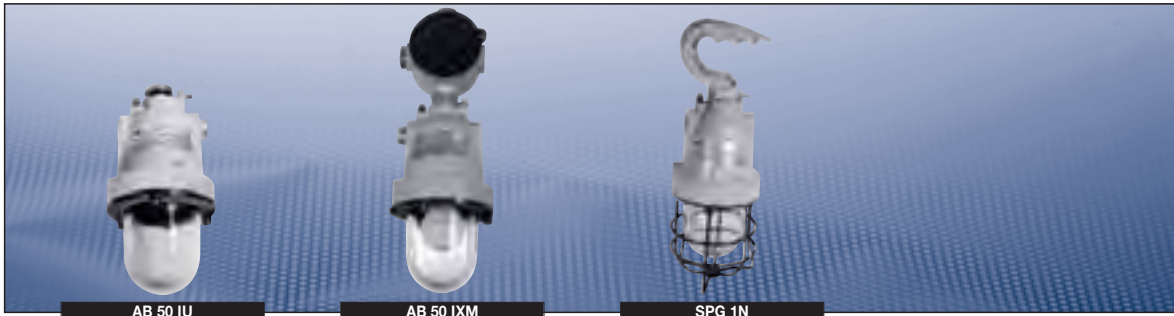


## Ex-Pendant light fittings



### Ordering details

Type	Entry thread	Cable gland for cable Ø	Blanking plug	Weight	Order No.
(T <sub>ambient</sub> -20 °C to +55 °C)					
AB 50 IU (direct entry)	2 x 3/4"	9 - 14 mm Ex-d	1 x 3/4" Ex-d	1.6 kg	<b>NOR 000 115 110 292</b>
AB 50 IU (direct entry)	2 x 3/4"	-	1 x 3/4" Ex-d	1.5 kg	<b>NOR 000 115 110 289</b>
AB 50 IXM (indirect entry)	2 x M25 x 1.5	9 - 14 mm Ex-e	1 x M25 x 1.5 Ex-e	2.3 kg	<b>NOR 000 115 110 321</b>
AB 50 IXM (indirect entry)	2 x M25 x 1.5	-	1 x M25 x 1.5 Ex-e	2.2 kg	<b>NOR 000 115 110 320</b>
SPG 1N (portable light fixture)	1 x 3/4"	9 - 14 mm Ex-d	-	2.2 kg	<b>NOR 000 005 110 745</b>

(T <sub>ambient</sub> -50 °C to +55 °C)					
AB 50 IU (direct entry)	2 x 3/4"	-	1 x 3/4" Ex-d	1.6 kg	<b>NOR 000 115 110 389</b>
AB 50 IXM (indirect entry)	2 x M25 x 1.5	-	1 x M25 x 1.5 Ex-e	2.2 kg	<b>NOR 000 115 110 420</b>

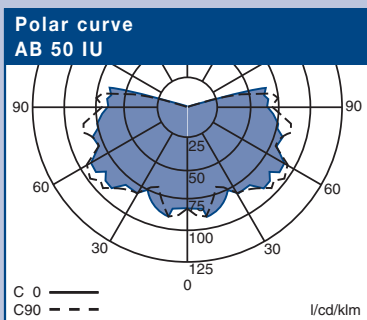
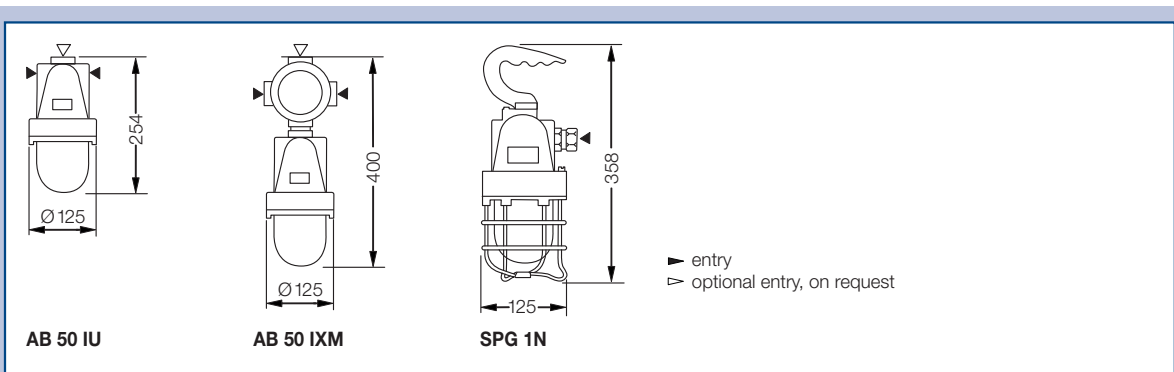
Lamps and fixing accessories are not included

### Accessories

AB 50/SPG 1N				
Type	Content	Application	Order No.	
REP AB 50	Spare glass	AB 50	<b>NOR 000 115 110 874</b>	
WG	Wire guard, galvanized	AB 50	<b>NOR 000 115 110 875</b>	
ER	External reflector, coated	AB 50	<b>NOR 000 115 110 718</b>	
CEV / AB	Eye bolt galvanized	AB 50	<b>NOR 000 005 110 852</b>	
AS. EV	Ceiling bracket, galvanized	AB 50	<b>NOR 000 005 110 828</b>	

Metal cable glands see page 8.10...

### Dimensions drawing | Polar curve



Dimensions in mm



### Technical data

AB 51 IU   AB 51 IX   AB 51 M/S...	
Marking to 94/9/EC (new standard – applied for)	⊕ II 2 G Ex de IIC T <sup>1)</sup> (indirect entry IX) / Ex d IIC T <sup>1)</sup> (direct entry) <sup>1)</sup> ⊕ II 2 D Ex tD A21 IP67 T <sup>1)</sup> °C
EC-Type Examination Certificate	LOM 02 ATEX 2020 X
IECEX Certificate of Conformity	IECEX BKI 07.0028X
Marking acc. to IECEx	Ex d/de IIC T <sup>1)</sup> Ex tD A21 IP67 T <sup>1)</sup>
Permissible ambient temperature	-20 °C to +55 °C -45 °C to +55 °C (AB 51 M/S) -50 °C to +55 °C (option)
Rated voltage	max. 250 V (AB 51..) / 230 V AC AB 51 M/S <sup>3)</sup>
Power factor cos φ	≥ 0.85 (AB 51 M/S)
Connecting terminals	1 x 2.5 mm <sup>2</sup> / 2 x 1.5 mm <sup>2</sup> (IU), 2 x 2.5 mm <sup>2</sup> (IX and M/S), PE ext. 2 x 6 mm <sup>2</sup>
Insulation class	I
Lamp/Illuminant	<sup>1)</sup>
Lamp cap	E 27
Rated luminous flux <sup>2)</sup>	<sup>2)</sup>
Light efficiency in operation	75 %
Degree of protection accd. EN 60529	IP67
Cable glands/Gland plates/Enclosure drilling	2 x 3/4" ISO 7/1-thread (Ex-d), one plugged (IU and M/S) / 2 x M25 x 1.5 one plugged (IX)
Dimensions (L x W x H)	260 mm x Ø 205 mm (IU), 400 x Ø 205 mm (IX), 425 x Ø 205 (M/S)
Weight	see ordering information
Type of mounting	ceiling mounting
Enclosure material	light alloy
Enclosure colour	grey
Protective cover/protective bowl	borosilicate glass

### Additional lamp data

Lamp	Luminous flux <sup>2)</sup>	Power	Temperature class II 2 G		Max. surface temp. II 2 D	
			T <sub>ambient ≤ 40 °C</sub>	T <sub>ambient &gt; 40 °C</sub>	T <sub>ambient ≤ 40 °C</sub>	T <sub>ambient &gt; 40 °C</sub>
Incandescent IGA 65	2200 lm	150 W	T3	T3	T 132 °C	T 147 °C
Incandescent IGA 80	3100 lm	200 W	T3	T3	T 137 °C	T 152 °C
Halogene lamp IQT	1100 lm	75 W	T5	T4	T 88 °C	T 103 °C
Halogene lamp IQT	2500 lm	150 W <sup>4)</sup>	T4	T3	T 123 °C	T 138 °C
Compact Fluorescent Lamp TC-TSE	900/1200 lm	15 - 20 W <sup>5)</sup>	T6	T6	T 60 °C	T 75 °C
High pressure mercury vapor mixed light HME-SB	1100 lm	100 W	T4	T4	T 110 °C	T 125 °C
High pressure mercury vapor mixed light HME-SB	3100 lm	160 W	T3	T3	T 127 °C	T 142 °C
High pressure mercury vapor HME	3800 lm	80 W	T4	T4	T 112 °C	T 127 °C
High pressure mercury vapor HME	6300 lm	125 W	T3	T3	T 127 °C	T 142 °C
High pressure sodium lamp HSE	3400 lm	50 W	T5	T4	T 86 °C	T 101 °C
High pressure sodium lamp HSE	5600 lm	70 W	T4	T4	T 97 °C	T 112 °C

<sup>1)</sup> see table

<sup>2)</sup> depends on lamp

<sup>3)</sup> others on request

<sup>4)</sup> T<sub>amp</sub> max. +40 °C

<sup>5)</sup> T<sub>amp</sub> max. +30 °C