

ELECTRICAL OBSTRUCTION LIGHTS

AVIATION LIGHTS

IV-10A (ICAO Low Intensity, Type A, 10Cd)

IV-32B (ICAO Low Intensity, Type B, 32Cd)

IV-32E (ICAO Low Intensity, Type E, 32Cd)

GENERAL DESCRIPTION

ELECTRICAL powered obstruction lights. LED technology. Includes lighting head and control electronics inside. "All in One" device.

Designed for use in meteorological and telecommunications towers, cranes, chimneys, bridges, wind turbines or any structure up to 45m high, as well as in airports, marinas and ports.

BENEFITS

"All in One" device, no external boxes or another components are needed.

- Configurator option: Remote "IV-CRF" configurator option to change the mode and/or operation of the beacon.
- Remote LoRaWAN® monitoring and managing option.
- Fast and easy connection.
- No maintenance costs.
- Easy to use. Put the switch "ON" and it will work for more than five years.

UPS OPTION: Rechargeable battery inside. The beacon will continue to shine during the hours of battery autonomy if there is an electrical power cut. Developed for places with risk of power cuts, or need of place the beacon where there is no electrical connection.



MEET SPECIFICATIONS

ICAO CERTIFICATION: Vol. 1, Annex 14, Vol. I, (7th edition, 12/17), STAC-DGAC Nr. 2018-075/OBS.

UNE EN 61000-4-3
(Electromagnetic compatibility) / UNE 20-324-93 EN 60520 (ip-66 Code) (Protection grade) / UNE-EN-60068-2-30:00 (Wet heat) / UNE-EN-60068-2-14:00 (Wet heat, Cold-Heat) / NSS ISO 9227:1990 (Corrosion in Salt Fog) / UNE-EN 60068-2-2:97 (Dry hot 80) / UNE-EN 50102:96 A1:99 (IK08 Protection grade) / UNE-EN 60068-2-1:96 (Climatic chamber at -33) / UNE-EN 12352:2000 (Lighting device L2L class) / Made in European Union

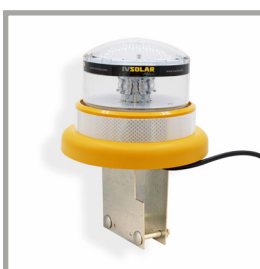
ANCHORAGES



Side brackets



New Jersey



Fence



Cone



Airport deflector
(45° inclination)

TECHNICAL SPECIFICATIONS

Model	IV-10A	IV-32B	IV-32E
ICAO Certification	ICAO Type A	ICAO Type B	ICAO Type E
Power Supply	Electrical (100 to 240 VAC, 10 to 30VDC)		
Intensity	>10Cd	>32Cd	>32Cd
Consumption	<1W		
Twilight sensor	Yes		
Batteries (UPS Option only)	2 Batteries pack. (I.A.T.A., F.A.A, D.O.T. and C.A.B. approved)		
Replaceable Batts. (UPS Option only)	Yes		
Batteries autonomy (UPS Option only. 100% battery charge)	120 hours	40 hours	120 hours
RF Configurator (Option)	433 KHz		
Light source	5 high intensity LED, 100.000 lifespan		
Vertical angle	10°		
Horizontal angle	360°		
Operating lifespan	5 years (except extreme climatology)		
Operating temperature	-20° to +50°		
Telecommunications	LoRaWAN / GPRS		
Protective dome	PMMA, UV protection		
Housing	Luran (corrosion, impacts, UV radiation, salinity protected)		
Mechanical fixation	2x bolts, M10, 10cm from center to center		
Protection grade	IP66, IK08		
Dimensions	233 x 233 x 178mm		
Weigth	3,4Kg with standard batteries		

OPTIONS:

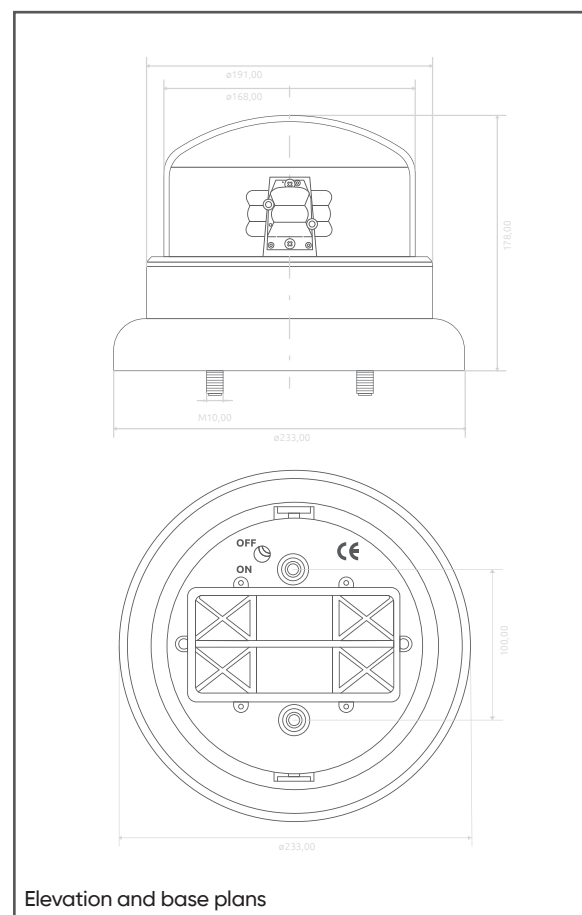
RF Configurator: Remote "IV-CRF" configurator option to change the beacon's mode and/or operation (steady light / flashing / only night / 24)

Telecommunications: It can be integrated into the **IV-Manager System** environment for beacon management and monitoring from a remote location.

Fault alarm: Option, through "Dry contact" connectable to datalogger.

Flash synchronization: GPS synchronization option.

Certificates:



Elevation and base plans