 °C up to + 55 °C)							
AB 05 Ex d	70 W HSE	5600 lm	T4	1 x M20 thread	6.9	1	AB 05 111 011 0001
AB 05 Ex d	70 W HSE ³⁾	5600 lm	T4	1 x M20 thread	6.9	1	AB 05 111 011 0002
AB 05 Ex d	70 W HSE	5600 lm	T4	1 x Ex d NPT 1/2" thread	6.9	1	AB 05 111 031 0001
AB 05 Ex d	70 W HSE	5600 lm	T4	2 x Ex d NPT 1/2" thread	6.9	1	AB 05 111 331 0001
AB 05 Ex d	70 W HSE	5600 lm	T4	1 x Ex d NPT 3/4" thread	6.9	1	AB 05 111 041 0001
AB 05 Ex d	70 W HSE	5600 lm	T4	2 x Ex d NPT 3/4" thread	6.9	1	AB 05 111 441 0001
AB 05 Ex d	70 W HSE ³⁾	5600 lm	T4	1 x Ex d NPT 3/4" thread	6.9	1	AB 05 211 041 0002
AB 05 Ex d	70 W HSE	5600 lm	T4	1 x M20 thread	6.9	1	AB 05 211 111 0001
AB 05 Ex d	70 W HSE ³⁾	5600 lm	T4	1 x M20 thread 1 x M20 plug	6.9	1	AB 05 211 111 0002

II 2 G IIB (- 20 °C up to + 55 °C)							
AB 05 Ex d	70 W HSE	5600 lm	T4	1 x M20 thread	6.9	1	AB 05 211 011 0001
AB 05 Ex d	70 W HSE ³⁾	5600 lm	T4	1 x M20 thread	6.9	1	AB 05 211 011 0002
AB 05 Ex d	70 W HSE	5600 lm	T4	1 x Ex d NPT 1/2" thread	6.9	1	AB 05 211 031 0001
AB 05 Ex d	70 W HSE	5600 lm	T4	2 x Ex d NPT 1/2" thread	6.9	1	AB 05 211 331 0001
AB 05 Ex d	70 W HSE	5600 lm	T4	1 x Ex d NPT 3/4" thread	6.9	1	AB 05 211 041 0001
AB 05 Ex d	70 W HSE ³⁾	5600 lm	T4	1 x Ex d NPT 3/4" thread	6.9	1	AB 05 211 041 0002
AB 05 Ex d	70 W HSE	5600 lm	T4	1 x M20 thread	6.9	1	AB 05 211 111 0001
AB 05 Ex d	70 W HSE ³⁾	5600 lm	T4	1 x M20 thread 1 x M20 plug	6.9	1	AB 05 211 111 0002
AB 05 Ex d	70 W HSE	5600 lm	T4	2 x Ex d NPT 3/4" thread	6.9	1	AB 05 211 441 0001

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

²⁾ depends on used lamps

³⁾ for HSE lamps with integrated ignitor

Lamps and fixing accessories are not included.

Metal cable glands see page 8.10...