




**Elektro Control Industries**  
*Your Ultimate Engineering Solutions...*

**Reliable safety lights  
with customized  
solutions** 



## LED AVIATION & OBSTRUCTION LIGHTS

*Solar & Ground Powered*



[www.aviation-solar-lights.com](http://www.aviation-solar-lights.com)



**TECHNOLOGY  
RELIABILITY  
PERFORMANCE**



**Elektro Control Industries-ECI** is a high-tech engineering solutions provider company established in 1998. It deals in the design, development and integration of critical systems for the Defense, Industrial & Commercial sectors. It strives to provide “your ultimate engineering solutions” by focusing on quality and a detailed understanding of customer needs. With a demonstrated history of performance, cost and schedule success, It's experienced, innovative & professionally dedicated multi-disciplinary engineering team mitigates program risk and changes problem areas into success.



Elektro Control Industries-ECI is an ISO 9001:2008 certified company, which enables it to produce high quality, user friendly, innovative products with full back up support. It intends to become a leading engineering solutions provider to the defense and commercial sectors by expanding its products range.



## Our Strengths

- We deliver variety of engineering solutions,
- With user friendly technology,
- Cost effective solutions,
- Complete documentary coverage with training,
- Continued follow up support,

We are the reliable partner for all our customers. Our quality policy is on keeping customers satisfied at all times by our performance on product quality, price, on time delivery, communications and beyond meeting our customers' expectations.



We utilize our professional technological competence and sustainable advantages, for businesses.

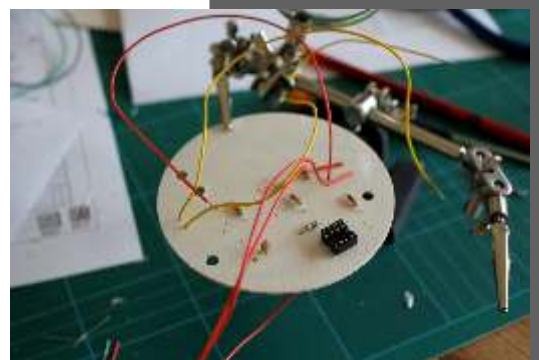
## Vision

Our vision is to become a leading engineering solutions provider company in the defense and commercial sectors at national and international levels by improving our products quality & performance. Our company slogan reflects an organization that is passionate about leading the way in the industry and about delivering premium value to customers. It also reflects the essence of our offering - the power that ensures our customers' businesses keep on running smoothly.



## Mission

The ongoing commitment of Elektro Control Industries-ECI is to provide all its customers with the highest quality of services. It is the policy of the company to ensure our customers' total satisfaction, first time, every time. We are committed to future investment in people through training, development and technology, thus enabling us to maintain continuous improvement and the provision of the best possible services to our customers.



# Aviation & Obstruction Lighting Solution



## LED Aviation Taxiway Light Solar Powered

Model: 7607TWL

Colour	: Blue & Green
Programmed Light Patterns	: Steady State or Flashing
Normal Visible Light Range	: 3.5Km or more
Vertical Divergance	: 0° to 6° Degree
Horizontal Coverage	: 360° Degree
Change of State	: Dusk & Dawn (Auto)
Operating Temperature	: -20°C to +60°C
Input Supply Power	: Solar PV Panel (1.2W)
Light Intensity Max.	: 11 Lux ± 1
Water Proof Level	: As per Ip67
Minimum Autonomy	: 125 Hrs ± 20



## LED Obstruction/Tower Warning Light Solar Powered

Model: 7607OBL

Colour	: Red
Programmed Light Patterns	: Steady State or Flashing
Normal Visible Light Range	: 4Km or more
Vertical Divergance	: 0° to 6° Degree
Horizontal Coverage	: 360° Degree
Change of State	: Dusk & Dawn (Auto)
Operating Temperature	: -20°C to +60°C
Input Supply Power	: Solar PV Panel (1.2W)
Light Intensity Maximum	: 1000 Lux ± 100 (programable at factory)
Water Proof Level	: As per IP67
Minimum Autonomy with one time fully Charged Battery	: (a) 200 Lux ± 25 at 50 Hrs operation (b) 500 Lux ± 50 at 25 Hrs operation (a) 1000 Lux ± 100 at 12 Hrs operation



## LED Obstruction/Tower Warning Light Ground Powered

Model: 7607OBL-G

Power Consumption	: 4W
Effective Intensity	: 2000Lux ± 100Lux
Vertical Divergance	: 0° to 6° Degree
Horizontal Coverage	: 360° Degree
Input Voltage	: 20VDC - 56VDC
Flash Pattern	: Steady State or Flashing (as desired)
Water Proofing	: As per IP66 Standard
Temperature Range	: -20°C to +65°C



## LED Obstruction/Tower Warning Light Ground Powered

Model: ECI-OL32-LED

Power Consumption	: 4W
Effective Intensity	: 32.5 Candela
Vertical Divergance	: -3°~ 20° more than 32.5cd, centering at 10°
Horizontal Coverage	: 360° Degree
Input Voltage	: 12VDC/24VDC/48VDC/110VAC/220VAC
Flash Pattern	: Steady State or Flashing (as desired)
Water Proofing	: As per IP67 Standard
Temperature Range	: -40°C to +55°C



## Control Box for OB/Warning Lights

for Ground Powered Units

Model: ECI-CB-04

AC Input Voltage	: 100-265 VAC/48VDC/24VDC
Power Consumption	: 4W per lamp
Flash Rate	: Steady/20-80FPM
Enclosure	: Aluminum Alloy
Water Proofing	: As per IP67



ISO 9001:2008  
CERTIFIED

# Packing & Accessories

## Mounting Pegs

P/N: 7607TWL-MA001

Model: 7607TWL

Material : M.S  
Surface Treatment : Powder Coating  
Mounting Screws : SS-304  
Mounting Nuts & Washers : SS-304



## Thermopore Packing

P/N: 7607TWL-MA010

Model: 7607TWL

Material : Thermopore  
Design : As per model



## Mounting Pipes & Clamps

P/N: 7607OBLG-MA001

Model: 7607OBL-G

Material : M.S  
Surface Treatment : Powder Coating  
Mounting Clamps : SS-304  
Mounting Screws : SS-304  
Mounting Nuts & Washers : SS-304

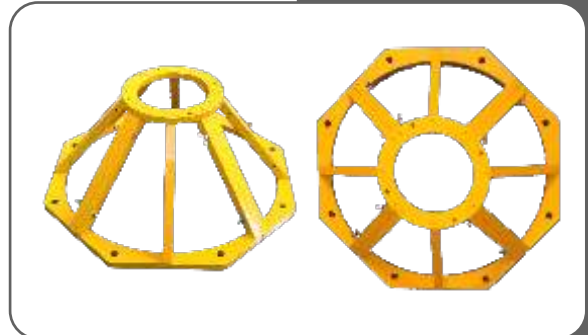


## Mounting Base

P/N: 7607-OBL-MA001

Model: 7607OBL

Material : Aluminum Alloy  
Surface Treatment : Powder Coating  
Mounting Screws : SS-304  
Mounting Nuts & Washers : SS-304



## Thermopore Packing

P/N: 7607-OBL-MA010

Model: 7607OBL

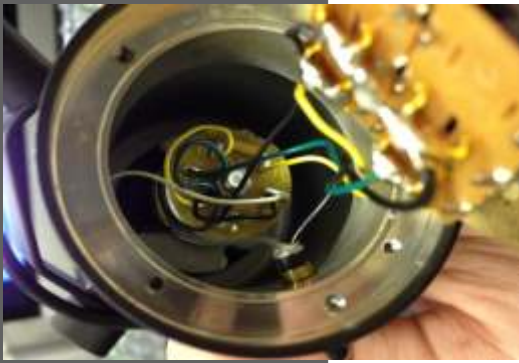
Material : Thermopore  
Design : As per model





## Your Benefits

- One window for your all aviation safety lights
- Extendable Warranties
- After sales support & services
- Easy to install & remove
- Additional quality accessories



## Our Approach & Scope

The company is 'project' oriented where each project involves:

- New Design & Concept
- Green Power & Energy Efficient Systems
- Ambitions / New Technologies
- Total Quality Management



## Our Capabilities

- In house Research & Development facilities
- Development of System software, Hardware & Integration
- Customer maintenance support & follow ups
- Maintaining effective supply chain



## What We Offer

We offer innovative and economical design services, maintaining state-of-the-art design technology:

- New Products Design & Development as per market trends
- Customized System Designing on Client's Specifications
- Medium & large level Production volumes
- System Installation & Commissioning
- Training & After Sales Services



## Additional Products Range

- Antenna Mast Systems
- Customized Power Supplies for Ground & Air born Equipment
- Customized Products Solutions



TECHNOLOGY  
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# PAKISTAN



**Our Location:**  
30 Minutes drive from  
Islamabad Airport



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