Red flashing obstacle light for night time marking of structures that present a hazard to aviation. Red flashing / steady in night mode. Incorporates the benefits of advanced LED, optical and system control technologies to meet the most demanding applications.

**KEY FEATURES**
- Five year warranty
- Housing based on 30 years of experience offshore product design experience
- Lightweight and easy to install
- Extremely low wind factor
- Integrated design with built-in photocell and monitoring – no additional power supply enclosures required
- No maintenance required over service life
- Orga optical design produces highly accurate and uniform narrow light beam
- Optional integrated GPS based flash synchronisation between lights. UTC 0.0.0
- Extremely low power consumption
- 15 year field proven power supply technology
- Long life power supply to match LED life, does not use electrolytic capacitors
- Made in the Netherlands

**STANDARDS/CERTIFICATION**
- Certified to ICAO Annex 14 Volume 1, Sixth Edition, July 2013, Chapter 6, Medium Intensity Type B / C obstacle light
- Certified to AVV (German “General Administrative Regulation for the marking and lighting of obstacles to air navigation”) “Feuer W, rot”
- Certified to French “Arrêté du 23 avril 2018 relatif à la réalisation du balisage des obstacles à la navigation aérienne”
- Various national approvals available upon request

**PERFORMANCE CHARACTERISTICS**
- Horizontal beam pattern: 360°
- Flashing: see table
- Effective intensity: see table
- Vertical beam pattern: 3° minimum

**ELECTRICAL CHARACTERISTICS**
- Operating voltage: 120-240 Vac nominal 50-60 Hz
- Power factor: >0.8
- Power consumption: see table
- Overvoltage protection: Class III according to IEC61643-1

**PHYSICAL CHARACTERISTICS**
- Dimensions: L x W x H: see drawing
- Weight: 12 kg
- Design degree of protection: IP65
- Operating temperature range: -40°C/+55 °C
- Shipping information: 550 x 550 x 400 mm; approx. 16 kg
- Supplied with pre-mounted Orga cable for easy installation and high reliability
- Cable bending radius static: 7x cable diameter
- Outer cable diameter: Ø12.5 +/- 0.5 mm
- Cable weight: 260 g/m
- Level indicators for correct mounting

**SYSTEM DESIGN, CONTROL AND MONITORING**
- Use as a stand-alone light, or in a multiple light system with an Orga CIP controller
- Optional Orga CIP controller facilities provides control interfaces for:
  - “smart switch” aircraft detection input
  - Visibility condition variable intensity input
  - Remote photocell control input/override
  - Visibility condition variable intensity input; intensity steps 30 % and 10 %
## L550-xxx-Red

Medium intensity Red LED obstacle light

<table>
<thead>
<tr>
<th>Product</th>
<th>Additional information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td><strong>Light performance</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Day</strong></td>
</tr>
<tr>
<td>L550-63B-G</td>
<td>–</td>
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<tr>
<td>L550-63BD-G</td>
<td>–</td>
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<tr>
<td>L550-63C</td>
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<tr>
<td>L550-63Ca</td>
<td>2.000 cd Steady Red</td>
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<tr>
<td>L550-63CD</td>
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<tr>
<td>L550-63B-ISB-G</td>
<td>2.000 cd 20 fpm Red</td>
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<tr>
<td>L550-FR2-G</td>
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<tr>
<td>L550-FR2-30-G</td>
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<tr>
<td>L550-GFW-G</td>
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<tr>
<td>L550-GFW-ES-G</td>
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</table>
# L550-xxx-Red

Medium intensity Red LED obstacle light

<table>
<thead>
<tr>
<th>Product</th>
<th>Additional information</th>
<th>Light performance</th>
<th>Power consumption (W) @ 20 °C</th>
<th>Standard</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Day</td>
<td>Tw</td>
<td>Night</td>
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<tr>
<td>L550-3E5-W-G</td>
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<td>–</td>
<td>–</td>
<td>2.000 cd “morse W” Red</td>
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<tr>
<td>L550-UK1-G</td>
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<td>–</td>
<td>–</td>
<td>25 cd 20 fpm Red</td>
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<tr>
<td>L550-UK2-G</td>
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<td>–</td>
<td>–</td>
<td>200 cd 20 fpm Red</td>
</tr>
</tbody>
</table>
L550-xxx-Red
Medium intensity Red LED obstacle light