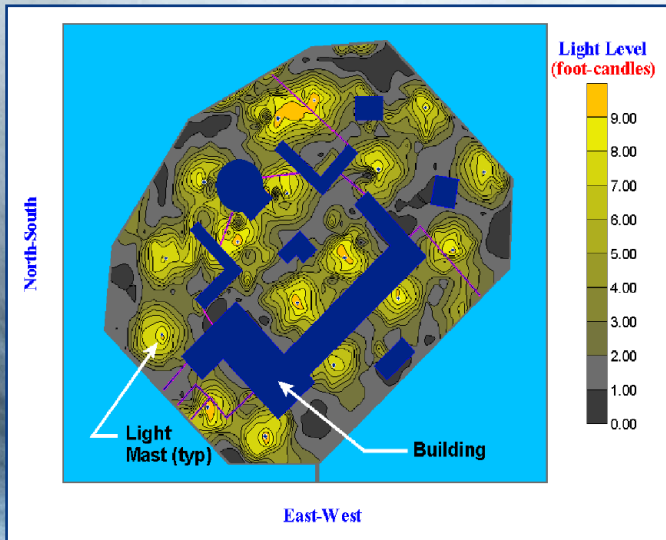


AUTOMATED LIGHT SURVEY SYSTEM (ALS)



The Automated Light Survey System (ALS) provides facility security managers with an accurate, efficient method of auditing the lighting on their outdoor premises.

Features

The ALS System combines a differential global positioning system (DGPS) receiver, light meter, and computer interface in a rugged, portable unit. The device allows a single operator to capture a series of accurate light measurements while walking over a large outdoor premises under night-lighting conditions. These readings are processed using custom software to produce a contour map indicating varying foot-candle levels of light, overlaid with a site-facility map.



Benefits

- Provides accurate contour maps of lighting levels using current GPS technology.
- Rugged; simple to set up; easily operated by one individual.
- Proprietary software uses familiar Microsoft Windows interface.
- Rechargeable batteries allow 8 hours of continuous use.
- Allows variety of sensors to be combined with the basic unit to take measurements other than light levels (e.g., decibel levels; water depth).
- Can be purchased as a complete system for in-house use or as a periodic service.

Applications

The Automated Light Survey System was developed with support from the U.S. Government's Technical Support Working Group. (TSWG). The ALS is currently in use by several correctional institutions, but is also applicable to facilities where adequate outdoor lighting provides safety for customers or residents (e.g., airports; shopping malls; university campus) or where lighting protects against vandalism (e.g., automobile dealerships; local, state or federal secure areas).

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Approved for Public Release 07/21/05