

AIRCRAFT WARNING LIGHTS AND A.W.L. CONTROL PANELS

Explosion Proof Electrical Equipment

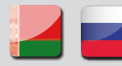


Ex Lighting

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

AWL

AWL



	OBSTRUCTION LIGHTING FIXTURE			
	ATEX 94/9/EC	IEC Ex - INMETRO	GOST-R (RTR / RTN)	GOST-K
EXECUTION	⊕ G Ex db IIC T6...T4 Gb ⊕ II 2 D Ex tb IIIC T85°C...T135°C Db	Ex db IIC T6...T4 Gb Ex tb IIIC T85°C...T135°C Db	1Ex d IIC T6 (T5...T2) X DIP A21 TA (80...135)°C	1Ex d IIC T6 (T5...T4) X DIP A21 TA (80...135)°C
AMBIENT TEMPERATURE	-60°C ÷ +60°C	-60°C ÷ +60°C	-60°C ÷ +60°C	-60°C ÷ +60°C
PROTECTION DEGREE	IP66	IP66	IP66	IP66
CERTIFICATE REF.	INERIS 01 ATEX 0054X	-	POCC IT. ME92.B02923	No. 07/43-269
RULES OF COMPLIANCE	EN 60079-0:2009; EN 60079-1:2007; EN 60079-7:2008; EN 60079-31:2009;	IEC 60079-0:2007; IEC 60079-1:2007; IEC 60079-31:2008;	ГОСТ Р МЭК 60079-0:2011; ГОСТ Р МЭК 61241-0:2007; ГОСТ Р МЭК 61241-1:2004;	ГОСТ Р 51330.0 / 1 / 8 / 14-99; ГОСТ Р МЭК 61241-1-1-2002

	CONTROL PANEL			
	ATEX 94/9/EC	IEC Ex - INMETRO	GOST-R (RTR / RTN)	GOST-K
EXECUTION	⊕ II 2 G Ex db IIB+H2 / IIC T6...T3 ⊕ II 2 D Ex tb IIIC T85°C...T200°C	Ex db IIB+H2 / IIC T6...T3 Ex tb IIIC T85°C...T200°C	1 Ex d IIB+H2 / IIC T6...T3 Ex tD A21 IIIC T85°C...T200°C	1 Ex d IIB+H2 / IIC T6...T3 Ex tD A21 IIIC T85°C...T200°C
INSTALLATION	ZONE 1 / 2 - ZONE 21 / 22	ZONE 1 / 2 - ZONE 21 / 22	ZONE 1 / 2 - ZONE 21 / 22	ZONE 1 / 2 - ZONE 21 / 22
PROTECTION DEGREE	IP66	IP66	IP66	IP66
RULES OF COMPLIANCE	EN 60079-0:2009; EN 60079-1:2007; EN 60079-7:2008; EN 60079-31:2009;	IEC 60079-0:2007; IEC 60079-1:2007; IEC 60079-31:2008;	ГОСТ Р МЭК 60079-0:2011; ГОСТ Р МЭК 61241-0:2007; ГОСТ Р МЭК 61241-1:2004;	ГОСТ Р 51330.0 / 1 / 8 / 14-99; ГОСТ Р МЭК 61241-1-1-2002;

Mechanical characteristics

Body	marine grade copper free aluminium
Globe	high-temperature resistant borosilicate glass
Fresnel len	shock proof acrylic material suitable for high temperatures
Painting	external epoxy powders grey RAL-9006 colour
Screws	external stainless steel
Gaskets	silicon rubber
Cable entry	3/4" NPT size threaded

Electrical characteristics

Lampholders	porcelain E27 size
Internal wiring	high-temperature resistant silicon rubber insulation cables
Terminals	suitable up to 4mm/sq cables
Medium intensity	flashing obstruction light 1450 / 2000 cd intensity (over than 45mt distance)
Low intensity	steady obstruction light 30 cd intensity (less than 45mt distance)
Construction	single awl - twin awl (1 main + 1 spare) in according to ICAO directive

ON REQUEST ACCESSORIES:

- Galvanized steel wire protection guard
- Stainless steel wire protection guard
- Aircraft Warning Lights and control panel support manufactured in according to customer specification
- External painting colour on request
- Threaded cable entry different than standard
- Xenoflash 6j lamp
- Electronic with voltage supply different than standard

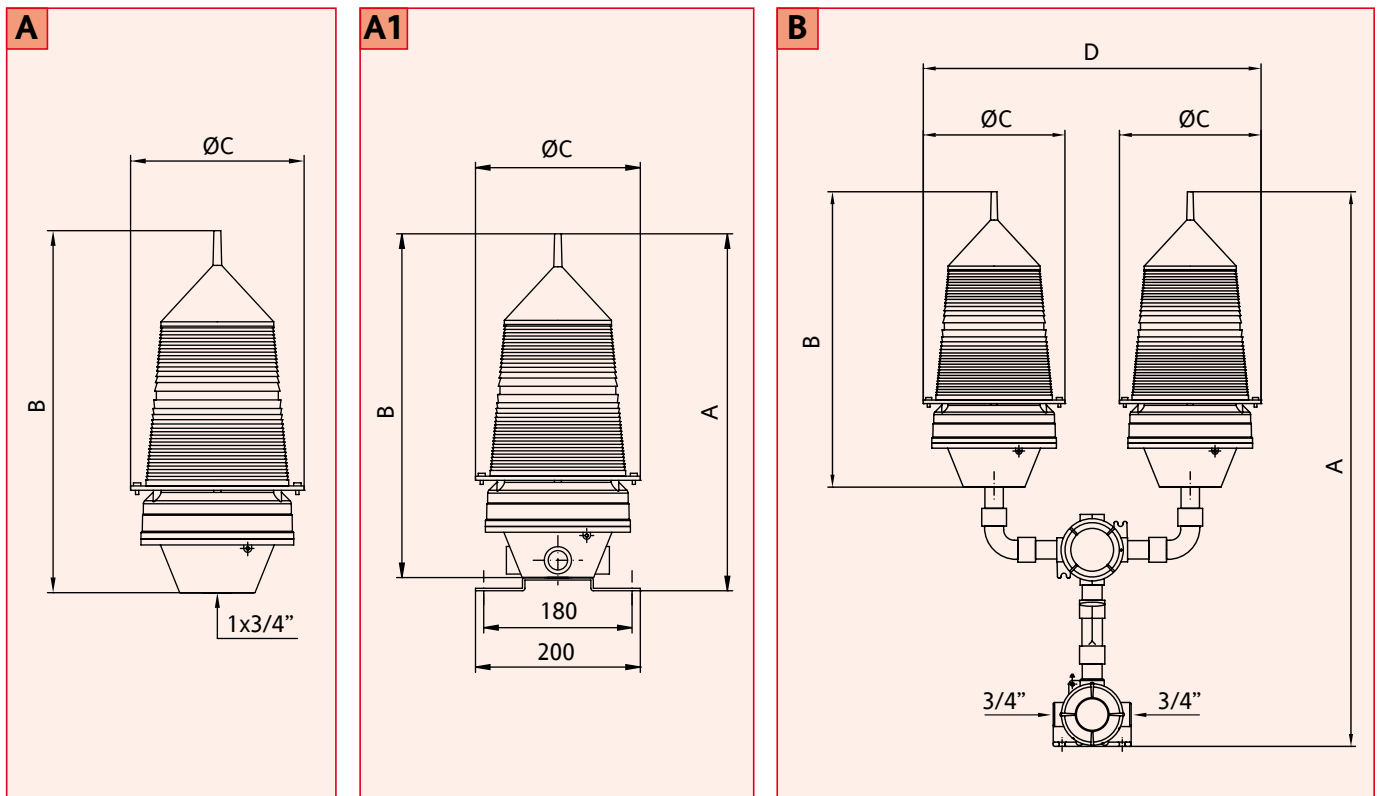
AWL Technical data

CODE	LAMP TYPE	TEMPERATURE CLASS (GAS)	TEMPERATURE CLASS (DUSTS)	FLASHING [x/min.]	LAMPHOLDER	CABLE ENTRY SIZE	DETAIL
EVAC201-F	100W INCANDESCENT	T4	T 130°C	-	E-27	1 x 3/4"	A
EVAC200-F	100W INCANDESCENT	T4	T 130°C	-	E-27	2 x 3/4"	A-1
EVAC201-XF	2J XENOFASH	T6	T 85°C	65 ± 10	E-27	1 x 3/4"	C
EVAC200-XF	2J XENOFASH	T6	T 85°C	65 ± 10	E-27	2 x 3/4"	C-1
EVAC201-F2R	2 x 100W INCAND.	T4	T 130°C	-	E-27	1 x 3/4"	B
EVAC201-XF2R	2 x XENOFASH 2J	T6	T 85°C	65 ± 10	E-27	2 x 3/4"	D
EVAC301-25R	40W INCANDESCENT	T4	T 130°C	-	E-27	1 x 3/4"	C
EVAC300-25R	40W INCANDESCENT	T4	T 130°C	-	E-27	2 x 3/4"	C-1

AWL Technical features

CODE	A [mm]	B [mm]	Ø C [mm]	D [mm]	WEIGHT [Kg]	CABLE ENTRY	DETAIL
EVAC201-F	-	415	200	-	4,50	1 x 3/4"	A
EVAC200-F	430	415	200	-	4,50	2 x 3/4"	A-1
EVAC201-XF	-	260	176	-	4,50	1 x 3/4"	C
EVAC200-XF	280	260	176	-	4,00	2 x 3/4"	C-1
EVAC201-F2R	790	415	200	475	9,00	2 x 3/4"	B
EVAC201-XF2R	630	260	176	453	8,00	2 x 3/4"	D
EVAC301-25R	345	322	197	-	7,00	1 x 3/4"	C
EVAC300-25R	-	322	197	-	7,00	2 x 3/4"	C-1

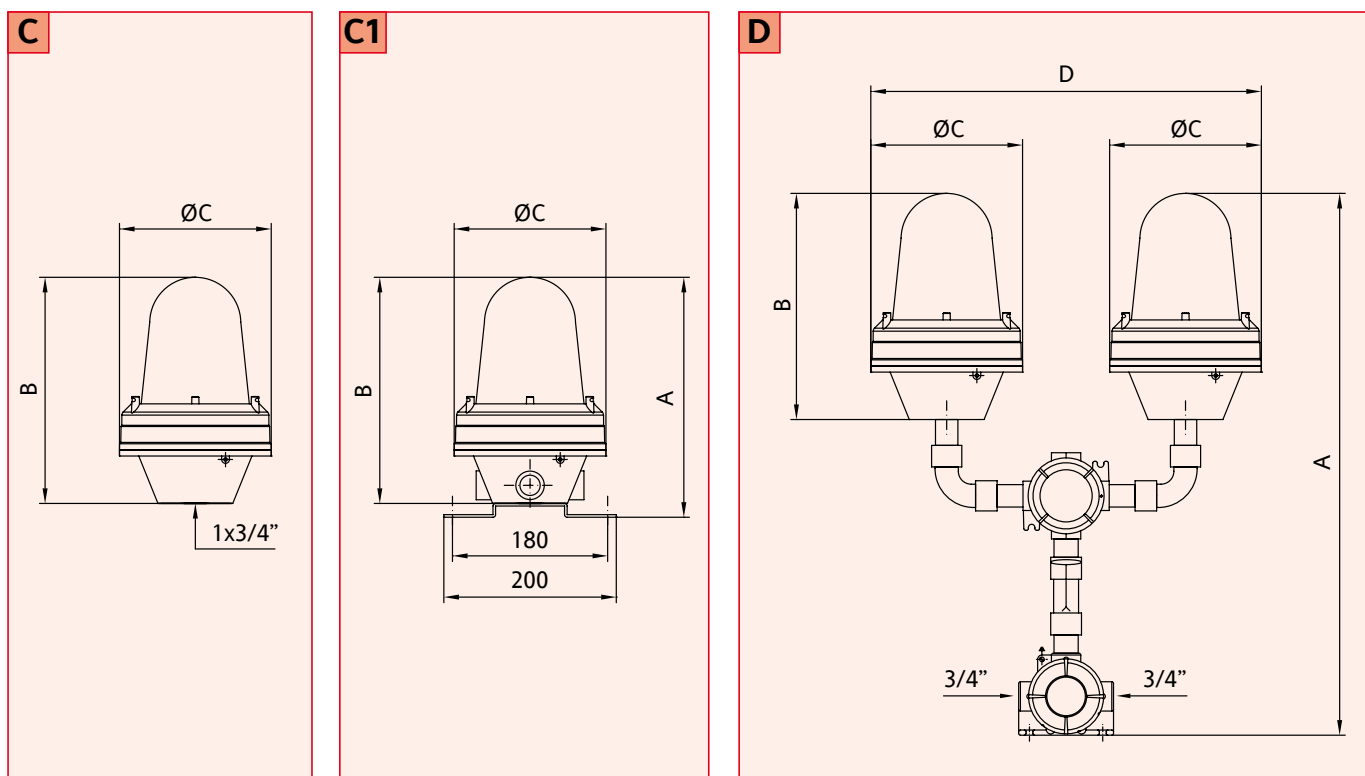
Reference details



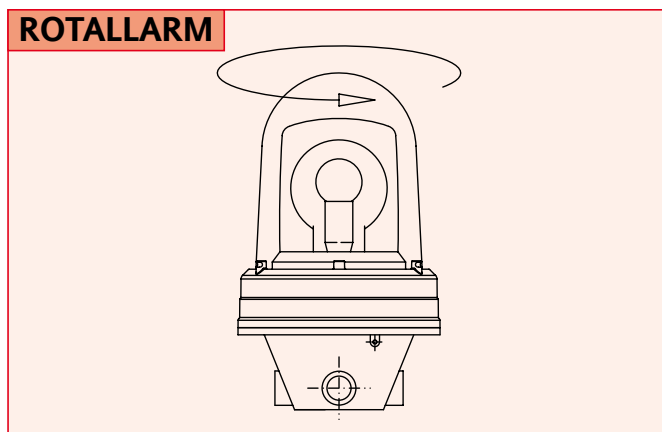
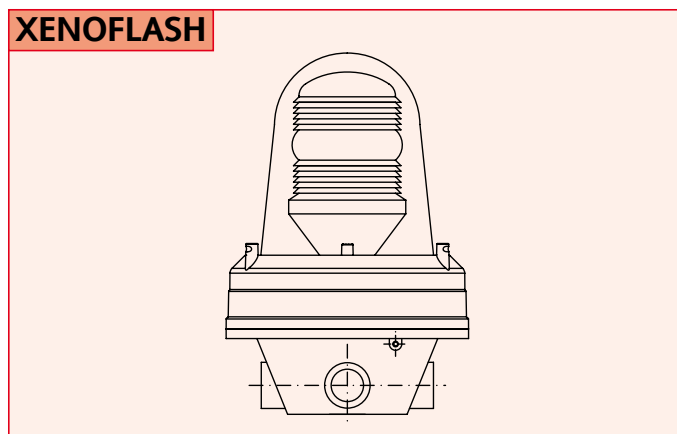
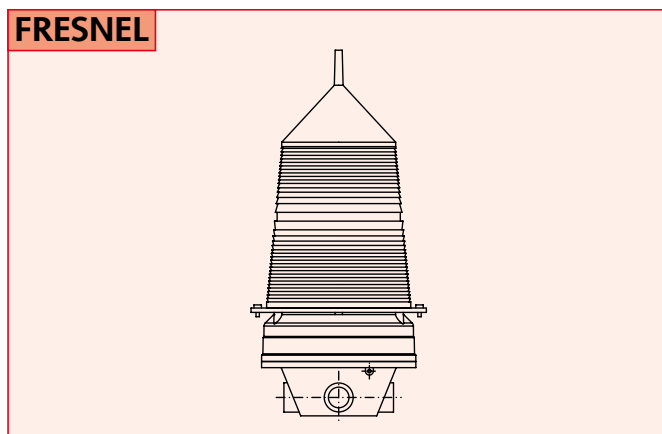
AWL Technical features

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Reference details



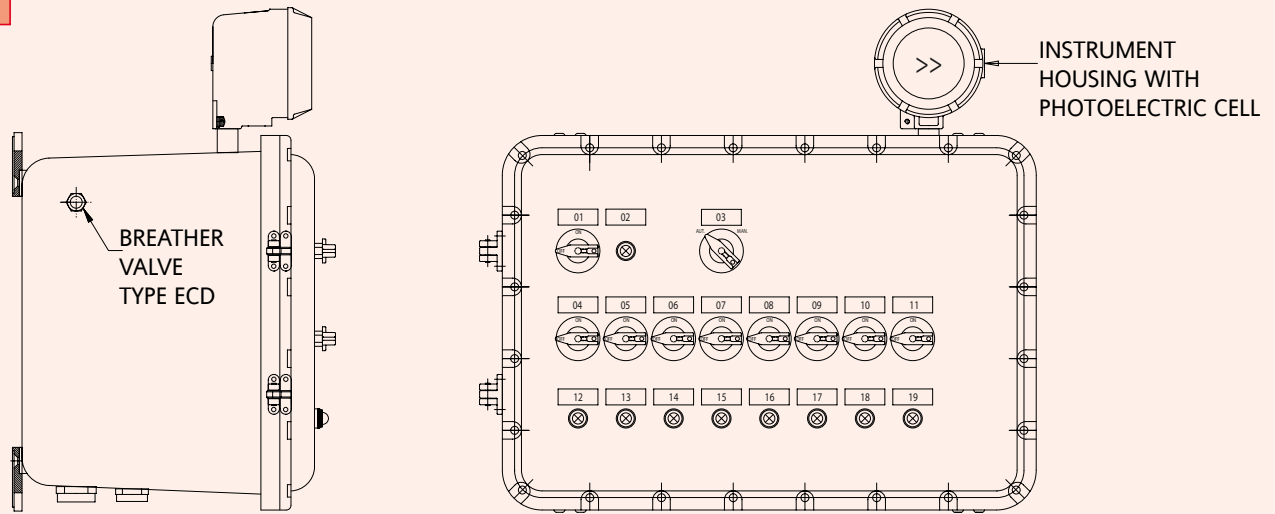
Aircraft warning lights models



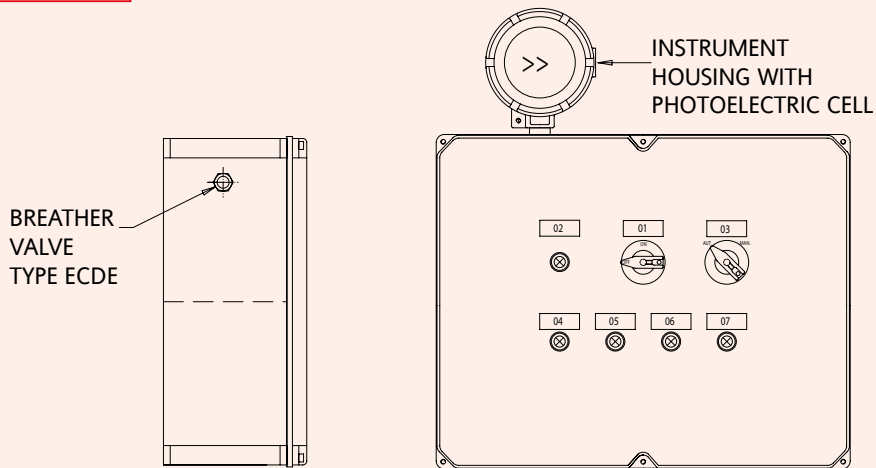
AWL Control panels

AWL

EX d



WEATHERPROOF IP66



EVAC On request accessories

CODE	DESCRIPTION	MATERIAL
20302.0075	EVAC 200 / 201 SIZE STANDARD PROTECTION GUARD	GALVANIZED STEEL
20302.0076	EVAC 300 / 301 SIZE STANDARD PROTECTION GUARD	GALVANIZED STEEL
20302.0038	EVAC 200 / 201 SIZE STAINLESS STEEL PROTECTION GUARD	STAINLESS STEEL
20302.0039	EVAC 300 / 301 SIZE STAINLESS STEEL PROTECTION GUARD	STAINLESS STEEL
20302.0078	STRUCTURE MOUNTING KIT C/W HARDWARE	AISI 316L STAINLESS STEEL
1030.00055	RED FRESNEL LEN Ø155mm	PLASTIC
1030.00186	ORANGE FRESNEL LEN Ø155mm	PLASTIC
1030.00211	GREEN FRESNEL LEN Ø155mm	PLASTIC
1030.00213	WHITE FRESNEL LEN Ø155mm	PLASTIC

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.