AIRCRAFT WARNING LIGHT SYSTEMS
**AWL System**
- Custom-designed solutions to meet customer’s requirements
- Utilizes LED light technology
- Designed in accordance with the International Civil Aviation Organization (ICAO) and the Federal Aviation Administration (FAA) standards
- Meets ICAO and FAA requirements
- Integrated lights and power supply

**Advanced AWL System**
- Standard AWL System equipment options:
  - Synchronous and catenary flashing between more than one beacon via Ethernet
  - Synchronous and catenary flashing between more than one beacon via satellite
  - Daylight detection
  - Beacon failure detection

**Solar Powered AWL System**
- Utilizes PLP’s solar mounting technology and components
- Pulse-width modulation or maximum PowerPoint tracking controller
- Converter or inverter
- Battery back-up supply
- Photovoltaic solar panels
- Optional communication system

**Conductor AWL System**
- Used near airports and terrain where night warning lights on transmission lines are needed
- Night warning lights are installed directly on the conductor
- Designed in accordance with ICAO and FAA standards
AIRCRAFT WARNING LIGHTS COMPONENTS AND ACCESSORIES

- **Low-Intensity LED Lights**
  - Steady burning red light
  - Long lifetime: 10+ years expectancy
  - Stabilized light output
  - IP65

- **Medium-Intensity LED Lights**
  - Steady-burning red light option or
    - Flashing red light for (20-40 FPM) or
    - Flashing white light (20-40 FPM) in day and night mode
  - Long lifetime: 10+ years expectancy
  - Stabilized light output
  - Inert internal atmosphere
  - Borosilicate cover protection
  - IP66

- **Medium-Intensity LED Lights – White Day/Red Night**
  - Flashing white light for (20-40 FPM) day mode
  - Flashing red light (20-40 FPM) night mode or steady burning red light in night mode
  - Long lifetime: 10+ years expectancy
  - Stabilized light output
  - Inert internal atmosphere
  - Borosilicate cover protection
  - IP66

- **High-Intensity LED Lights**
  - Flashing white light (20-40 FPM) in day and night mode
  - Long lifetime: 10+ years expectancy
  - Stabilized light output
  - Inert internal atmosphere
  - Borosilicate cover protection
  - IP66

- **Medium-Intensity LED Lights – White Day/Red Night**
  - Flashing white light (20-40 FPM) in day and night mode
  - Long lifetime: 10+ years expectancy
  - Stabilized light output
  - Ex certification nr. CESI CESI 03ATEX046
  - Borosilicate cover protection
  - IP66

- **Low-Medium Intensity Explosion-Proof LED Lights**
  - Designed to make overhead power lines visible to low-flying aircraft
  - Available in several sizes and materials
  - Meets ICAO and FAA requirements

- **Solar Panels and Hardware**
  - Commercially available solar panels
  - PLP custom-designed attachment hardware for any mounting situation
  - Inverter, battery, and accessories

- **Communication Hardware**
  - Controller to allow for synchronous and catenary flashing of multiple beacons via Ethernet
  - Controller to allow for synchronous and catenary flashing of multiple beacons via satellite

- **Aircraft Warning Spheres**
  - Designed to make overhead power lines visible to low-flying aircraft
  - Available in several sizes and materials
  - Meets ICAO and FAA requirements

- **Power Supply Control Panel**
  - PSCP available: coated steel box or SS316 stainless steel box
  - Fiberglass IP65 or IP66 protection available
  - Ex protection available: Ex-d; Ex-e; Ex-p
  - Dimensions and content according to the obstruction lights system.
AIRCRAFT WARNING SYSTEMS for:

• Power Transmission Lines and Towers
• Communications Towers
• Wind Turbines
• Buildings
• Chimneys
• Cooling Towers
• Cranes

Integrating the latest LED Light Technology with PLP’s proven Solar Mounting Solutions.