



## SICE TYPE L810-PV-EX2 ZONE 2 SOLAR POWERED STAND-ALONE AIRCRAFT WARNING LIGHT



### General description

Low Intensity Obstruction Light (Aircraft Warning Light), completely autonomous system, solar powered, having high efficiency and low power consumption. Suitable for installation in classified area of Zone 2. It can be used to warn the presence of obstacles up to 45m high, such as offshore platforms, refineries, chimneys, flares and other structures. Very compact and stand-alone skid that is supplied fully assembled, with all components installed, connected and tested. This system is supplied ready for use, assures an easy installation and does not require maintenance. This system is composed as follows:

- Aircraft Warning Light, LED technology, low power consumption, very long life expectancy
- Solar panel(s). One or two polycrystalline solar panel(s) can be installed in the system
- Battery block, VRLA type suitable for solar system. Sized for minimum 4 days of autonomy (4 no sun days)
- Battery box, made in AISI 316L stainless steel not painted
- Junction box containing Power Isolator & Solar Charge Regulator. Made in AISI 316L stainless steel not painted
- Mechanical standalone structure made in AISI 316L stainless steel not painted

### Main technical data valid for all type:

- Red steady burning light
- Working voltage: 12Vdc (or 24Vdc)
- Automatic activation/deactivation by photocell (or by solar panel night/daily detection)
- Low Battery Voltage Protection included in the control system
- Suitable for Zone 2 installation
- Mechanical protection for Light: IP66
- Mechanical protection for Solar Panel j. box: IP66
- Mechanical protection for Power Isolator and Charge Regulator j. box: IP66
- Mechanical protection for Battery & Battery Box: IP56 (total protection for enclosure + battery poles connection)
- Operating temperature: from -20°C to +50°C (valid for all components)
- Very long life expectancy
- Suitable for floor mounting
- Including fixing accessories (bolt and nuts) made in A4 material

### Available options:

- Complete with one solar panel, suitable for marking a fixed obstacle
- Complete with two solar panels, mounted at 180 degrees, suitable for marking also moving obstacles (as rig legs)
- Compliant with ICAO LIOL A ( $\geq 10\text{cd}$ )
- Compliant with ICAO LIOL B ( $\geq 32\text{cd}$ )
- Compliant with CAP 168 Group A ( $\geq 10\text{cd}$ )
- Compliant with CAP 168 Group B ( $\geq 200\text{cd}$ )
- Suitable to be installed in UAE areas or in other areas with similar or better climate conditions (\*)
- Suitable to be installed in North China areas or in other areas with similar or better climate conditions (\*)

(\*) SICE is able to manufacture this equipment in compliance with Customer needs and expected installation areas.

*Document can be subjected to modifications, without prior notice*

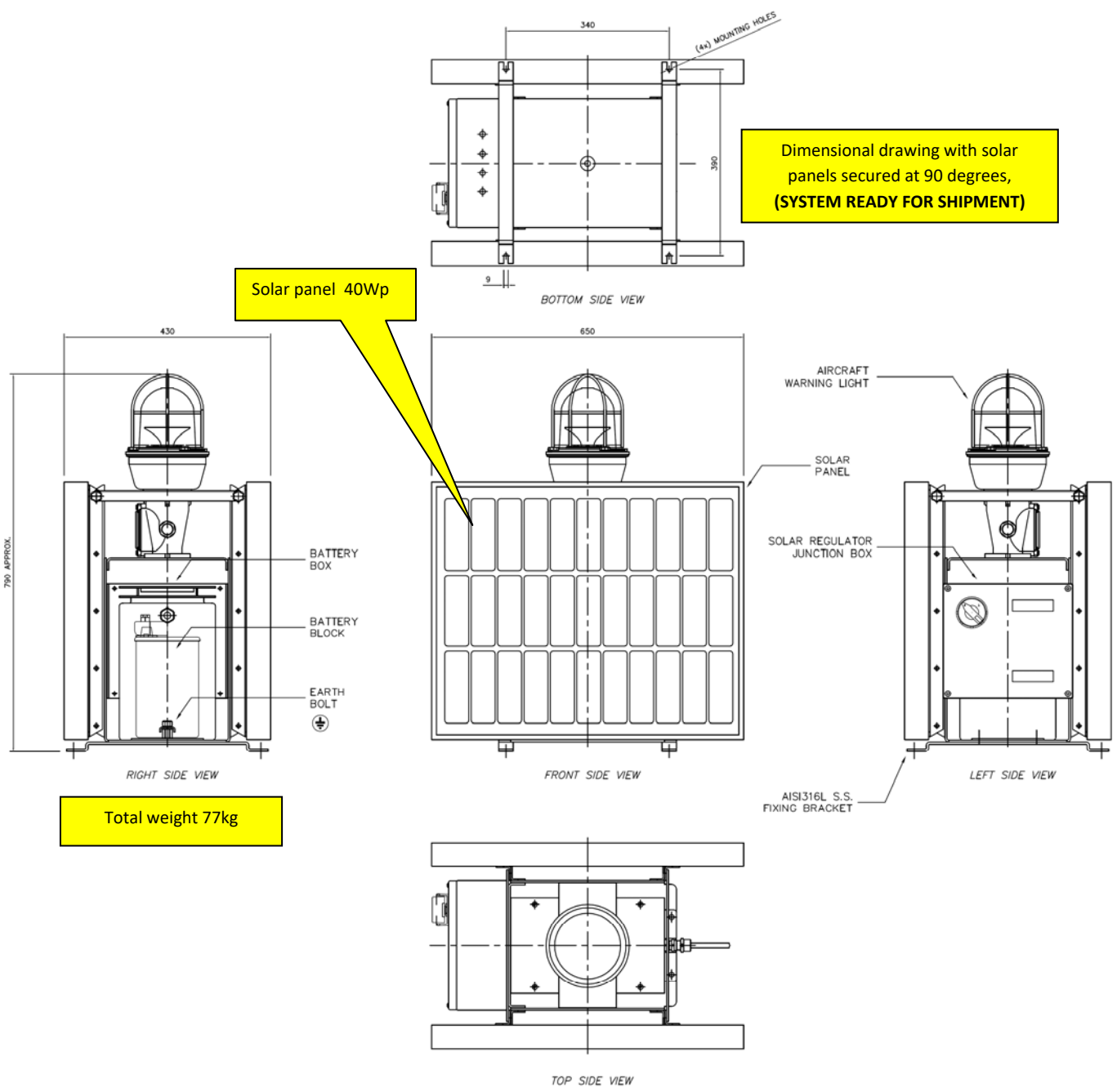


**SICE TYPE L810-PV-EX2  
ZONE 2 SOLAR POWERED STAND-ALONE AIRCRAFT WARNING LIGHT**

**SYSTEM THAT IS SUITABLE TO MARK ALSO A MOVING OBSTACLE**

Equipped with two solar panels of 40Wp each, mounted at 180 degrees in order to avoid the problems due to the rotation of the obstacle that has to be marked. The Aircraft Warning Light is compliant with CAP 168 Group B ( $\geq 200\text{cd}$ ) and the battery is VRLA 60Ah

*This system is suitable to be installed in UAE area or in other areas with similar or better climate conditions*

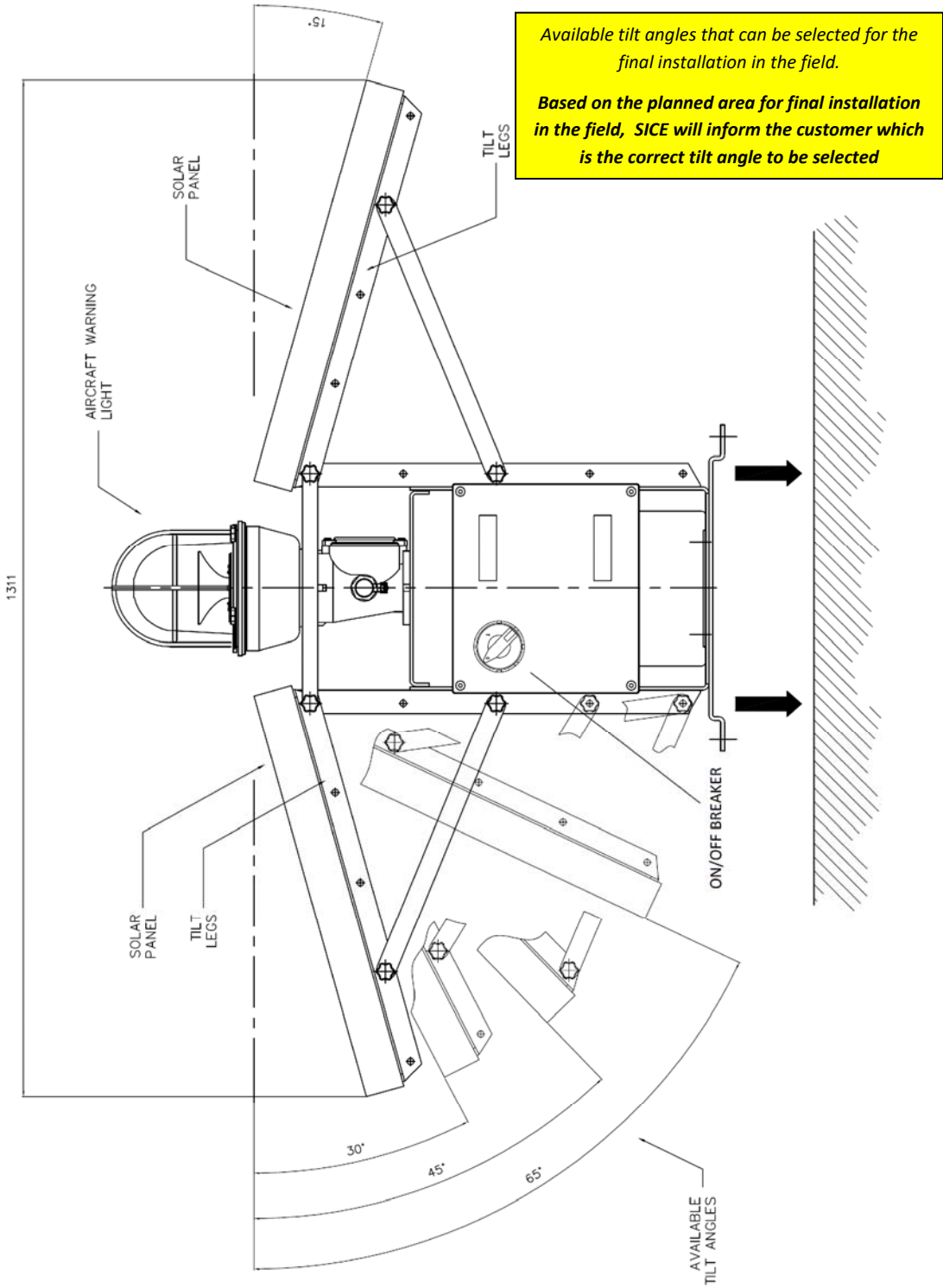


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ZONE 2 SOLAR POWERED STAND-ALONE AIRCRAFT WARNING LIGHT**

**SYSTEM THAT IS SUITABLE TO MARK ALSO A MOVING OBSTACLE FOR UAE AREA**  
Equipped with two solar panels (40Wp each), with CAP 168 Group B ( $\geq 200cd$ ) Aircraft Warning Light and with VRLA 60Ah Battery

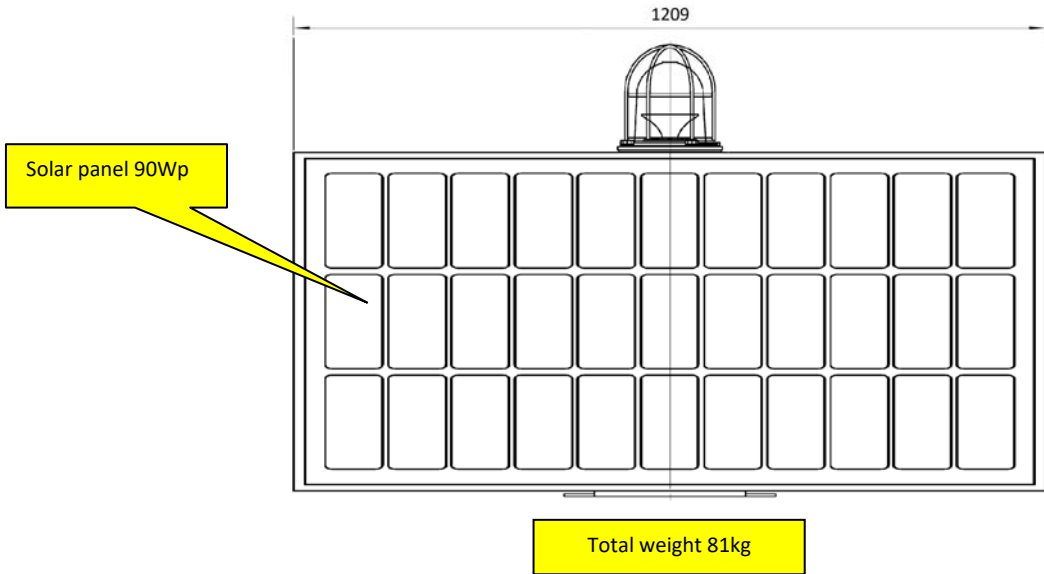
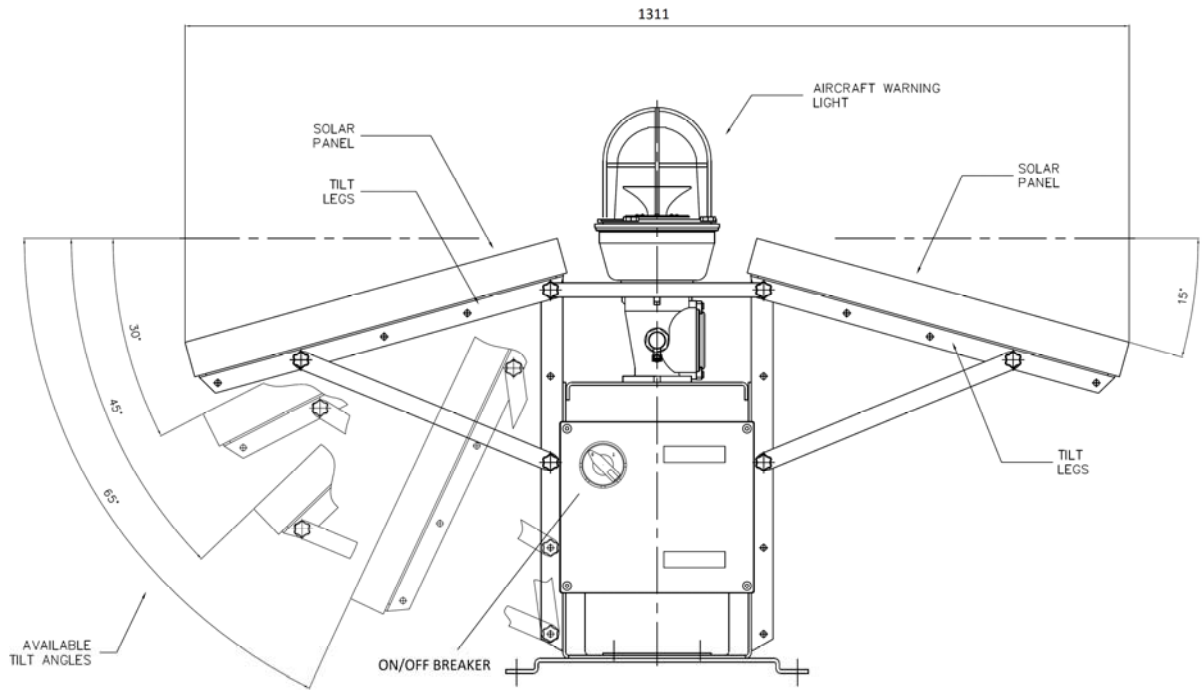


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**SICE TYPE L810-PV-EX2  
ZONE 2 SOLAR POWERED STAND-ALONE AIRCRAFT WARNING LIGHT**

**SYSTEM THAT IS SUITABLE TO MARK ALSO A MOVING OBSTACLE FOR NORTH CHINA AREA**  
 Equipped with two solar panels (90Wp each), with CAP 168 Group B ( $\geq 200\text{cd}$ ) Aircraft Warning Light and VRLA 60Ah battery  
*This system is suitable to be installed in the North of China or in other areas with similar or better climate conditions*



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