EVAC-LED

Lighting fixtures for led lamps

Installation: hazardous areas - Zone $\,$ 1 / 2 (Gases) - Zone 21 / 22 (Dusts) Classification: Group II - Category 2G 2D







Ex Lighting



























REFERENCE STANDARDS

	Directive 94/9/EC (until April 19th, 2016) - Directive 2014/34/EU (from April 20th, 2016)		
EXECUTION	 ∅ II 2 G Ex d IIC T5 / T4 /T3 Gb ∅ II 2 D Ex tb IIIC T85/105/160°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.ГБ08.В.01342		
	RINA: ELE18111CS_015		
RUSSIAN MARINE CERTIFICATE (RMRS): 13.03516.315			

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	2 Threaded hole dia. 1/2" NPT (EVAC201-32LED) 1 Threaded hole dia. 1" NPT (with pole mounting kit - EVAC501-48LED) 2 Threaded holes 3/4" NPT (with universal bracket - EVAC501-48LED)

Electrical characteristics

Power supply	120 or 230 or 277 Vac 700mA, frequency 50÷60Hz
Lamp type	4 LED by 8W - minimum brightness 3000lm approx., led type "Cold-white" - EFFICIENCY>83% Equivalent to 150W MH
Lamp type	6 LED by 8W - minimum brightness 5200lm approx., led type "Cold-white" - EFFICIENCY>83% Equivalent to 250W MH
Internal wiring	High-temperature resistant silicon rubber insulation cables

On Request Accessories:

- · External painting colour on request
- Threaded cable entry different than standard



Ex Lighting

EVAC-LED Technical data

CODE	LAMP TYPE	TEMPERATURE CLASS (GAS)	TEMPERATURE CLASS NUMBER OF (DUSTS) LED		POWER [W]	CABLE ENTRY SIZE
LED LIGHTING FIXTURES - POWER SUPPLY 120 or 230 or 277 Vac 700mA 50/60Hz						
EVAC201-32LED	POWER LED	T4 / T5	T 85°C / T 105°C	4	32W	2 x 1/2"

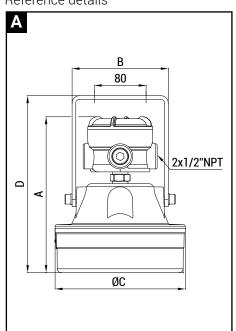
LED LIGHTING FIXTURES - POWER SUPPLY 120 or 230 or 277 Vac 700mA 50/60Hz						
EVAC501-48LED	POWER LED	Т3	T 160°C	6	48W	2 x 3/4" 1 x 1"

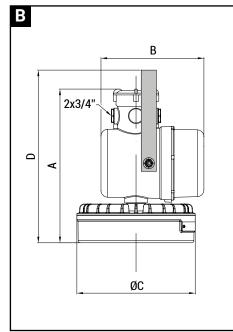
Note: LED lens lamp included along with lighting fixtures

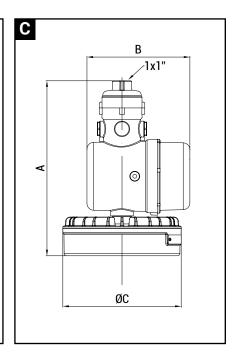
EVAC-LED Technical features

CODE	A [mm]	B [mm]	C [mm]	D [mm]	WEIGHT [Kg]	CABLE ENTRY	DETAIL
EVAC201-32LED	210	130	176	239	4,50	2 x 1/2"	Α
EVAC501-48LED	343	225	261	360	8,00	2 x 3/4"	В
EVAC501-48LED	377	225	261	-	7,80	1 x 1"	С

Reference details

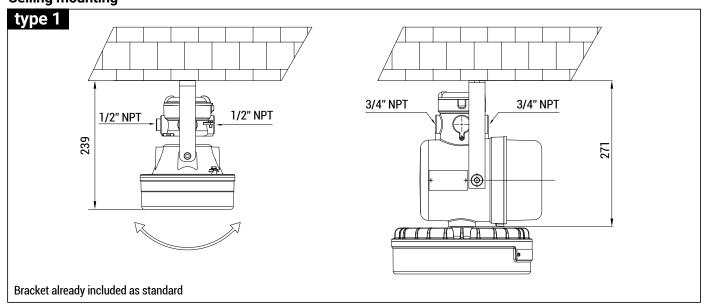






EVAC-LED Installation and mounting details

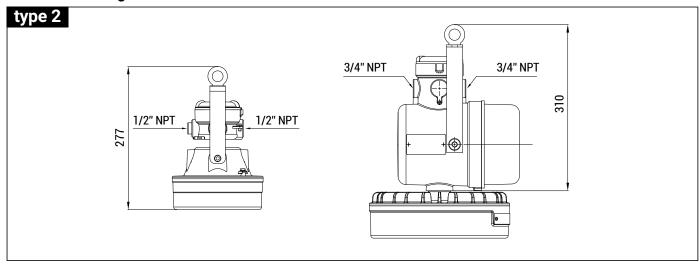
Ceiling mounting



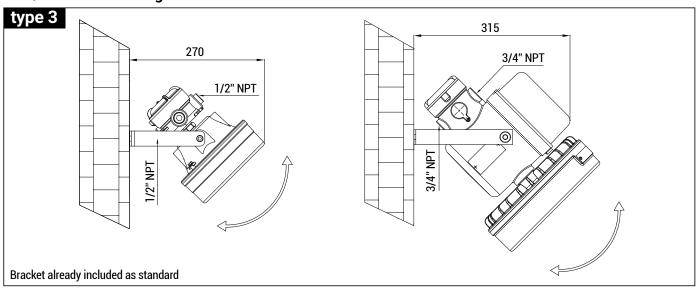
Installation and mounting details

Explosion Proof Electrical Equipment Ex Lighting

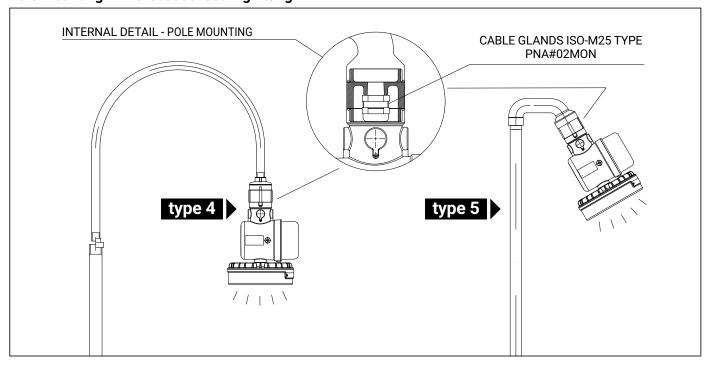
Pendant mounting



Wall/structure mounting



Pole Mounting - Without add sealing fitting

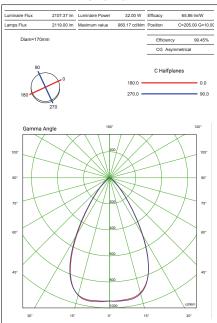


EVAC-LED

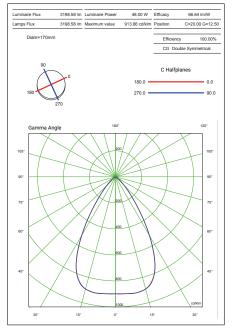
Polar diagrams – photometric data



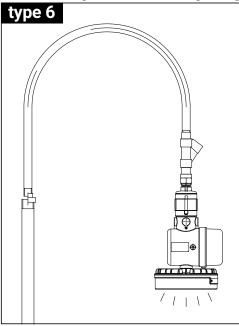
EVAC201-32LED



EVAC501-48LED



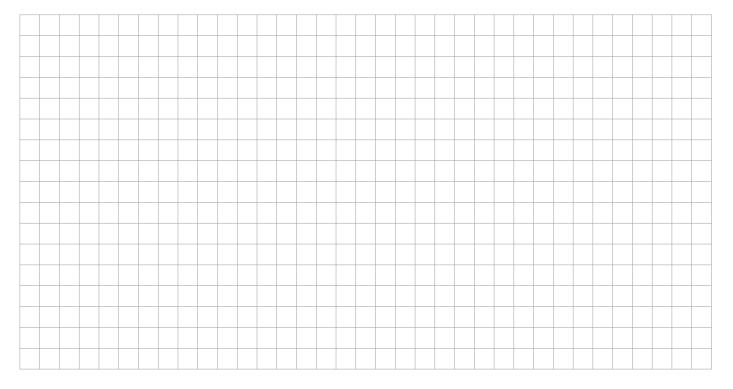
Pole Mounting - With add sealing fitting



EVAC-LED On request accessories

CODE	DESCRIPTION	INSTALLATION	MATERIAL
20302.0103	PENDANT MOUNTING KIT C/W HARDARE AND EYE-BOLTS	TYPE 2	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 (EYS3 + NP3 + RMF3)	TYPE 6	ALUMINIUM

^{*}only for EVAC501-48LED



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.