

**Installation:** hazardous areas - Zone 1 / 2 (Gases) - Zone 21 / 22 (Dusts)**Classification:** Group II - Category 2G 2D**REFERENCE STANDARDS****Directive 2014/34/EU**

EXECUTION	⊗ II 2 G Ex db IIC T6÷T2 Gb ⊗ II 2 D Ex tb IIIC T85°C-T225°C Db
RULES OF COMPLIANCE	EN/IEC 60079-0; EN/IEC 60079-1; EN/IEC 60079-31
EC Type-Examination Certificate	INERIS 01 ATEX 0054X
PROTECTION DEGREE	IP66
AMBIENT TEMPERATURE	-60°C ÷ +60°C
OTHER AVAILABLE CERTIFICATES	IECEX: IECEX INE 13.0075X INMETRO: CEPEL 14.2311X EAC: TC RU C-IT.BH02.B.00602 RINA: ELE18111CS_015 RUSSIAN MARINE CERTIFICATE (RMRS): 19.02519.280

Mechanical characteristics

Body	marine grade copper free aluminium (control gear & lamp body)
Globe	high-temperature resistant borosilicate glass
Painting	external epoxy powders grey RAL-9006 colour
Screws	external stainless steel
Gaskets	silicon rubber
Cable entry	3/4" NPT size threaded
Installation swivel bracket	stainless steel

Electrical characteristics

Power supply (PRC)	conventional ballast 230V - 50Hz (p.f. corrected - $\cos \rho \geq 0,95$)
Lampholders	porcelain E27/E40 size
Internal wiring	high-temperature resistant silicon rubber insulation cables
Terminals	suitable up to 4sq/mm cables (on lighting fixtures with PRC)

**On Request Accessories:**

- Ceiling mounting AISI 316L stainless steel kit complete with stainless steel hardware
- Pendant mounting AISI 316L stainless steel kit complete with stainless steel hardware
- Wall/Structure mounting kit complete with stainless steel hardware
- Pole mounting kit 1" – 1 1/2" – 2" dia. complete with stainless steel hardware
- White stove enamelled aluminium reflectors
- Stainless steel reflectors
- External painting colour on request
- Control gear with voltage supply different than standard
- Threaded cable entry different than standard

Technical data

CODE	LAMP	TEMPERATURE CLASS (GAS)	TEMPERATURE CLASS (DUSTS)	LAMPHOLDER SIZE	CABLE ENTRY SIZE	DETAIL
LIGHTING FIXTURE FOR INCANDESCENT LAMPS* - POWER SUPPLY 230V-50Hz						
EVAC101	100 W	T4	T 135°C	E-27	1 x 3/4"	A
EVAC100	100 W	T4	T 135°C	E-27	2 x 3/4"	B
EVAC201	200 W	T4 / T3	T 135°C / T 160°C	E-27	1 x 3/4"	A
EVAC200	200 W	T4 / T3	T 135°C / T 160°C	E-27	2 x 3/4"	B
EVAC301	300 W	T4 / T3	T 135°C / T 160°C	E-40	1 x 3/4"	A
EVAC300	300 W	T4 / T3	T 135°C / T 160°C	E-40	2 x 3/4"	B
EVAC501	500 W	T3	T 160°C / T 190°C	E-40	1 x 3/4"	A
EVAC500	500 W	T3	T 160°C / T 190°C	E-40	2 x 3/4"	B

*lamp not included.

LIGHTING FIXTURE FOR HALOGEN LAMP* - POWER SUPPLY 230V-50Hz						
EVAC101-100H	100 W	T4	T 135°C	E-27	1 x 3/4"	A
EVAC100-100H	100 W	T4	T 135°C	E-27	2 x 3/4"	B
EVAC201-150H	150 W	T4 / T3	T 135°C / T 160°C	E-27	1 x 3/4"	A
EVAC200-150H	150 W	T4 / T3	T 135°C / T 160°C	E-27	2 x 3/4"	B
EVAC301-250H	250 W	T4 / T3	T 135°C / T 160°C	E-40	1 x 3/4"	A
EVAC300-250H	250 W	T4 / T3	T 135°C / T 160°C	E-40	2 x 3/4"	B

*lamp not included.

LIGHTING FIXTURE FOR HIGH PRESSURE MERCURY VAPOUR LAMP - POWER SUPPLY 230V-50Hz						
EVAC101-80HG	80 W	T4 / T3	T 135°C / T 160°C	E-27	2 x 3/4"	C2
EVAC101-C80HG					1 x 3/4"	C1
EVAC201-125HG	125 W	T4 / T3	T 140°C / T 160°C	E-27	2 x 3/4"	C2
EVAC201-C125HG					1 x 3/4"	C1
EVAC501-250HG	250 W	T3	T 160°C / T 190°C	E-40	2 x 3/4"	C2
EVAC501-400HG	400 W	T3	T 190°C	E-40	2 x 3/4"	C2

LIGHTING FIXTURE FOR HIGH PRESSURE SODIUM LAMP - POWER SUPPLY 230V-50Hz						
EVAC101-70HPNA	70 W	T4	T 135°C	E-27	2 x 3/4"	C2
EVAC101-C70HPNA					1 x 3/4"	C1
EVAC301-100HPNA	100 W	T3	T 140°C / T 160°C	E-40	2 x 3/4"	C2
EVAC301-C100HPNA					1 x 3/4"	C1
EVAC301-150HPNA	150 W	T4	T 135°C	E-40	2 x 3/4"	C2
EVAC301-C150HPNA					1 x 3/4"	C1
EVAC301-250HPNA	250 W	T3	T 160°C / T 190°C	E-40	2 x 3/4"	C2
EVAC301-C250HPNA					1 x 3/4"	C1
EVAC501-400HPNA	400 W	T3	T 190°C	E-40	2 x 3/4"	C2

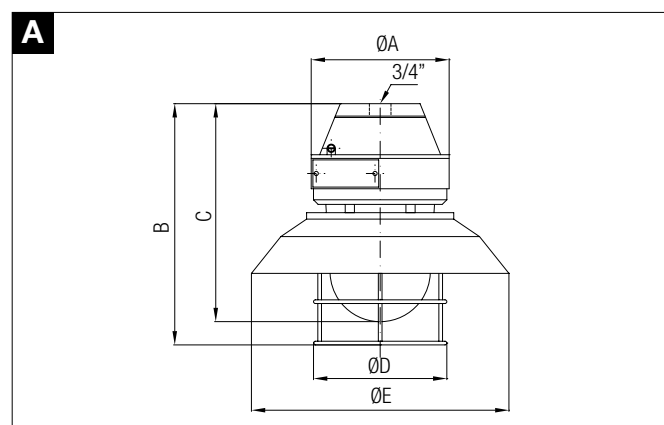
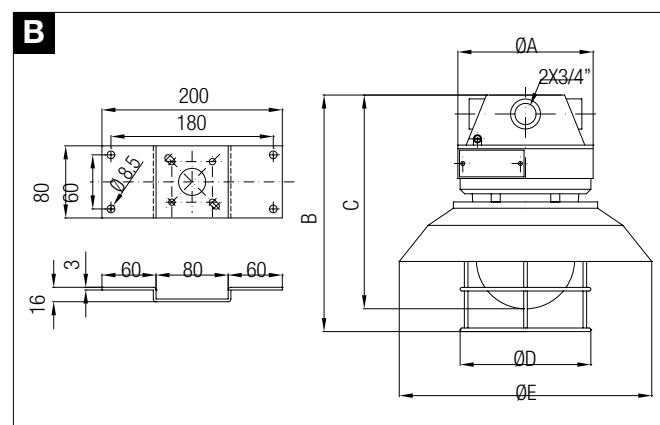
LIGHTING FIXTURE FOR METAL HALIDE LAMP - POWER SUPPLY 230V-50Hz						
EVAC101-100MH	100 W	T3	T 140°C / T 160°C	E-27	2 x 3/4"	C2
EVAC101-C100MH					1 x 3/4"	C1
EVAC301-150MH	150 W	T4 / T3	T 135°C / T 160°C	E-40	2 x 3/4"	C2
EVAC301-C150MH					1 x 3/4"	C1
EVAC301-250MH	250 W	T3	T 140°C / T 160°C	E-40	2 x 3/4"	C2
EVAC301-C250MH					1 x 3/4"	C1
EVAC501-400MH	400 W	T3	T 160°C / T 190°C	E-40	2 x 3/4"	C2

LIGHTING FIXTURE FOR BLENDED LIGHT LAMP - POWER SUPPLY 230V-50Hz						
EVAC201-160MLL	160 W	T3	T 140°C / T 160°C	E-27	1 x 3/4"	A
EVAC200-160MLL	160 W	T3	T 140°C / T 160°C	E-27	2 x 3/4"	B
EVAC301-250MLL	250 W	T3	T 160°C / T 190°C	E-40	1 x 3/4"	A
EVAC300-250MLL	250 W	T3	T 160°C / T 190°C	E-40	2 x 3/4"	B

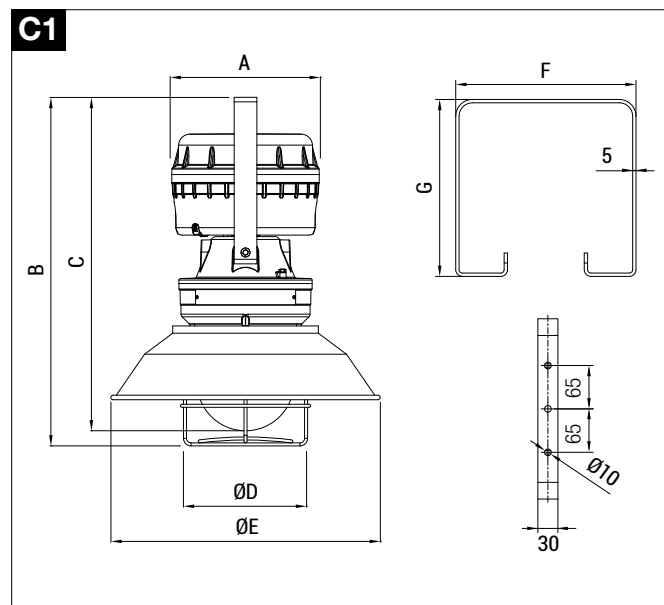
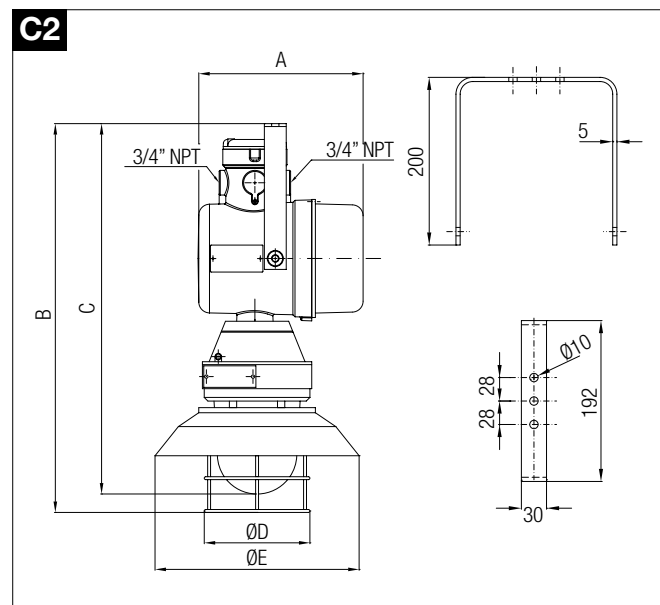



Technical features

CODE	A [mm]	B [mm]	C [mm]	Ø D [mm]	Ø E [mm]	WIGHT [Kg]	CABLE ENTRY	DETAIL
EVAC101	150	270	236	145	280	2,00	1 x 3/4"	A
EVAC100	150	270	236	145	280	2,00	2 x 3/4"	B
EVAC201	176	280	256	170	345	2,80	1 x 3/4"	A
EVAC200	176	280	256	170	345	2,80	2 x 3/4"	B
EVAC301	197	390	325	190	402	4,50	1 x 3/4"	A
EVAC300	197	390	325	190	402	4,50	2 x 3/4"	B
EVAC501	261	420	389	255	515	7,50	1 x 3/4"	A
EVAC500	261	420	389	255	515	7,50	2 x 3/4"	B

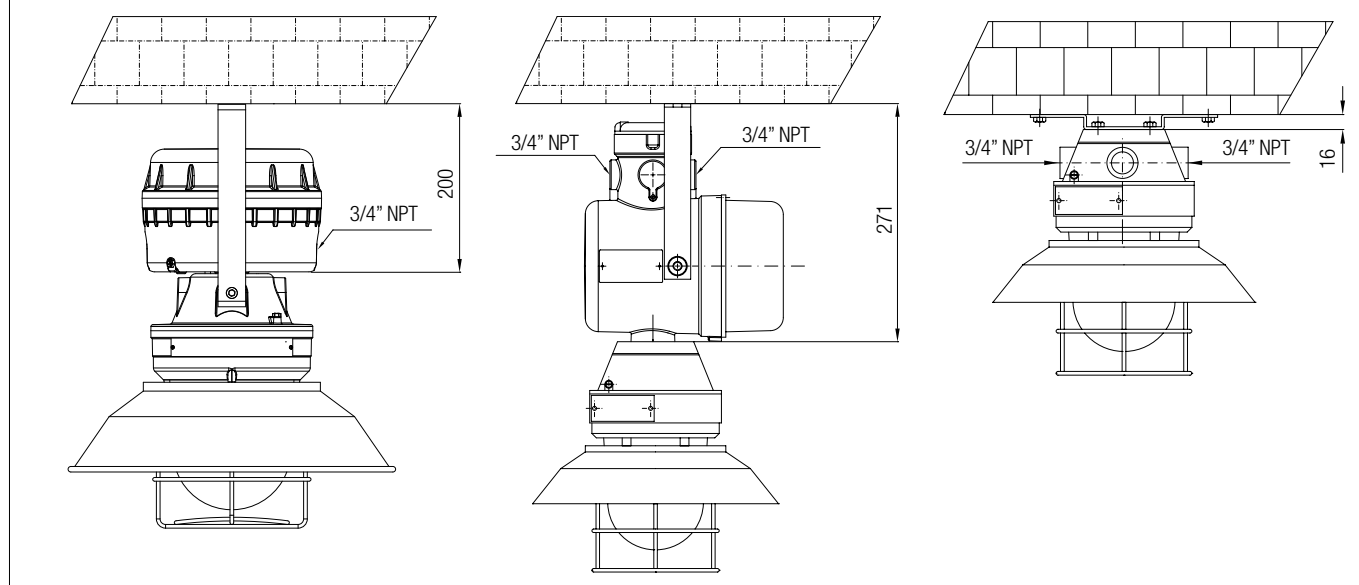
Reference details

Reference details

Technical features

CODE	A [mm]	B [mm]	C [mm]	Ø D [mm]	Ø E [mm]	F [mm]	G [mm]	WEIGHT [Kg]	CABLE ENTRY	DETAIL
EVAC101-..HG; EVAC101-..HPNA; EVAC101-..MH	227	545	515	145	280	210	220	7,00	2 x 3/4"	C2
EVAC101-C..HG; EVAC101-C..HPNA; EVAC101-C..MH	195	440	420	145	280	210	220	7,00	1 x 3/4"	C1
EVAC201-..HG	227	565	545	170	345	210	220	9,50	2 x 3/4"	C2
EVAC201-C..HG	195	461	440	170	345	210	220	9,50	1 x 3/4"	C1
EVAC301-..HPNA; EVAC301-..MH	227	635	610	290	402	270	265	12,00	2 x 3/4"	C2
EVAC301-C..HPNA; EVAC301-C..MH	250	590	555	290	402	270	265	12,00	1 x 3/4"	C1
EVAC501-..HG; EVAC501-..HPNA; EVAC501-..MH	227	695	670	255	515	/	/	15,50	2 x 3/4"	C2

Reference details

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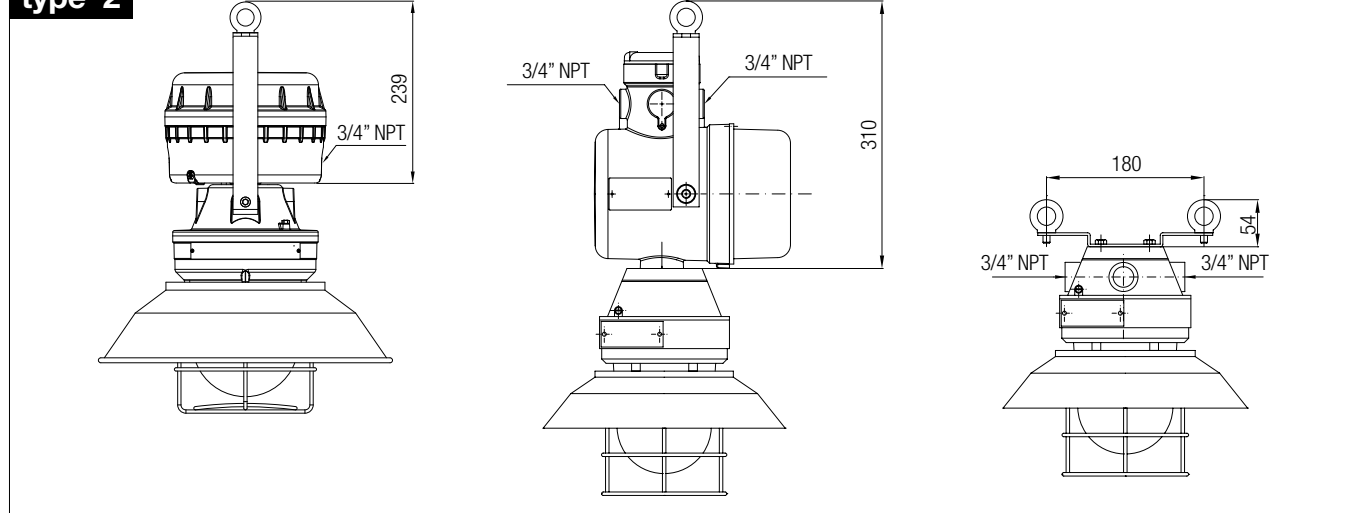
Ceiling mounting

type 1



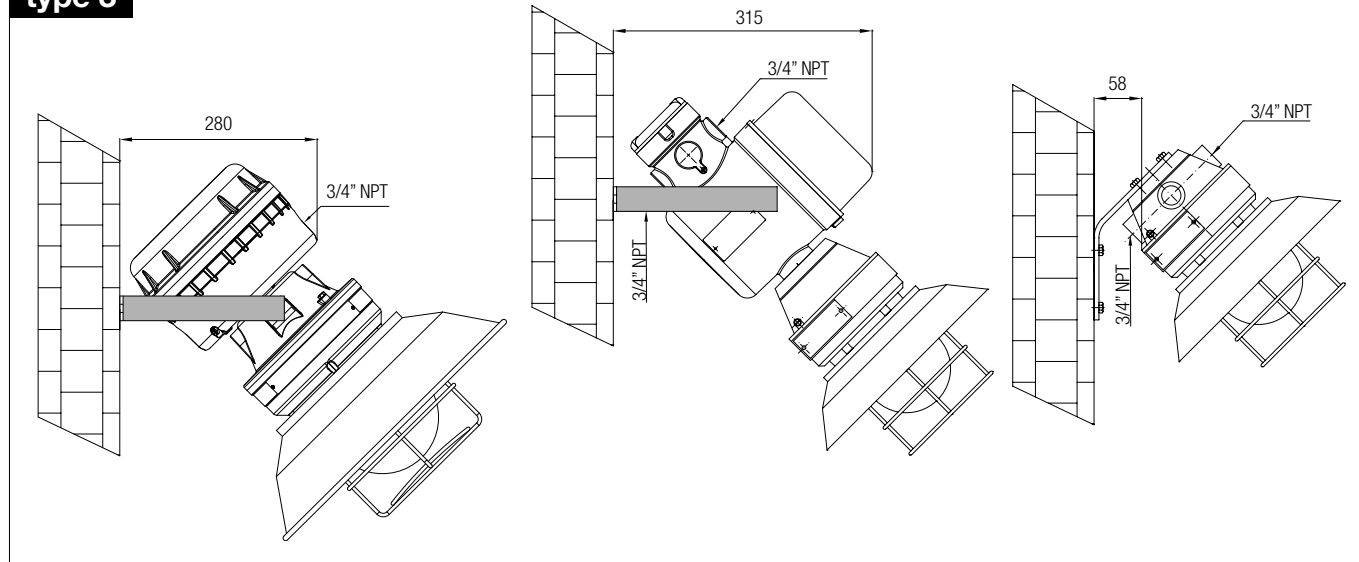
Pendant mounting

type 2



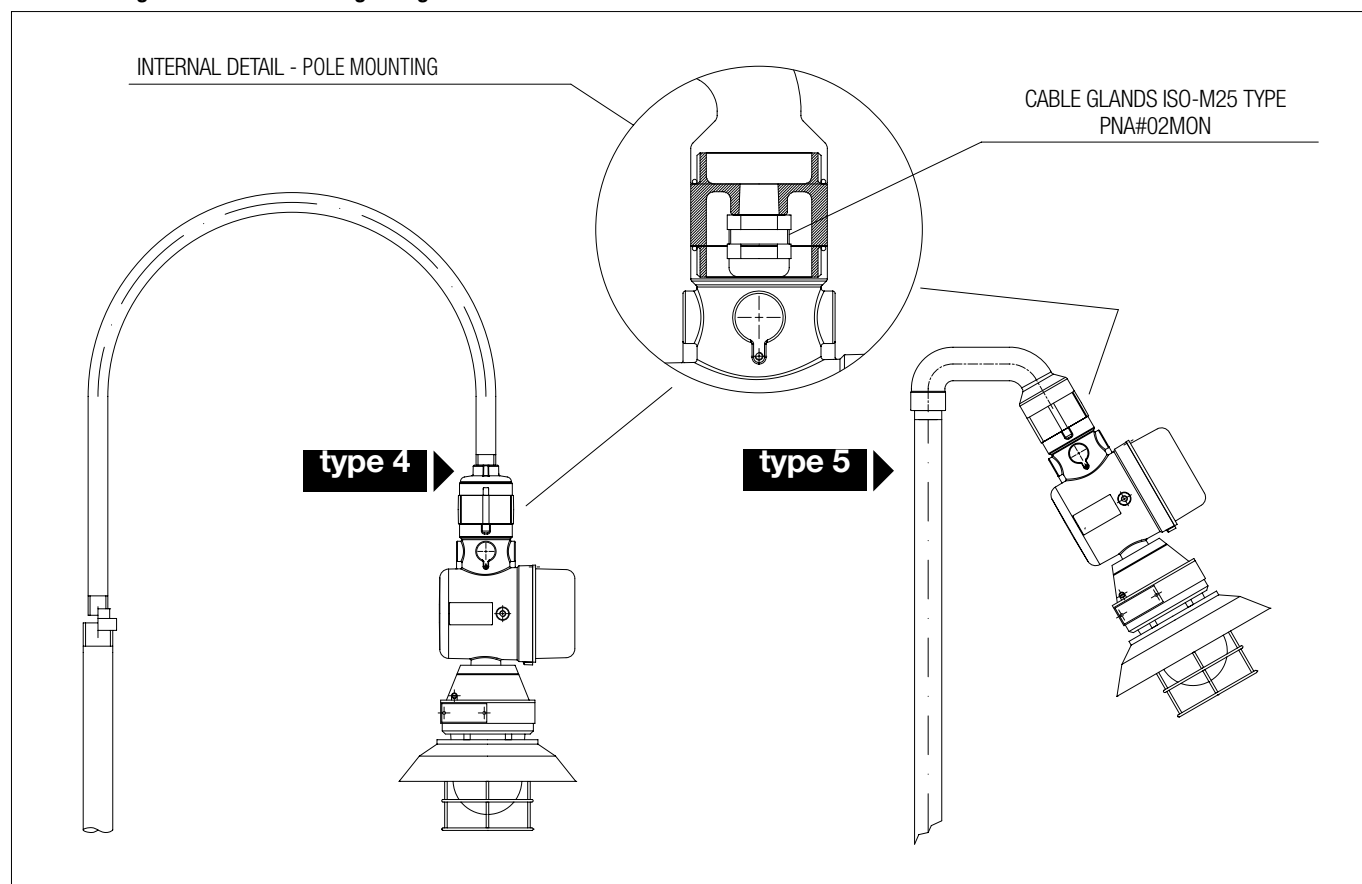
Wall/structure mounting

type 3

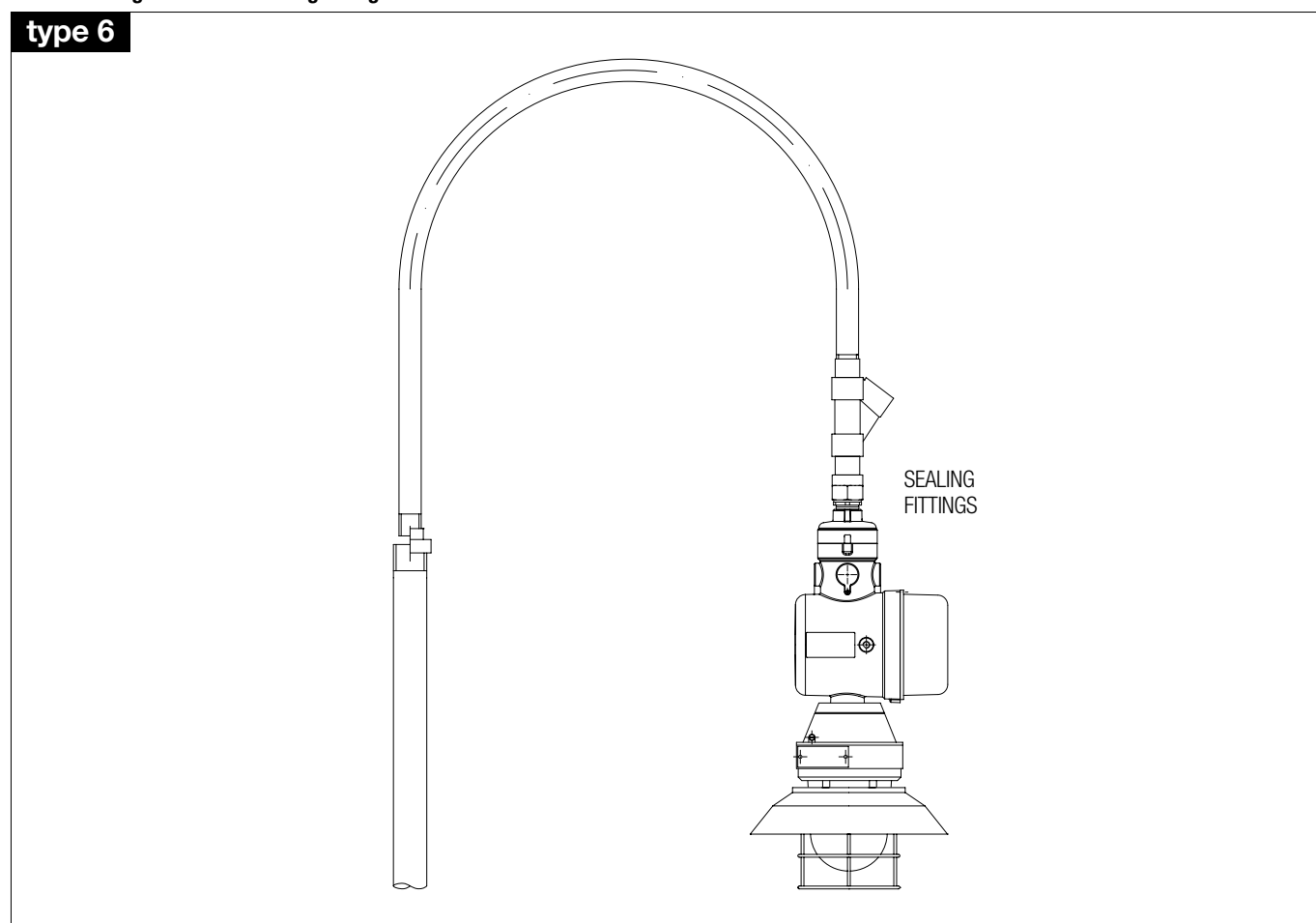




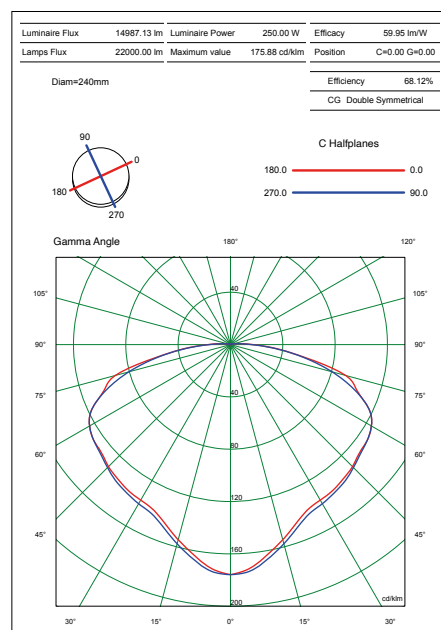
Pole Mounting – Without add sealing fitting



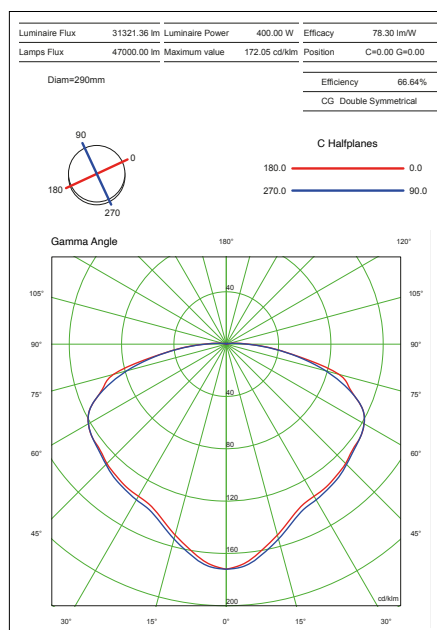
Pole Mounting – With add sealing fitting



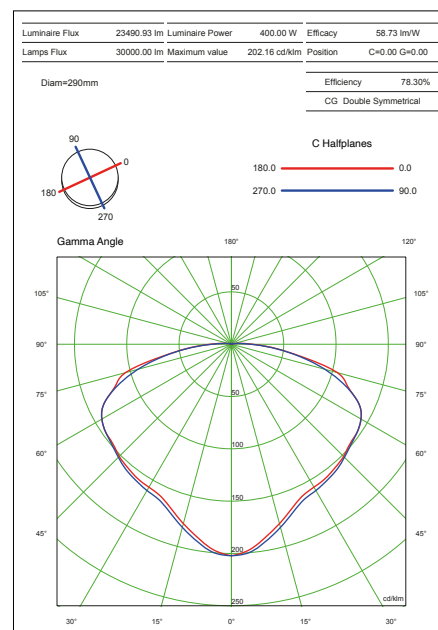
EVAC301-250HPNA



EVAC501-400HPNA



EVAC501-400MH



On request accessories

CODE	DESCRIPTION	INSTALLATION	MATERIAL
REFL#AL01R140A	EVAC 100 / 101 SIZE STANDARD REFLECTOR	-	WHITE STOVE ENAMELLED ALUMINIUM
REFL#AL02R140A	EVAC 200 / 201 SIZE STANDARD REFLECTOR	-	WHITE STOVE ENAMELLED ALUMINIUM
REFL#AL03R140A	EVAC 300 / 301 SIZE STANDARD REFLECTOR	-	WHITE STOVE ENAMELLED ALUMINIUM
REFL#AL04R140A	EVAC 500 / 501 SIZE STANDARD REFLECTOR	-	WHITE STOVE ENAMELLED ALUMINIUM
REFL#XX01R1400	EVAC 100 / 101 SIZE STAINLESS STEEL REFLECTOR	-	STAINLESS STEEL
REFL#XX02R1400	EVAC 200 / 201 SIZE STAINLESS STEEL REFLECTOR	-	STAINLESS STEEL
REFL#XX03R1400	EVAC 300 / 301 SIZE STAINLESS STEEL REFLECTOR	-	STAINLESS STEEL
REFL#XX04R1400	EVAC 500 / 501 SIZE STAINLESS STEEL REFLECTOR	-	STAINLESS STEEL
GUARD#AZ01	EVAC 100 / 101 SIZE STANDARD PROTECTION GUARD	-	GALVANIZED STEEL
GUARD#AZ02	EVAC 200 / 201 SIZE STANDARD PROTECTION GUARD	-	GALVANIZED STEEL
GUARD#AZ03	EVAC 300 / 301 SIZE STANDARD PROTECTION GUARD	-	GALVANIZED STEEL
GUARD#AZ04	EVAC 500 / 501 SIZE STANDARD PROTECTION GUARD	-	GALVANIZED STEEL
GUARD#X401	EVAC 100 / 101 SIZE STAINLESS STEEL PROTECTION GUARD	-	STAINLESS STEEL
GUARD#X402	EVAC 200 / 201 SIZE STAINLESS STEEL PROTECTION GUARD	-	STAINLESS STEEL
GUARD#X403	EVAC 300 / 301 SIZE STAINLESS STEEL PROTECTION GUARD	-	STAINLESS STEEL
GUARD#X404	EVAC 500 / 501 SIZE STAINLESS STEEL PROTECTION GUARD	-	STAINLESS STEEL
20302.0078*	CEILING MOUNTING KIT C/W HARDWARE	TYPE 1	STAINLESS STEEL
20302.0103	PENDANT MOUNTING KIT C/W HARDWARE AND EYE-BOLTS	TYPE 2	GALVANIZED STEEL
20302.0079*	45° WALL/STRUCTURE MOUNTING KIT C/W HARDWARE	TYPE 3	GALVANIZED STEEL
20301.0171	POLE MOUNTING KIT - WITHOUT SEALING FITTINGS	TYPE 4	ALUMINIUM
20303.0124 + 20301.0169	25° POLE MOUNTING KIT WITH BRACKET - WITHOUT SEALING FITTINGS	TYPE 5	ALUMINIUM
	POLE MOUNTING KIT - WITH SEALING FITTINGS (EYS2 + NP2 + RMF2)	TYPE 6	ALUMINIUM

* only for lighting fixtures shown on reference details A - B

REMARK:

Due to the development of the national and international specifications and of the technology, the above technical characteristics showed on this bulletin can be considered as binding on our confirmation only.