



EVI 200 UD

EVI 500 UD

EX - PENDANT LIGHT FITTINGS

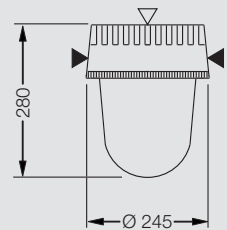
EVI for incandescent and high pressure discharge lamps

Technical data

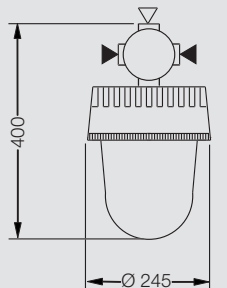
Type EVI

Marking to 94/9/EC	Ex II 2 G Ex II 2 D ¹⁾
Type of protection	EEx d IIC (direct entry) EEx de IIC (indirect entry) Temperature class see table "design"
EC-Type Examination Certificate	LOM 02 ATEX 2012
Enclosure material	copper-free aluminium, polyester resin finish, grey Screw connection ring made of cast iron, green PTFE coating
Light transmitting cover	Borosilicate glass
Rated voltage	≤ 250 V AC
Rated current	see table „design“
Protection category to EN 60529	IP 67
Insulation class	I
Permissible ambient temperature	-20 °C to +55 °C
Cable entry holes	direct entry EEx d: 2 x 3/4" ISO 7/1 indirect entry EEx e: 2 x M25 x 1.5
Connecting terminals	direct entry: L1, N and PE: 1 x 2.5 mm ² (or 2 x 1.5 mm ²) indirect entry: L1, N and PE: 2 x 2.5 mm ² external PE: 2 x 6 mm ²
Lamp holder	E27/E40 up to IEC 60238
Lamps	A: incandescent lamp HME-SB: mixed light lamp HME: Mercury vapour high pressure lamp HSE: Sodium vapour high pressure lamp HIE: Halogen metal vapour lamp
Weight	approx. 12.8 kg (EVI 500 UD) approx. 13.6 kg (EVI 500 XM)
Options (on request)	Other voltages and frequencies, PTFE coating through wiring with indirect entry L1, L2, L3, N and PE: 2 x 4 mm ² , external PE: 2 x 6 mm ² Entry from top for conduit installation

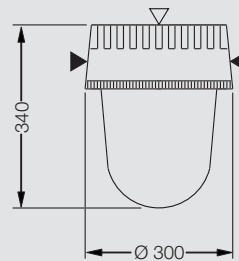
¹⁾ Max. surface temperature on page 4.13



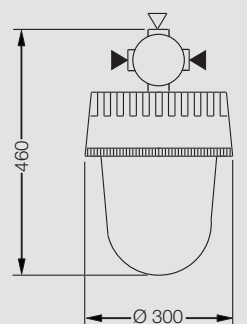
EVI 200 UD



EVI 200 XM



EVI 500 UD

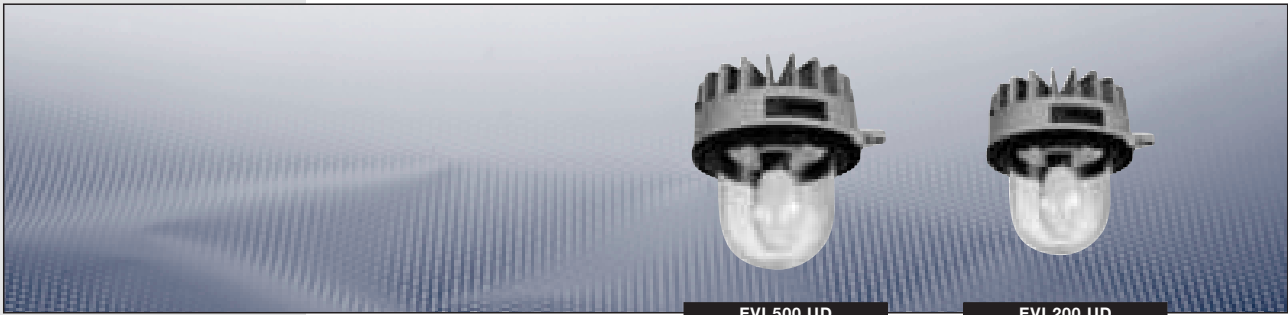


EVI 500 XM

▶ entry
▽ optional entry, on request

Dimensions in mm

1
2
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4
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9



EVI 500 UD

EVI 200 UD

EX - PENDANT LIGHT FITTINGS

EVI for incandescent and high pressure discharge lamps

4.11

Rated luminous flux of lamps:

- approx. 2.220 lm (150 W/A)
- approx. 3.100 lm (200 W/A)
- approx. 5.000 lm (300 W/A)
- approx. 8.400 lm (500 W/A)
- approx. 3.100 lm (160 W/HME-SB)
- approx. 5.600 lm (250 W/HME-SB)
- approx. 3.800 lm (80 W/HME)
- approx. 6.300 lm (125 W/HME)
- approx. 13.000 lm (250 W/HME)
- approx. 5.600 lm (70 W/HSE)
- approx. 14.000 lm (150 W/HSE)
- approx. 25.000 lm (250 W/HSE)
- approx. 17.000 lm (250 W/HIE)

Design													
Type	Temperature class, lamp output (W)												
	A				HME-SB		HME ¹⁾			HSE ¹⁾			HIE ¹⁾
	150	200	300	500	160	250	80	125	250	70	150	250	250
EVI 200	T4	T4	-	-	T3	-	T4	T4	-	T4	-	-	-
EVI 500	-	-	T4	T3	-	T3	-	-	T3	-	T4	T4	T3
Rated current/A	0.65	0.85	1.3	2.2	0.7	1.1	0.8	1.2	2.1	1.0	1.8	3.0	3.0

EVI 200 UD and EVI 500 UD: for direct cable entry

EVI 200 XM and EVI 500 XM: with separate Ex-e terminal compartment for indirect cable entries

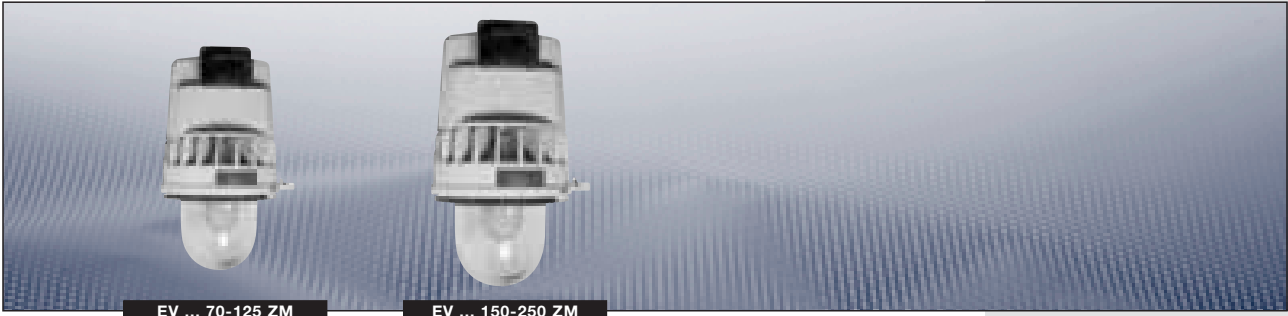
¹⁾ Ballast in separate enclosure necessary, not part of delivery!

Ordering details (light fittings without ballast)				
Type	Entry holes	Cable entry for cable Ø	Blanking plug	Order No.
Directe entry				
EVI 200 UD	2 x 3/4"	10 - 14 mm, Ex-d	1 x 3/4", Ex-d	NOR 000 005 110 754
EVI 200 UD	2 x 3/4"	-	1 x 3/4", Ex-d	NOR 000 005 110 753
EVI 500 UD	2 x 3/4"	10 - 14 mm, Ex-d	1 x 3/4", Ex-d	NOR 000 005 110 762
EVI 500 UD	2 x 3/4"	-	1 x 3/4", Ex-d	NOR 000 005 110 761
Indirecte entry				
EVI 200 XM	2 x M25 x 1.5	10 - 14 mm, Ex-e	1 x M25 x 1.5, Ex-e	NOR 000 005 110 941
EVI 200 XM	2 x M25 x 1.5	-	1 x M25 x 1.5, Ex-e	NOR 000 115 110 941
EVI 500 XM	2 x M25 x 1.5	10 - 14 mm, Ex-e	1 x M25 x 1.5, Ex-e	NOR 000 005 110 942
EVI 500 XM	2 x M25 x 1.5	-	1 x M25 x 1.5, Ex-e	NOR 000 115 110 942

Scope of delivery without illuminant and fixing accessories.

See fixing materials for Ex-pendant light fittings and floodlights on page 4.34.





EV ... 70-125 ZM

EV ... 150-250 ZM

EX - PENDANT LIGHT FITTINGS

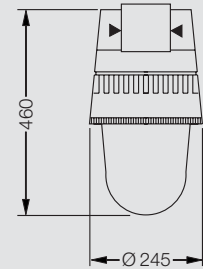
| EVM | EVS | EVH | for high pressure discharge lamps |

Technical data

Type EVM/EVS/EVH

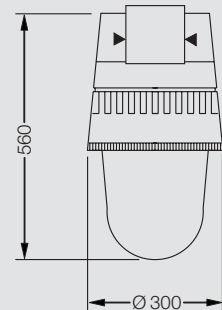
Marking to 94/9/EC	Ex II 2 G Ex II 2 D ¹⁾
Type of protection	EEx de IIC (temperature class see ordering details)
EC-Type Examination Certificate	LOM 02 ATEX 2012
Enclosure material	copper-free aluminium, polyester resinfinish, grey Screw connection ring made of cast iron, green PTFE coating
Light transmitting cover	Borosilicate glass
Rated voltage	with built-in ballast 230 V + 5 % - 10 %, 50 Hz, cos φ approx. 0.95, comp.
Protection category to EN 60529	IP 67
Insulation class	I
Permissible ambient temperature	-20 °C to +55 °C
Cable entry holes	Indirect entries: 2 x M25 x 1.5
Connecting terminals	L1, N and PE: 2 x 2.5 mm ² external PE: 2 x 6 mm ²
Lamps	HME: Mercury vapour high pressure lamp HSE: Sodium vapour high pressure lamp HIE: Halogen metal vapour lamp
Lamp holder	E27/E40 nach IEC 60238
Weight	approx. 14 kg (EV... 70-125 W) approx. 22.4 kg (EV... 150-250 W)
Options (on request)	Other voltages and frequencies, PTFE coating through wiring with indirect entry L1, L2, L3, N and PE: 2 x 4 mm ² , external PE: 2 x 6 mm ² Entry from top for conduit installation

¹⁾ Max. surface temperature on page 4.13



► entries

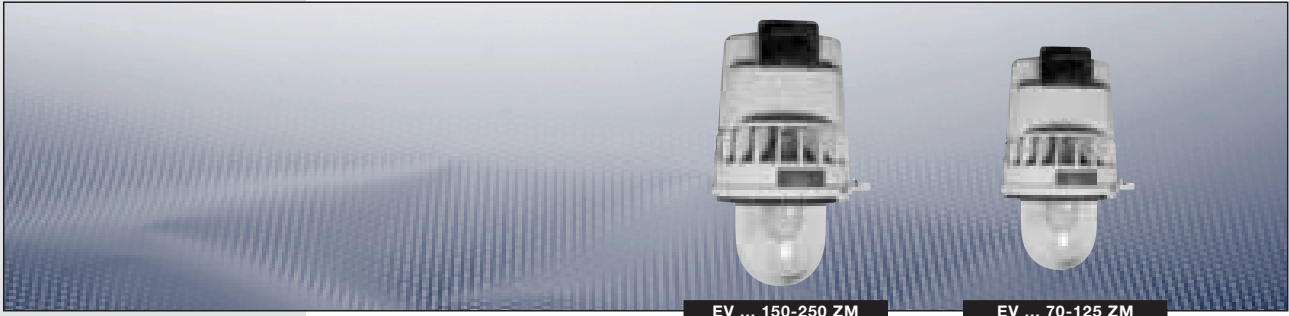
EV... 70 - 125 ZM



► entries

EV... 150 - 250 ZM





Rated luminous flux of lamps:
 approx. 6.300 lm (125 W/HME)
 approx. 13.000 lm (250 W/HME)
 approx. 5.600 lm (70 W/HSE)
 approx. 14.000 lm (150 W/HSE)
 approx. 25.000 lm (250 W/HSE)
 approx. 17.000 lm (250 W/HIE)

EX - PENDANT LIGHT FITTINGS
 | EVM | EVS | EVH | for high pressure discharge lamps |

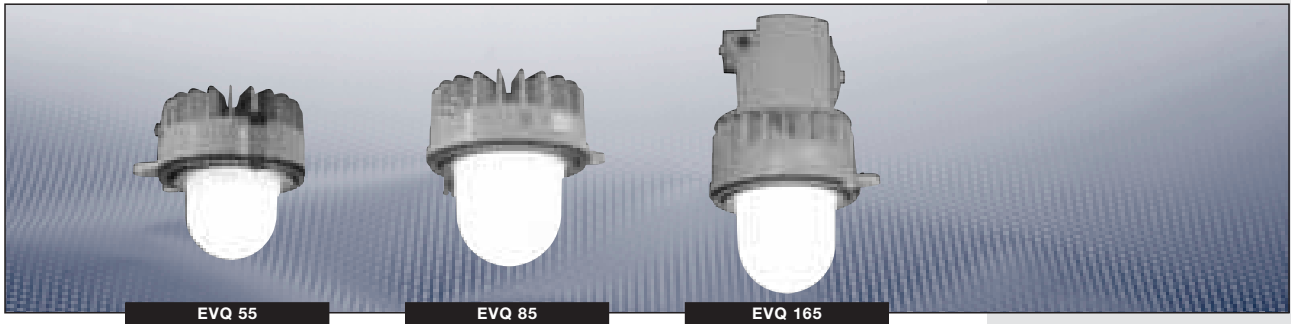
4.13

Ordering details					
Type	Lamp	Temp.- class	Cable entry for cable Ø	Blanking plug	Order No.
EVM 125 ZM	HME 125 W	T4	10 - 14 mm	1 x M25 x 1.5	NOR 000 115 110 079
	HME 125 W	T4	-	1 x M25 x 1.5	NOR 000 115 110 879
EVS 70 ZM	HSE 70 W	T4	10 - 14 mm	1 x M25 x 1.5	NOR 000 115 110 086
	HSE 70 W	T4	-	1 x M25 x 1.5	NOR 000 115 110 880
EVM 250 ZM	HME 250 W	T3	10 - 14 mm	1 x M25 x 1.5	NOR 000 115 110 080
	HME 250 W	T3	-	1 x M25 x 1.5	NOR 000 115 110 881
EVS 150 ZM	HSE 150 W	T4	10 - 14 mm	1 x M25 x 1.5	NOR 000 115 110 087
	HSE 150 W	T4	-	1 x M25 x 1.5	NOR 000 115 110 883
EVS 250 ZM	HSE 250 W	T4	10 - 14 mm	1 x M25 x 1.5	NOR 000 115 110 088
	HSE 250 W	T4	-	1 x M25 x 1.5	NOR 000 115 110 882
EVH 250 ZM	HIE 250 W	T3	10 - 14 mm	1 x M25 x 1.5	NOR 000 115 110 046
	HIE 250 W	T3	-	1 x M25 x 1.5	NOR 000 115 110 945

Maximum of surface temperatures for use in dust Ex-areas				
Type	Lamp	Power	ta max. 40 °C	ta max. 55 °C
EVI 200	A	150 W	T 105 °C	T 120 °C
	A	200 W	T 120 °C	T 135 °C
EVM 125 ZM	HME-SB	160 W	T 125 °C	T 140 °C
	HME	80 W	T 105 °C	T 125 °C
EVS 70 ZM	HME	125 W	T 115 °C	T 130 °C
	HSE	70 W	T 95 °C	T 110 °C
EVI 500	A	300 W	T 115 °C	T 130 °C
	A	500 W	T 155 °C	T 170 °C
EVM 250 ZM	HME-SB	250 W	T 125 °C	T 140 °C
EVS 150 ZM	HME	250 W	T 125 °C	T 140 °C
EVS 250 ZM	HSE	150 W	T 90 °C	T 115 °C
EVH 250 ZM	HSE	250 W	T 110 °C	T 125 °C
	HIE	250 W	T 100 °C	T 115 °C

Scope of delivery without illuminant and fixing accessories.
 See fixing materials for Ex-pendant light fittings and floodlights on page 4.34.

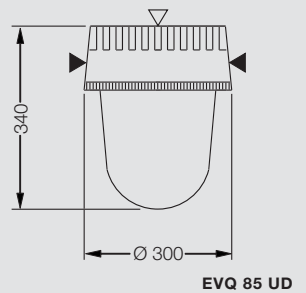
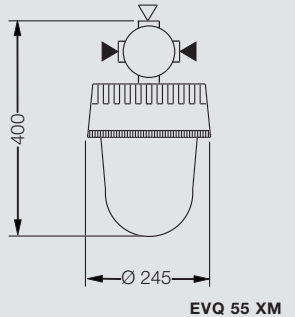
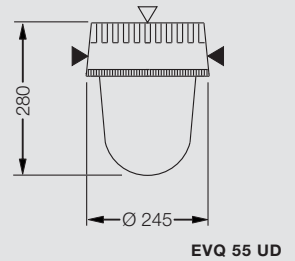




4.14 **EX - PENDANT LIGHT FITTINGS**
| EVQ | for Induction lamps |

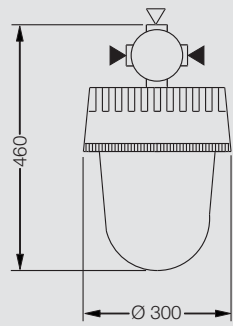
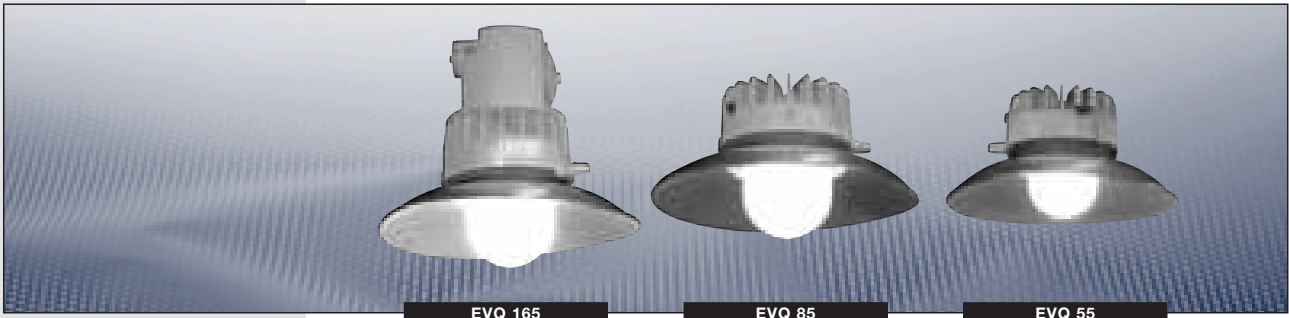
Technical data	
Type EVQ	
Marking to 94/9/EC	Ex II 2 G Ex II 2 D T85°
Type of protection	EEx d IIC T6 (direct entry) EEx de IIC T6 (indirect entry)
EC-Type Examination Certificate	LOM 02 ATEX 2012 X
Enclosure material	copper-free aluminium, polyester resinfinish, grey Screw connection ring made of cast iron, green PTFE coating
Light transmitting cover	Borosilicate glass, opak
Rated voltage	230 V ± 10 %, 50/60 Hz AC/DC
Rated current	0.26 A (55 W), 0.40 A (85 W)
Power factor cos φ	0.96, comp.
Protection category to EN 60529	IP 67
Insulation class	I
Permissible ambient temperature	-20 °C to +40 °C
Cable entry holes	direct entry EEx d: 2 x 3/4" ISO 7/1 indirect entry EEx e: 2 x M25 x 1.5
Connecting terminals	direct entry: L1, N and PE: 2 x 2.5 mm ² indirect entry: L1, N and PE: 2 x 2.5 mm ² external PE: 2 x 6 mm ²
Ballast	HF-generator in combination with QL-lamp
Lamps	Compact discharge lamp with in inductive light generation, 55 W, 85 W*
Weight	approx. 12.8 kg (EVQ 85 UD) approx. 13.6 kg (EVQ 85 XM) approx. 22.4 kg (EVQ 165 ZM)
Options (on request)	PTFE coating, through wiring with L1, L2, L3, N and PE: 2 x 4 mm ² , external PE: 2 x 6 mm ²

*Included in scope of delivery

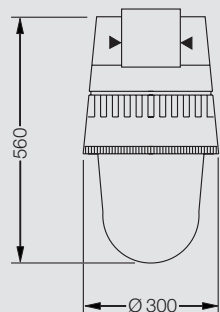


▶ entry
 ▼ optional entry, on request

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9



EVQ 85 XM



EVQ 165 ZM

- ▶ entries
- ▷ optional cable entries, on request

Rated luminous flux of lamps:

- approx. 3.500 lm (55 W/QL)
- approx. 6.000 lm (85 W/QL)
- approx. 12.000 lm (165 W/QL)

EX - PENDANT LIGHT FITTINGS

| EVQ | for Induction lamps |

4.15

Ordering details				
Type ¹⁾	Lamp	Cable entry for cable Ø	Blanking plug	Order No.
EVQ 55 UD	55 W	10-14 mm Ex-d	1 x 3/4", Ex-d	NOR 000 115 110 851
		–	1 x 3/4", Ex-d	NOR 000 115 110 850
EVQ 85 UD	85 W	10-14 mm Ex-d	1 x 3/4", Ex-d	NOR 000 115 110 853
		–	1 x 3/4", Ex-d	NOR 000 115 110 852
EVQ 55 XM	55 W	10-14 mm Ex-e	1 x M25 x 1.5, Ex-e	NOR 000 115 110 855
		–	1 x M25 x 1.5, Ex-e	NOR 000 115 110 854
EVQ 85 XM	85 W	10-14 mm Ex-e	1 x M25 x 1.5, Ex-e	NOR 000 115 110 857
		–	1 x M25 x 1.5, Ex-e	NOR 000 115 110 856

¹⁾ EVQ ... UD for direct cable entry
 EVQ ... XM/ZM with separate Ex-e terminal compartment, for indirect cable entries

Lamp and HF-generator are part of delivery, without fixing material and external reflector. See fixing materials for Ex-pendant light fittings and floodlights on page 4.34.

