



Solar Powered LED Lighting

Sustainable area and task lighting where it is needed - without line power



As the global leader for harsh and hazardous environments, we continue to reach beyond the expected - especially with our commitment to **ESP (Enhancing Safety and Productivity)**.

Cooper Crouse-Hinds Solar Powered LED Lighting Stations provide long-lasting, sustainable light wherever line or generator power is not available, practical, or economically feasible. Identify the task at hand, whether for emergency routes, inspections, security, task or walkway lighting, etc.; the system is built according to your performance needs. Simply select the fixture that meets your lighting requirements, and let us provide the system to power the performance that you need—rain or shine, in ordinary, industrial, or hazardous locations.

- Provide power and lighting where and when needed
- Eliminate the need for line power
- Eliminate trenching and running raceways
- Match lighting and solar system to environmental requirements

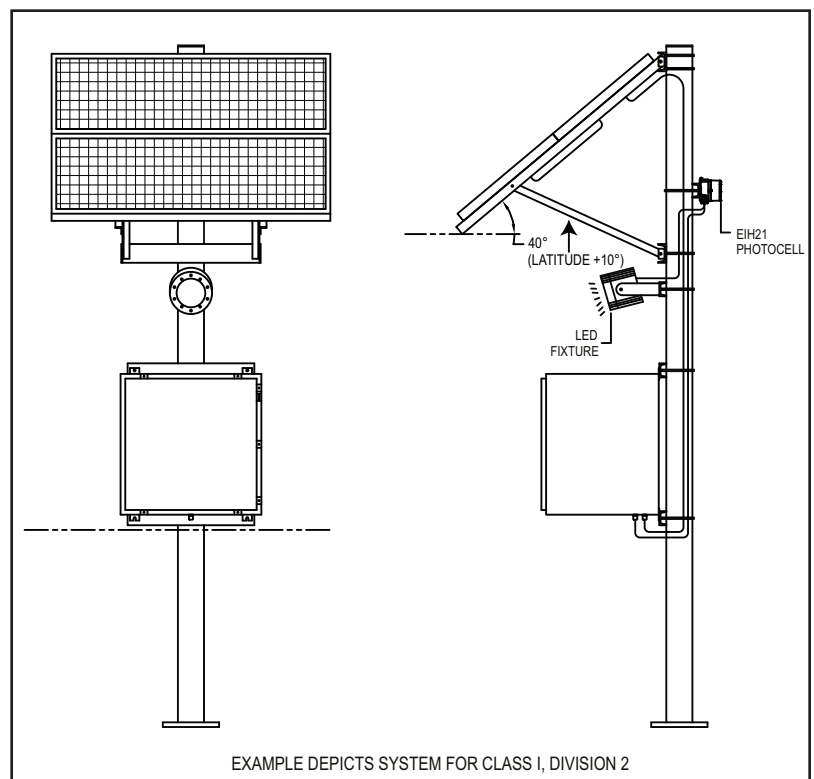
Applications:

Freestanding light stations for:

- Security, perimeter lighting
- Emergency, pathway
- Inspection of gauges, valves, sensors
- Surveillance cameras
- General area lighting

Features:

- No additional power required
- Available with photocells for dusk-to-dawn operation
- Long life solar rated batteries, 5+ years
- Built to your specific application: loads, duty cycle, days of battery autonomy
- Extreme temperatures (-30°C to +50°C)
- Lockable enclosures
- Available with local and remote controls, emergency alarms, flashers, and obstruction lights



LED Lighting Options

Ordinary Locations



Lumark® Wal-Pak Series from Cooper Lighting

Provides traditional architectural style with high performance energy-efficient illumination. Rugged die-cast aluminum construction, stainless steel hardware, along with a sealed and gasketed optical compartment make the Wal-Pak virtually impenetrable to contaminants.



VTS Ventus™ LED Luminaire from Cooper Lighting

Provides uncompromising optical performance and outstanding versatility for a wide variety of area and roadway applications.

Class I, Division 2



Champ® VMV LED Series

Designed to provide full-spectrum, crisp, white light with a true IES type V distribution. This white light output provides the human eye with better visual acuity compared to the poor rendering and color quality produced by a typical HPS fixture. Three versions of the Champ VMV LED are available, providing ideal solutions for a wide range of applications.



Vaporgard™ LED Series

Available November 1, 2010

The **V2LC/DC** Luminaire provides uniform crisp, white light and is suitable for lower mounting heights, confined spaces, tunnels, or utility rooms. Using four high power, high brightness LED arrays, this fixture can deliver similar light levels to 150 watt incandescent or low wattage HID (50-70W).

The **V2LW/DC** Luminaire provides a color more consistent with incandescent or color corrected sodium lamps. This light source can be used in areas of dense fog or steam for improved visibility.

Please consult factory for other LED lighting options.

Cooper Crouse-Hinds

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Solar Power Package



Standard Materials

- **PV module (solar panel)** – clear anodized aluminum frame, potted or terminal-type junction box, high transmission 1/4" thick tempered glass front with white polyester back and EVA (ethylene vinyl acetate) encapsulant.
- **Enclosure** – aluminum NEMA 3R standard
 - painted sheet steel NEMA 4 (optional)
 - stainless steel NEMA 4X (optional)

Electrical Ratings

- 0-20A, 12VDC; Available for 24, 36, 48VDC, 120VAC loads
- Regulator prevents battery from deep discharging by disconnecting from battery at 11.5V and re-connecting at 12.5V.

Dimensions and Weights

- Dimensions and weights are dependent on load requirements and duty cycles. Please consult factory for specific specifications.

How to Order:

Cooper Crouse-Hinds can design a solar LED system to meet your specific requirements or specifications. Just contact your local Cooper Crouse-Hinds Sales Representative to start the process.