LIGHTING FIXTURES
FOR LED LAMPS

Explosion Proof Electrical Equipment
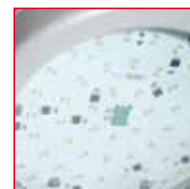
Installation: hazardous areas – Zone 1 / 2 (Gases) – Zone 21 / 22 (Dusts)
Classification: Group II – Category 2G 2D

EVAC-LED

GOST-R
RTR Ex Proof

	LIGHTING FIXTURE / CONTROL GEAR		
	ATEX 94/9/EC	**GOST-R (RTR / RTN)**	**GOST-K**
EXECUTION	ⓔ II 2 G Ex d IIC T4 ⓔ II 2 D Ex tD A21 T135°C	1Ex d IIC T4 X DIP A21 Tᴀ (135)°C	1Ex d IIC T4 X DIP A21 Tᴀ (135)°C
INSTALLATION	ZONE 1 / 2 - ZONE 21 / 22	ZONE 1 / 2 - ZONE 21 / 22	ZONE 1 / 2 - ZONE 21 / 22
PROTECTION DEGREE	IP66	IP66	IP66
CERTIFICATE REF.	INERIS 01 ATEX 0054X	POCC IT. ГБ05.В02536	No. 07/43-269
RULES OF COMPLIANCE	EN 50014:1997; EN 50018:1994 EN 50281-1-1:1998	ГОСТ Р 51330.9-99 (МЭК 60079-0-98); ГОСТ Р 51330.1-99 (МЭК 60079-1-98); ГОСТ Р 51330,8-99; ГОСТ Р МЭК 61241-1-1-99	ГОСТ Р 51330.0 / 1 / 8 / 14-99 ГОСТ Р МЭК 61241-1-1-2002

Mechanical characteristics

Body	Marine grade copper free aluminium (control gear & lamp body)
Globe	High-temperature resistant borosylicate glass
Painting	External epoxy powders grey RAL-9006 colour
Screws	External stainless steel
Gaskets	Silicon rubber
Cable entry	1 Threaded hole dia. 1" NPT (with pole mounting) 2 threaded holes 3/4" (with universal bracket)

Electrical characteristics

Power supply (prc)	108W VIN 90~264VAC ± 10%, frequency 50 ÷ 60Hz ± 5% 24Volt
Lamp type	77 Led da 1W - minimum brightness 6000lm approx., Led type "cold-white" - efficiency>83% 44 Led da 1W - minimum brightness 3500lm approx., Led type "cold-white" - efficiency>83%
Internal wiring	High-temperature resistant silicon rubber insulation cables

ON REQUEST ACCESSORIES:
• Pole mounting kit 1" – 1 1/2" – 2" dia. complete with stainless steel hardware
• External painting colour on request
• Control gear with voltage supply different than standard
• Threaded cable entry different than standard
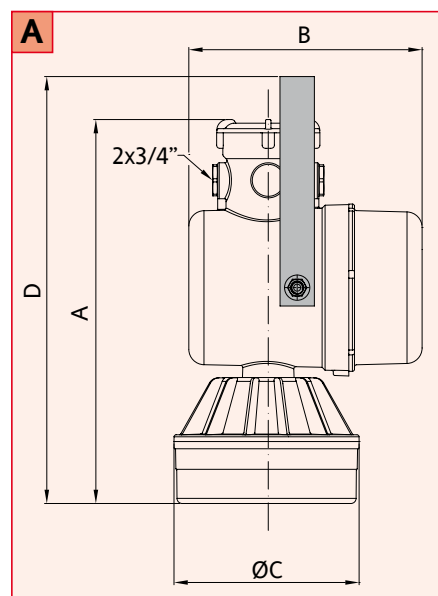• Lighting fixtures in execution Ex de

Since 1961
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EVAC-LED Technical data

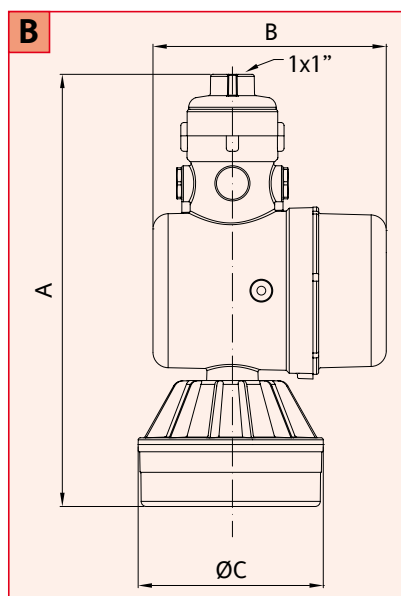| CODE	POWER LAMP	TEMPERATURE CLASS (GAS)	TEMPERATURE CLASS (DUSTS)	LED NUMBER	POWER [W]	CABLE ENTRY SIZE
LIGHTING FIXTURES FOR LED LAMPS – POWER SUPPLY 90-264V 50/60Hz						
EVAC201-44LED	POWER LED	T4	T 135°C	44	50W	1 x 1" (pole mounting) 2 x 3/4" (universal bracket)
EVAC201-77LED	POWER LED	T4	T 135°C	77	80W	1 x 1" (pole mounting) 2 x 3/4" (universal bracket)

EVAC-LED Technical features

CODE	A [mm]	B [mm]	Ø C [mm]	D [mm]	WEIGHT [Kg]	CABLE ENTRY	DETAIL
EVAC201-...LED-W	360	225	176	385	6,80	2 x 3/4"	A
EVAC201-...LED-P	400	225	176	-	6,80	1 x 1"	B

Reference details

Reference details

INSTALLATION AND MOUNTING DETAILS

WALL / CEILING MOUNTING

EVAC201-44LED

Flux 2670.14 lm
Maximum 479.82 cd/klm
Position C=90.00 G=1.00
Efficiency 100.00%
Asymmetric

EVAC201-77LED

Flux 4114.57 lm
Maximum 568.09 cd/klm
Position C=350.00 G=1.00
Efficiency 100.00%
Asymmetric
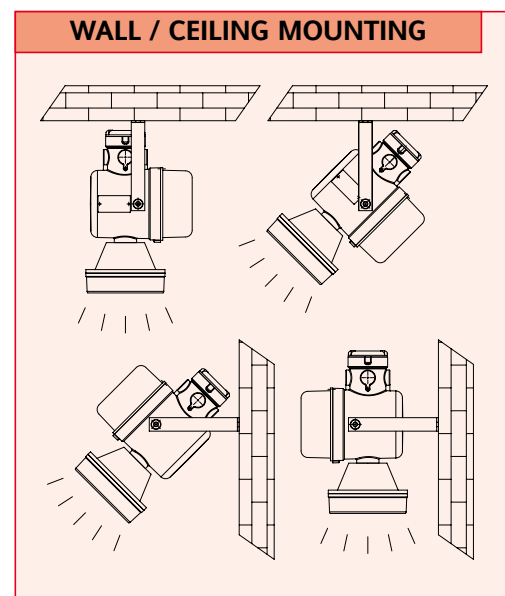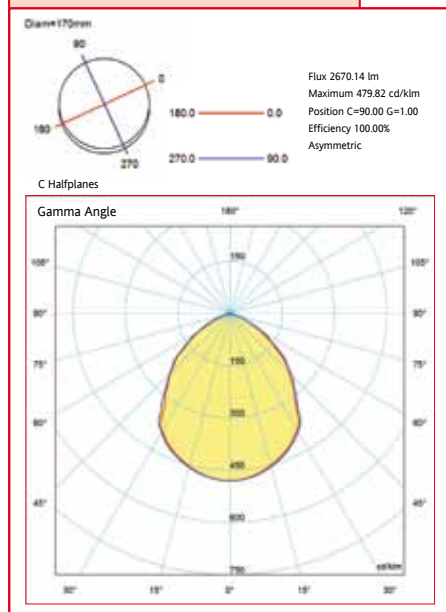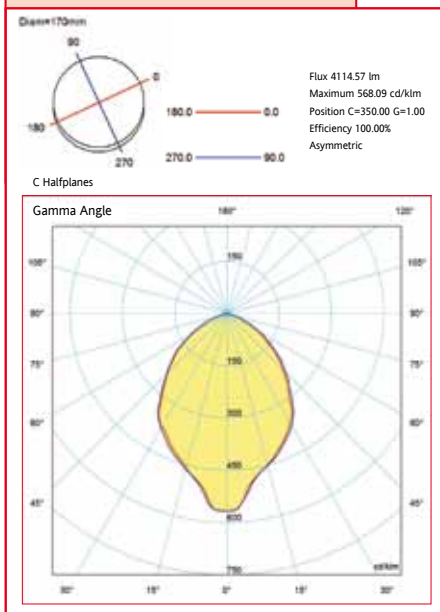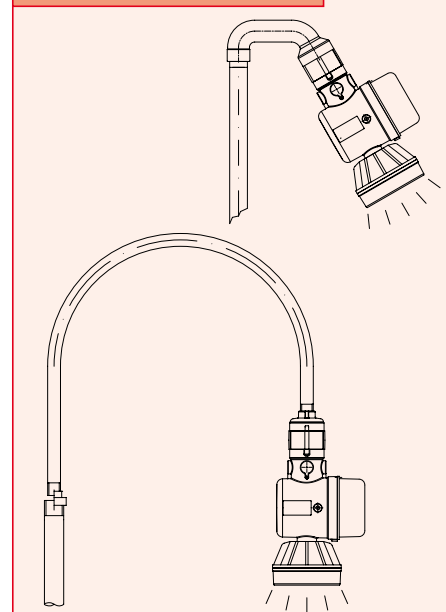
POLE MOUNTING

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.