Low intensity obstruction lights are used to warn of the presence of obstacles up to a height of 45 meters, in accordance with the requirements of ICAO Annex 14.

The omni-directional, low intensity, steady burning red obstruction light is fitted to the highest point of the installation.

Features
❖ Cost effective, energy efficient obstruction lighting solution
❖ LED technology reduces maintenance time and costs
❖ Robust design for use in harsh environments
❖ Single or double unit configuration
❖ Type A and Type B intensity
❖ Can be installed on a rigid baseplate
❖ The Double L-810 is configured with a fault detection and day/night sensor
❖ Optional combined visual/IR for NVG

Applications
Low Intensity Obstruction Light for marking top of obstacles that do not exceed 45 metres in height, such as wind turbines, telecom towers, power lines, chimneys, steeples, high-mast lighting towers, cranes, bridges, high rise buildings.

Technical data

Performance
Light output: LED
Power: 5W single, 10W double
Peak intensity (Cd): Complies with ICAO Type A or Type B
Input voltage: 110-240V AC or 12-48V DC
Ambient temp: -25°C to +65°C

Optoelectronics
LED Type: Osram
Circuit Board: MPCB 1.6 mm
Colour: Red
IR: Optional

Optics
Lens: UV coated polycarbonate
Refraction: Pseudosphere

Luminaire Body
Material: Aluminium, powder coated
Length: 269mm
Width: 120mm
Height: 205mm
Weight: 4.6 Kg
Structure: Rigid
Colour: White (RAL 9010), Blue (RAL 5015)
Product life expectancy: >10 years
Warranty: 5 years
Wind speed: Up to 240kph / 150mph

Compliance
Regulation: ICAO, FAA, EASA, MOS139, CAP168

Normative reference
ICAO Aerodromes - Annex 14 Volume 1, Chapter 6: Low intensity, Type A-B steady burning obstacle light.
FAA AC150/5345-43F E.B. #67 type L-810.
EASA CS-ADR-DSN Chapter Q.
Dimensions

![Diagram of DLI OBS Double Low Intensity Obstruction Light](image)

### Light output

![Graph showing light intensity vs elevation](image)

### Ordering codes

<table>
<thead>
<tr>
<th>Product family</th>
<th>Colour</th>
<th>Voltage input</th>
<th>Burning</th>
<th>Type</th>
<th>Body colour</th>
<th>Optional</th>
</tr>
</thead>
<tbody>
<tr>
<td>DL (low intensity)</td>
<td>RD (Red)</td>
<td>AC (120-240V)</td>
<td>S (Steady)</td>
<td>A (Type A)</td>
<td>W (White)</td>
<td></td>
</tr>
<tr>
<td>IR (Infrared)</td>
<td>DC (12-24V)</td>
<td>F (Flashing)</td>
<td>B (Type B)</td>
<td>M (Military)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ID (Red/Infrared)</td>
<td></td>
<td></td>
<td></td>
<td>C (Custom)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Example: DL-RDACSAW