

### LIGHTING: SOLAR POWERED SYSTEMS

Solar (photovoltaic) technology has improved significantly in recent years increasing the number of applications. ELTEC working together with engineers and customers have designed solar powered lighting systems.

We make sure your lighting application is properly designed to provide the proper illumination. We can assist in meeting LEED certification and energy code requirements.

Whether the system is designed for area lighting or illumination of signs, each is sized using a computer program which includes geographical location and electrical load guaranteeing sufficient lighting power. The system is sized correctly; never oversized or undersized.

#### DC solar system benefits

- Self Contained
- No Trenching or Boring Cable
- No Power Interruption
- No Electrical Bills
- Electrical Contractors/Technicians Not Required for Installation
- High Efficiency Solar Modules with 20 Year warranty
- Controller with LCD Display Showing Battery & Solar Array Voltage, Output and Load Current
- AGM Sealed Deep Cycle Batteries with 5 Year Warranty (pro-rated)
- Sized by Computer Program: Insures Power Generated meets/exceeds Load Requirements



ELTEC's 24-LED fixture gives wide, bright coverage



ELTEC's super bright, low wattage DC fixture



Pedestrian crossing

lit from dusk to dawn



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