

## VISUAL SIGNAL

# EVCC.. series - MIOL (Medium intensity obstruction lighting) - Copper free aluminium



- The EVCC-5/...LED range of medium intensity obstruction lighting represents the top of technology, using LED technology to deliver low heat dissipation, low watt consumption and up to 100.000/hours maintenance free operation.
- Aircraft warning lighting fixtures EVCC-5/...LED are multi-light source using high-power LEDs with wide beam.
- The product is fully compliant with ICAO Annex 14, which requires that structures over 45m should incorporate medium intensity lighting fixtures
- Available LED colours: RED, WHITE or RED and WHITE.

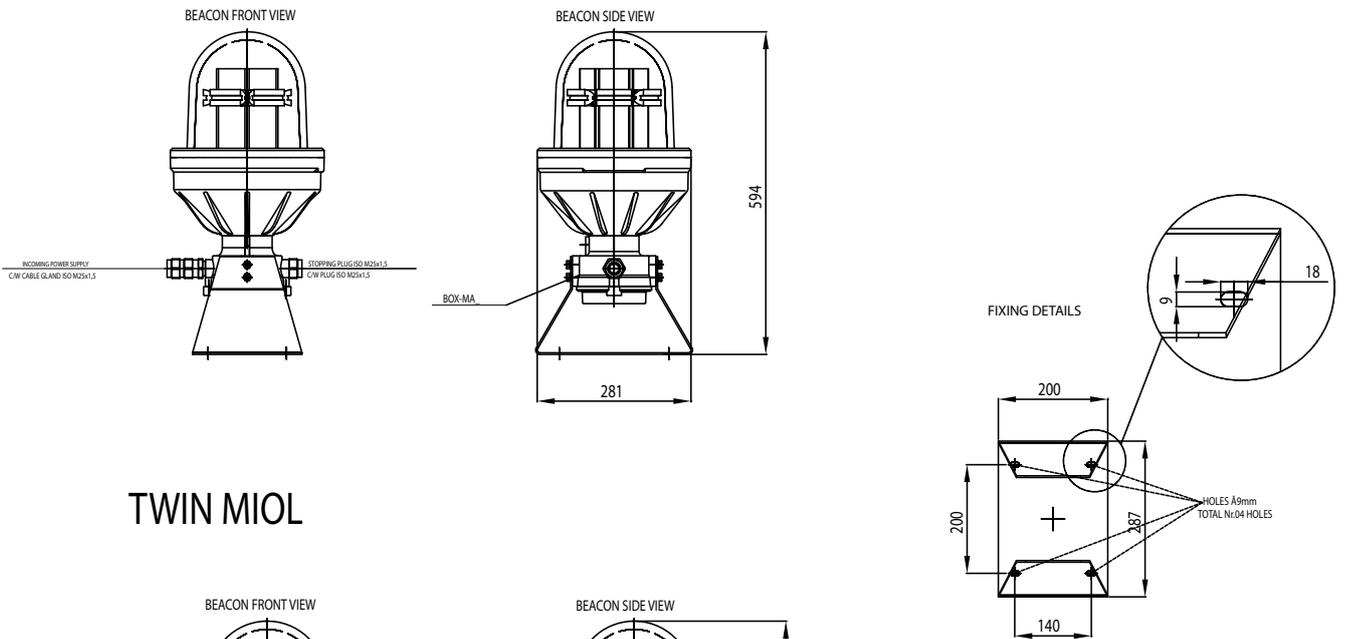
## TECHNICAL FEATURES

<b>Material</b>	Copper-free aluminium
<b>IP rating</b>	IP66
<b>Ambient temperature range</b>	-50°C to +55°C
<b>Approvals</b>	ATEX: INERIS 01ATEX0019X - IECEx: INE 15.0031X EAC: RU C-IT.BH02.B.00616/20 – ECAS: 21-04-10282 E21-04-021858
<b>Marking</b>	II 2 GD Ex d IIC T(**) Gb Ex tb IIIC T(**) Db IP66 ** T4/T135°C
<b>Compliance</b>	III 3 G Ex nA IIC T3 Gc ICAO/FAA (upon request)
<b>Gaskets</b>	O-ring made of Nitrile Rubber (NBR)
<b>Surface treatment</b>	Polyurethane painting cycle - Blue colour RAL5014 (other colour available upon request)
<b>Entries</b>	N° 1 entry 3/4" UNI-6125 complete with nickel chrome plated brass PAP type (Old version) N° 1 entry M20x1,5 complete with nickel chrome plated brass PAP type (New version Ex d)
<b>Included accessories</b>	AISI304 Stainless steel external hardware and screws
<b>Lamps</b>	LED Included
<b>Colour</b>	RED, WHITE or RED and WHITE
<b>Rated operation voltage (UE)</b>	230Vac 220/240Vac 24Vdc
<b>Frequency (AC version)</b>	50/60Hz

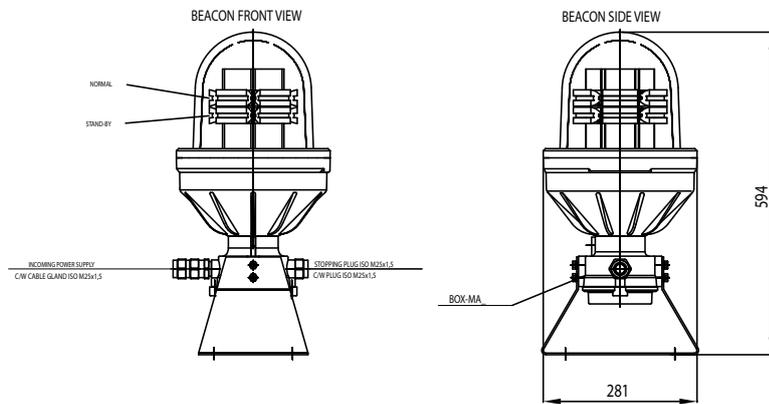


## Dimensions EVCC.. (MIOL) - Ex de version

### SINGLE MIOL



### TWIN MIOL



## EVCC.. (MIOL) Medium intensity aircraft warning lights (NEW VERSION)

TYPE	CODE	LAMP [W]	MIOL TYPE	WEIGHT [kg]	TEMP. CLASS	PROTECTION	VOLTAGE
EVDE-5/LED	A04E121AW1K1D	RED <sup>[1]</sup>	B - SINGLE	11 kg	T4	EX-DE	BY CONTROL PANEL <sup>[5]</sup>
EVDE-5/LED	A04F121AW6K1D	WHITE <sup>[2]</sup>	A - SINGLE	11 kg	T4	EX-DE	BY CONTROL PANEL <sup>[5]</sup>
EVDE-5/LED	A04H121AW1K1D	RED <sup>[1]</sup>	B - TWIN	11,5 kg	T4	EX-DE	BY CONTROL PANEL <sup>[5]</sup>
EVDE-5/LED	A04I121AW6K1D	WHITE <sup>[2]</sup>	A - TWIN	11,5 kg	T4	EX-DE	BY CONTROL PANEL <sup>[5]</sup>
EVDE-5/LED	A04L121AW8K1D	RED & WHITE <sup>[3]</sup>	AB - SINGLE <sup>[4]</sup>	11,5 kg	T4	EX-DE	BY CONTROL PANEL <sup>[5]</sup>

[1] 2.000cd night mode, RED flashing

[2] 20.000cd day mode, WHITE flashing/2.000cd night mode, WHITE flashing

[3] 20.000cd day mode, WHITE flashing/2.000cd night mode, RED flashing

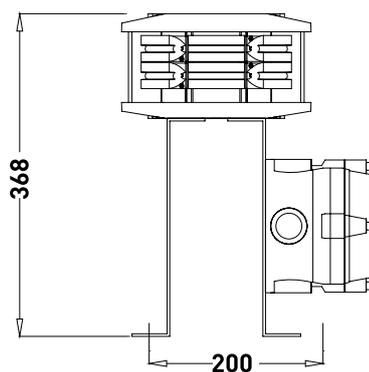
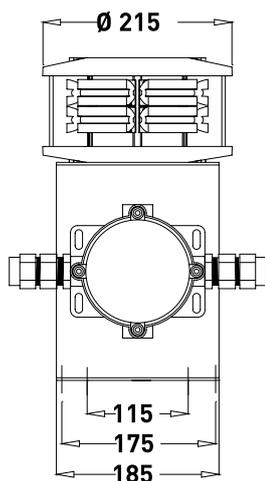
[4] TWIN model available upon request

[5] to be ordered separately

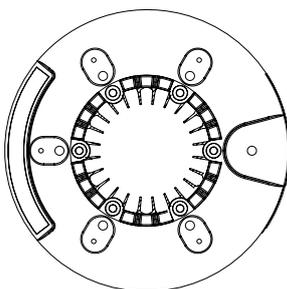
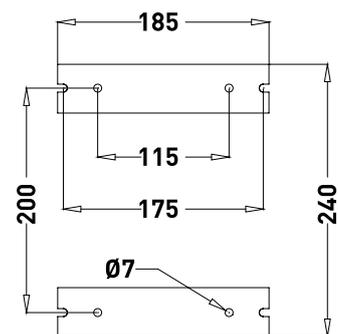
Additional features:

- the AWL system consists of lighting fixtures and respective panel board (custom made on the base of the system design)
- flashing is given by electronic card housed inside the control panel
- heat shield suggested for ambient temperature over +45°C

## Dimensions EVCC.. (MIOL) – Ex nA version



### FIXING DETAILS



## EVCC.. (MIOL) Medium intensity aircraft warning lights (NEW VERSION)

TYPE	CODE	LAMP [W]	MIOL TYPE	WEIGHT [kg]	TEMP. CLASS	PROTECTION	VOLTAGE
EVCC-5/LED		(RED) <sup>(1)</sup>	B	3	T3	Ex-nA	<sup>(5)</sup>
EVCC-5/LED		(RED) <sup>(2)</sup>	B	3	T3	Ex-nA	<sup>(5)</sup>
EVCC-5/LED		(WHITE) <sup>(3)</sup>	A	3,7	T3	Ex-nA	<sup>(5)</sup>
EVCC-5/LED		(RED & WHITE) <sup>(4)</sup>	AB	4,9	T3	Ex-nA	<sup>(5)</sup>

(1) 9,3W (@20fpm)/12,9 (@20fpm); 2000cd

(2) 3,1W (@20fpm)/5,7 (@20fpm); 2000cd

(3) 51W Day mode/12,9W Nigh mode (@20fpm)/90W Day mode/23W Nigh mode (@40fpm)/20.000cd Day mode/2.000cd Nigh mode

(4) 57W Day mode/21W Nigh mode (@20fpm)/96W Day mode/24W Nigh mode (@40fpm)/20.000cd Day mode/2.000cd Nigh mode

(5) By control panel to be ordered separately