

CONVENTIONAL LIGHTING FIXTURES - WELLGLASS

EV.. Series - H.I.D./Fluorescent compact - Copper-free aluminium

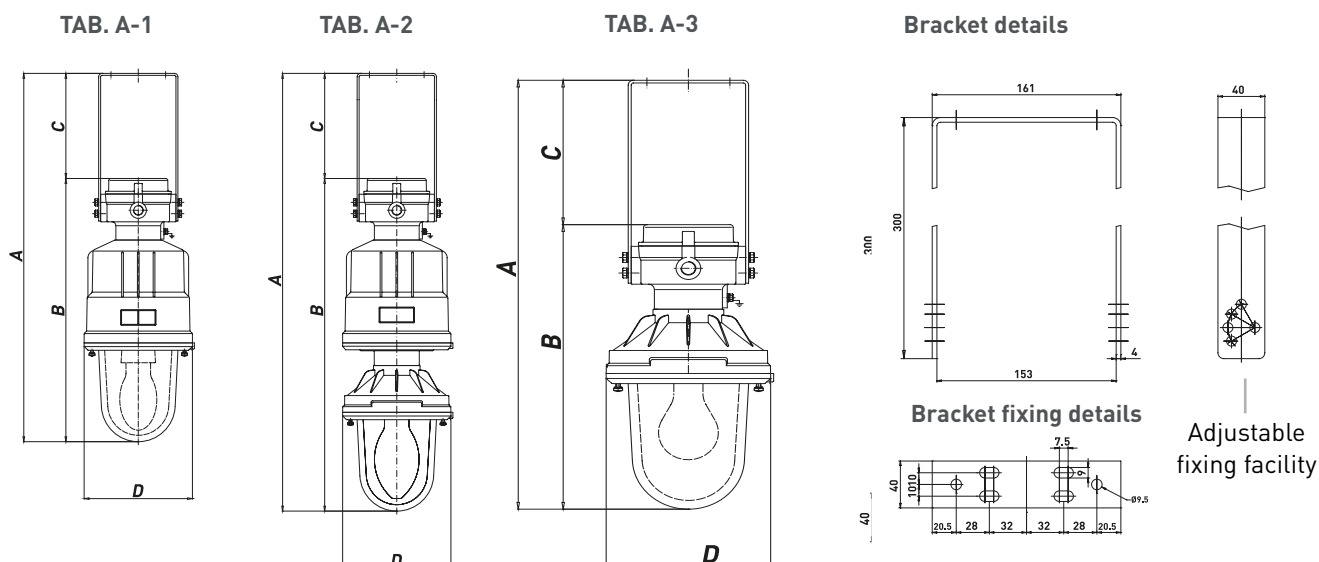


- EV.. series wellglass lighting fixtures are available in a wide range of wattage and are suitable for hazardous areas of industrial plants for lighting indoor and outdoor structures, for which narrow or wide beam lighting is needed.
- Copper-free aluminium body and tempered glass lamp compartment make this lighting fixtures suitable for applications where an excellent corrosion resistance is required.
- Available light sources: fluorescent compact and H.I.D: metal halide and high pressure sodium.
- Possibility to install reflectors able to drive light source.

TECHNICAL FEATURES

Material	Copper-free aluminium	
IP rating	IP66	
Ambient temperature range	-52°C to +60°C	
Approvals	ATEX: INERIS 01ATEX0019X - IECEx: INE 15.0031X EAC: RU C-IT.BH02.B.00616/20 – ECAS: 21-04-10282 E21-04-021858	
Marking	ATEX II 2 GD Ex d IIC T(**) Gb Ex de IIC T(**) Gb Ex tb IIIC T(**) Db IP66 ** T4/T135 °C ; T3/200°C	IEC-Ex Ex db IIC T(**) Gb Ex db e IIC T(**) Gb Ex tb IIIC T(**) Db IP66
Gaskets	O-ring made of Nitrile Rubber (NBR)	
Surface treatment	Polyurethane painting cycle C4 - Blue RAL5014 (Other colours available upon request)	
Entries	N° 2 entries M25x1,5 (EVde and EVCC version) N° 1 entry M25x1,5 (EVA version)/(plugs and cable glands excluded) M20 entries available upon request	
Included accessories	AISI304 Stainless steel external hardware and screws	
Lamps	Included	
Ballast	Electromechanical ballast	
Rated operation voltage (UE)	230 V (standard)/220 V, 240 V, 250 V, 277 V (upon request)	
Frequency	50 Hz (standard)/60 Hz (upon request)	
Optional accessories	Protection guard/Reflector/Pole mounting kit (EVde version)	
Options upon request	HOT INSTANT RESTRIKE solution available via twin-arc lamp assuring immediate hot instant restrike ignition with flux that will reach 80% of the nominal lamp flux in about 3 minutes. HOT INSTANT RESTRIKE solution also available via INSTANT RESTRIKE BALLAST, assuring immediate hot instant restrike ignition with 80% of the lamp nominal flux in 7 seconds. (for high pressure sodium version)	
Photometric light curves	EV..2/3/4 with REV reflector 	EV..-4/5 with REVD reflector

Dimensions EVde



EVde well glass lighting fixtures

EVde version, with integrated Ex e junction box, allows end users and contractors the possibility to save one junction box, two cable glands and a minimum of 30 minutes of labour during installation process. This version is supplied complete with an adjustable AISI304 stainless steel mounting bracket suitable for ceiling, wall and suspension installation.

EVde - Lighting fixtures with High Pressure Sodium lamp (NA)

TYPE - EVde HPS	CODE	LAMP [W]	WEIGHT [kg]	TEMP. CLASS	DIMENSIONS [mm]				DRAWING
					A	B	C	D	
EVDE-2/NA-B 50	A030205010001	50**	6.00	T3*	680	466	214	162	TAB. A-1
EVDE-3/NA-B 50	A030305010004	50	6.00	T3*	686	472	214	194	TAB. A-1
EVDE-2/NA-B 70	A030207010011	70**	6.00	T3*	680	466	214	162	TAB. A-1
EVDE-3/NA-B 70	A030207010018	70	7.40	T3*	686	472	214	194	TAB. A-1
EVDE-4/NA-B 150	A03040A010009	100	7.60	T3*	748	533	214	220	TAB. A-1
EVDE-4/NA-B 150	A03040A510006	150	8.40	T3*	748	533	214	220	TAB. A-1
EVDE-4/NA-B 250	A03040B510004	250	15.00	T3	890	676	214	220	TAB. A-1
EVDE-5/NA-B 250	A03050B510001	250	16.70	T3*	970	756	214	281	TAB. A-2
EVDE-5/NA-B 400	A03050D010009	400	18.00	T3	970	756	214	281	TAB. A-2

* In case of maximum ambient temperature reaches +40°C and except for light/bulb oriented on top (topward), temperature class changes into T4 (ordering code to be required)

** Lamp with built-in glow discharge ignitor

EVde - Lighting fixtures with Metal Halide lamp (IM)

TYPE - EVde IM	CODE	LAMP [W]	WEIGHT [kg]	TEMP. CLASS	DIMENSIONS [mm]				DRAWING
					A	B	C	D	
EVDE-3/IM-B 70	A030317010001	70	6.00	T3*	686	472	214	194	TAB. A-1
EVDE-4/IM-B 100	A03041A010004	100	6.00	T3*	748	533	214	220	TAB. A-1
EVDE-4/IM-B 150	A03041A510006	150	7.40	T3*	748	533	214	220	TAB. A-1
EVDE-4/IM-B 230	A03041B510007	250	14.80	T3	890	676	214	220	TAB. A-2
EVDE-5/IM-B 230	A03051B510001	250	15.70	T3*	890	676	214	220	TAB. A-2
EVDE-5/IM-B 360	A03051D010004	400	16.50	T3	970	756	214	281	TAB. A-2

* In case of maximum ambient temperature reaches +40°C and except for light/bulb oriented on top (topward), temperature class changes into T4 (ordering code to be required)

Notes: Below -20°C, the metal halide light can be used, providing they are switched on 24 hours a day

EVde - Lighting fixtures with fluorescent compact lamp (FC) – Energy saving long life (8000h)

TYPE EVde FC	CODE	LAMP [W]	WEIGHT [kg]	TEMP. CLASS	DIMENSIONS [mm]				DRAWING
					A	B	C	D	
EVDE-3/FC 45	A032044510002	45	4.40	T4*	584	370	214	194	TAB. A-3
EVDE-4/FC 60	A030445310002	60	7.00	T4**	635	421	214	220	TAB. A-3
EVDE-5/FC 75	A030545310001	75	9.00	T4**	715	501	214	281	TAB. A-3

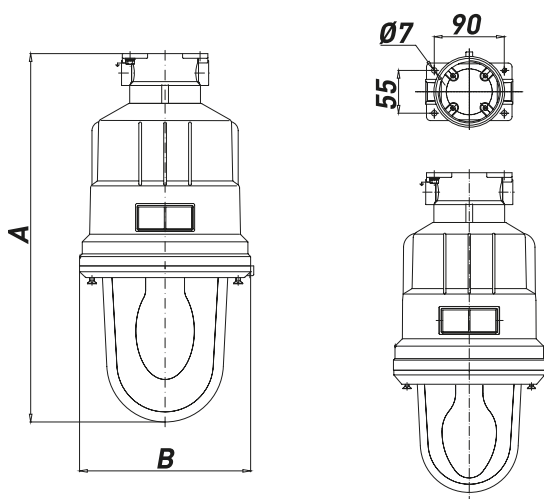
*In case of maximum ambient temperature reaches +40°C, temperature class changes into T5 (ordering code to be required)

**In case of maximum ambient temperature reaches +40°C, temperature class changes into T6 (ordering code to be required)

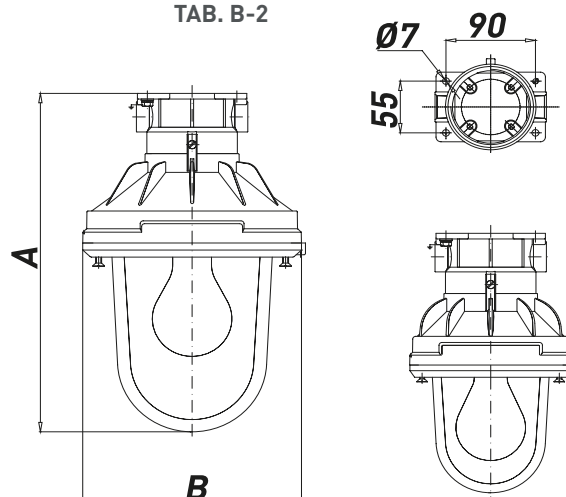
Notes: Below -20°C, the fluorescent compact light can be used, providing they are switched on 24 hours a day

Dimensions EVCC

TAB. B-1



TAB. B-2



EVCC well glass lighting fixtures

EVCC version, without integrated Ex e junction box, allows standard ceiling installation.

EVCC - Lighting fixtures with High Pressure Sodium lamp (NA)

TYPE EVCC NA	CODE	LAMP [W]	WEIGHT [kg]	TEMP. CLASS	DIMENSIONS [mm]		DRAWING
					A	B	
EVCC-2/NA-B 50	A030205010004	50**	5.50	T3*	406	162	TAB. B-1
EVCC-3/NA-B 50	A030305010005	50	6.90	T3*	411	194	TAB. B-1
EVCC-2/NA-B 70	A030207010015	70**	5.50	T3*	406	162	TAB. B-1
EVCC-3/NA-B 70	A030307010002	70	6.90	T3*	411	194	TAB. B-1
EVCC-4/NA-B 150	A03040A010007	100	7.10	T3*	474	220	TAB. B-1
EVCC-4/NA-B 150	A03040A510009	150	7.90	T3*	474	220	TAB. B-1
EVCC-4/NA-B 250	A03040B510007	250	7.90	T3*	474	220	TAB. B-1
EVCC-5/NA-B 250	A03040B510008	250	7.90	T3*	474	220	TAB. B-1
EVCC-5/NA-B 400	A03050D010010	400	7.90	T3*	474	220	TAB. B-1

* In case of maximum ambient temperature reaches +40°C and except for light/bulb oriented on top (topward), temperature class changes into T4 (ordering code to be required)

** Lamp with built-in glow discharge ignitor

EVCC - Lighting fixtures with Metal Halide lamp (IM)

TYPE EVCC IM	CODE	LAMP [W]	WEIGHT [kg]	TEMP. CLASS	DIMENSIONS [mm]		DRAWING
					A	B	
EVCC-3/IM-B 70	A030317010002	70	6.90	T3*	411	194	TAB. B-1
EVCC-4/IM-B 100	A03041A010005	100	7.10	T3*	474	220	TAB. B-1
EVCC-4/IM-B 150	A03041A510008	150	7.90	T3*	474	220	TAB. B-1
EVCC-4/IM 230	A03041B500002	230	7.90	T3*	474	220	TAB. B-1
EVCC-5/IM 230	A03041B510009	230	7.90	T3*	474	220	TAB. B-1
EVCC-5/IM 360	A03051D010005	360	7.90	T3*	474	220	TAB. B-1

* In case of maximum ambient temperature reaches +40°C and except for light/bulb oriented on top (topward), temperature class changes into T4 (ordering code to be required)

Notes:

- Below -20°C, the metal halide light can be used, providing they are switched on 24 hours a day

EVCC - Lighting fixtures with fluorescent compact lamp (FC) – Energy saving long life (8000h)

TYPE EVCC FC	CODE	LAMP [W]	WEIGHT [kg]	TEMP. CLASS	DIMENSIONS [mm]		DRAWING
					A	B	
EVCC-3/FC 45	A030344510001	45	3.90	T4*	309	194	TAB. B-2
EVCC-4/FC 60	A030446010001	60	6.50	T4**	360	220	TAB. B-2
EVCC-5/FC 75	A030545310002	75	8.50	T4**	440	281	TAB. B-2

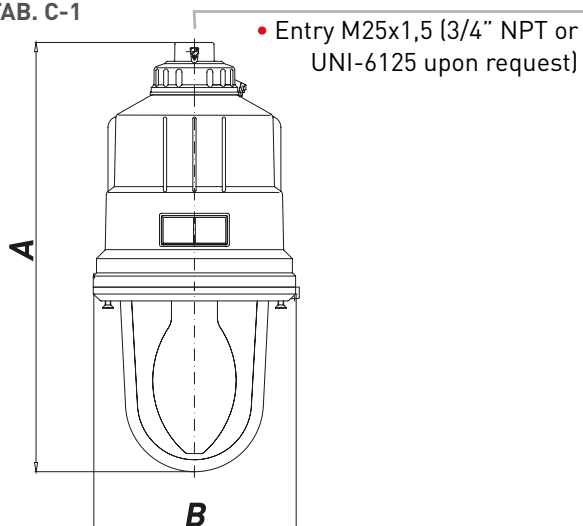
*In case of maximum ambient temperature reaches +40°C , temperature class changes into T5 (ordering code to be required)

**In case of maximum ambient temperature reaches +40°C , temperature class changes into T6 (ordering code to be required)

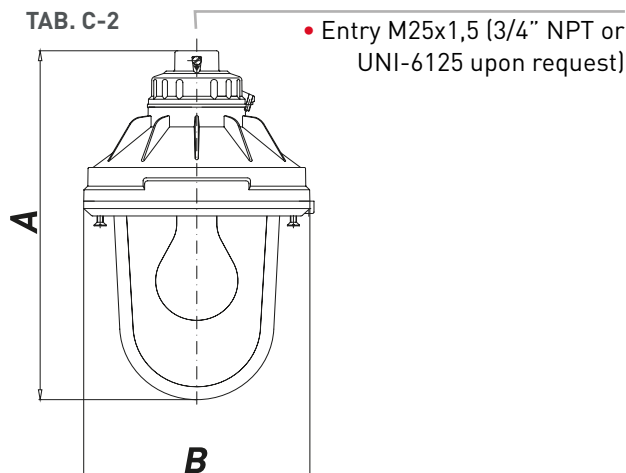
Notes: Below -20°C, the fluorescent compact light can be used, providing they are switched on 24 hours a day

Dimensions EVA (H.I.D.)

TAB. C-1



TAB. C-2



EVA well glass lighting fixtures

EVA version, without integrated Ex e junction box, allows standard suspension installation by conduit system and pastoral pole.

EVA - Lighting fixtures with High Pressure Sodium lamp (NA)

TYPE EVA NA	CODE	LAMP [W]	WEIGHT [kg]	TEMP. CLASS	DIMENSIONS [mm]		DRAWING
					A	B	
EVA-2/NA-B 50	A030205010005	50**	5.50	T3*	400	162	TAB. C-1
EVA-3/NA-B 50	A030305010006	50	6.90	T3*	404	194	TAB. C-1
EVA-2/NA-B 70	A030207010019	70**	5.50	T3*	400	162	TAB. C-1
EVA-4/NA-B 150	A03040A010008	100	7.10	T3*	467	220	TAB. C-1
EVA-4/NA-B 150	A03040A510010	150	7.90	T3*	467	220	TAB. C-1
EVA-4/NA-B 250	A03040B510009	250	7.90	T3*	467	220	TAB. C-1

*In case of maximum ambient temperature reaches +40°C and except for light/bulb oriented on top (topward), temperature class changes into T4 (ordering code to be required)

** Lamp with built-in glow discharge ignitor

EVA - Lighting fixtures with Metal Halide lamp (IM)

TYPE EVA IM	CODE	LAMP [W]	WEIGHT [kg]	TEMP. CLASS	DIMENSIONS [mm]		DRAWING
					A	B	
EVA-3/IM-B 70	A030317010003	70	6.90	T3*	404	194	TAB. C-1
EVA-4/IM-B 100	A03041A010006	100	7.10	T3*	467	220	TAB. C-1
EVA-4/IM-B 150	A03041A510009	150	7.90	T3*	467	220	TAB. C-1
EVA-4/IM-B 230	A03041B510010	230	7.90	T3*	467	220	TAB. C-1

*In case of maximum ambient temperature reaches +40°C and except for light/bulb oriented on top (topward), temperature class changes into T4 (ordering code to be required)

Notes: Below -20°C, the metal halide light can be used, providing they are switched on 24 hours a day

EVA - Lighting fixtures with fluorescent compact lamp (FC) – Energy saving long life (8000h)

TYPE EVA FC	CODE	LAMP [W]	WEIGHT [kg]	TEMP. CLASS	DIMENSIONS [mm]		DRAWING
					A	B	
EVA-3/FC 45	A030344510002	45	3.90	T4*	309	194	TAB. C-2
EVA-4/FC 60	A030446010002	60	6.50	T4**	360	220	TAB. C-2
EVA-5/FC 75	A030547510001	75	8.50	T4**	440	281	TAB. C-2

*In case of maximum ambient temperature reaches +40°C, temperature class changes into T5 (ordering code to be required)

**In case of maximum ambient temperature reaches +40°C, temperature class changes into T6 (ordering code to be required)

Notes: Below -20°C, the fluorescent compact light can be used, providing they are switched on 24 hours a day