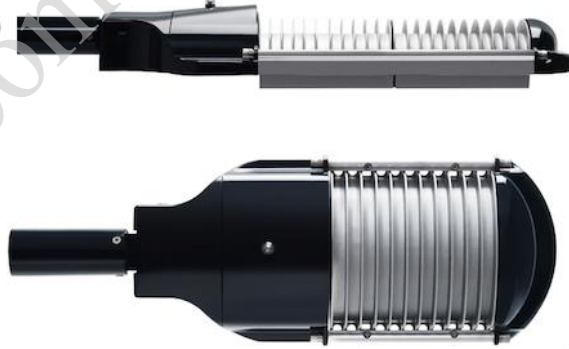


OkSolar.com



Item# 160400 IQLED solar led illumination 3000 Lumens NEW 2013

Your **next scheduled maintenance** of IQSolarLighting systems will be in **5 to 7 years!**

We Manufacture OEM Solar Lighting solutions for military and government, as well as private sector applications form 1600 Lumens to 22,000 Lumens. Explosion and Bullet Proof protected.

Complete turn-key systems: The systems are designed for installation onto a wood, concrete, or metal mounting pole. All components needed for installation are included, except for the mounting arm and pole, which can be ordered separately. The solar units provide all the energy needed for system operation, so installation and maintenance expense are minimal

LED Lighting anywhere any time Deploy in about 5 to 10 minutes.

Mobile Units deploy worldwide and at a moment's notice, rugged enough to withstand transits to the location and operations anywhere anytime.

Operating description: This area lighting system converts the sun's energy into electricity and stores it to provide 10 hours or Dusk to Dawn illumination plus three to seven day's worth of backup energy. The System automatically activates itself at sunset and stays on until sunrise.

System Life Expectancy:

- **Battery Life Expectancy:** Minimum life expectancy of five years, but they typically have a duration of seven to eight years.
- **Solar Collector Life Expectancy:** Minimum life expectancy of 21 years, but they typically have a duration of 21-25 years.

Features Include:

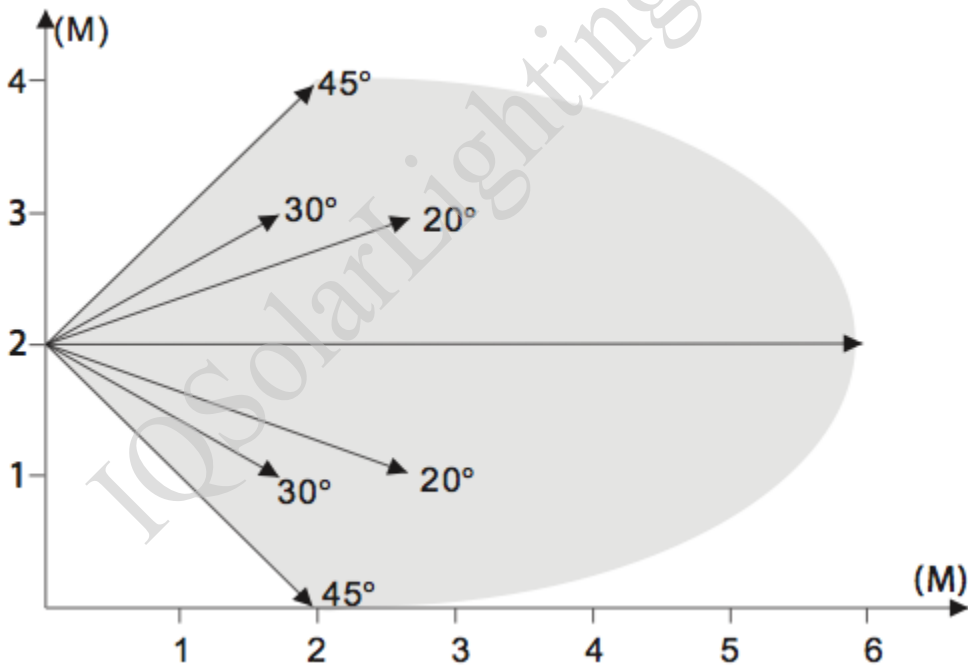
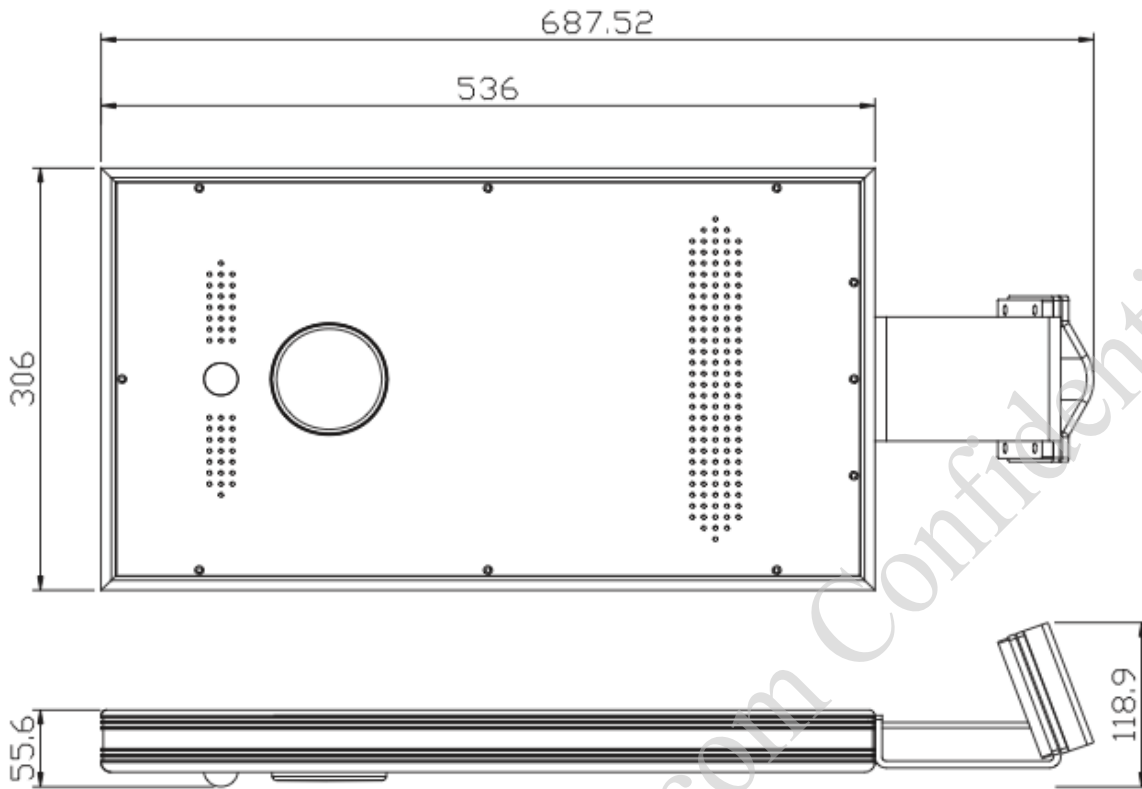
- Photovoltaic solar panel.
- Battery specifically designed for deep cycle PV applications. (Maintenance Free Batteries!)
- Electronic charge controller.
- Solar Panel pole mounting (Adjustable 0 to 90 degrees Stainless steel fasteners)
- Designed to withstand high wind velocities.
- **Optional:** Cast aluminum housing pad enclosure with a lockable door.

Test Conditions: of 1.5 air mass spectrum; 20 degrees C ambient air temp.; 1 sun, (1000 watts per square meter at POA irradiance); 1 meter per second wind speed at 10 meters above grade)

Activation Switch On/Off: A microprocessor automates the functions of the system automatically activates from sunset to sunrise; has a timer, regulating the hours the light stays on; also regulates the battery, preventing overcharging and protecting against discharging. **Optional** wireless on/off

Operating time while fully charged: 8-10 hours per day x 2-5 continuous rainy days daily for extended run times use we suggest adding Item# 160799

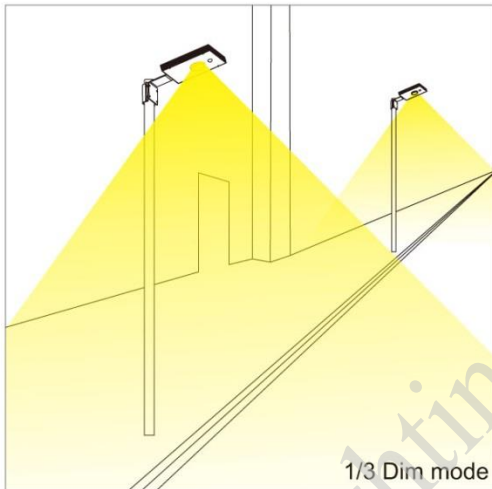
Daily Radiation Zone: Designed for Zone with 4-5 Hours of daily Insulation.
Temperature of work environment: Optimal Ambient -20 to +25 C (-4 to 77 F)
Maximum Ambient Temperature -40 to +80 C (-40 to 176 F).



Have you checked the IQ of your Lighting systems?

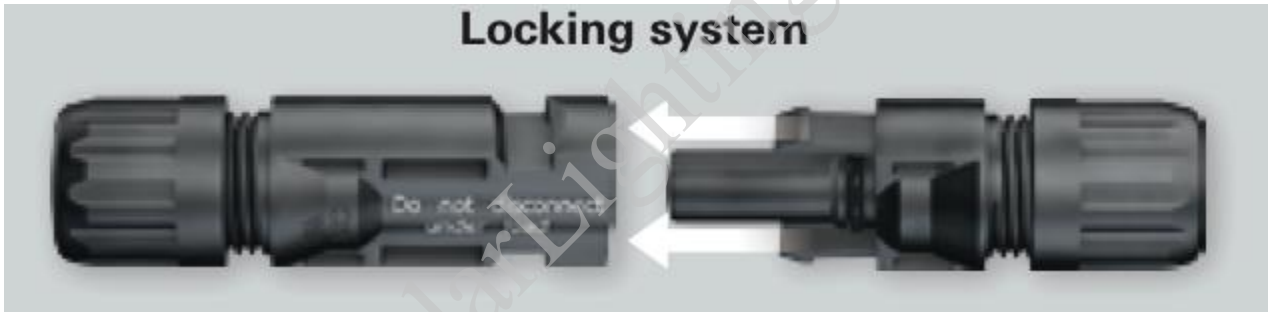


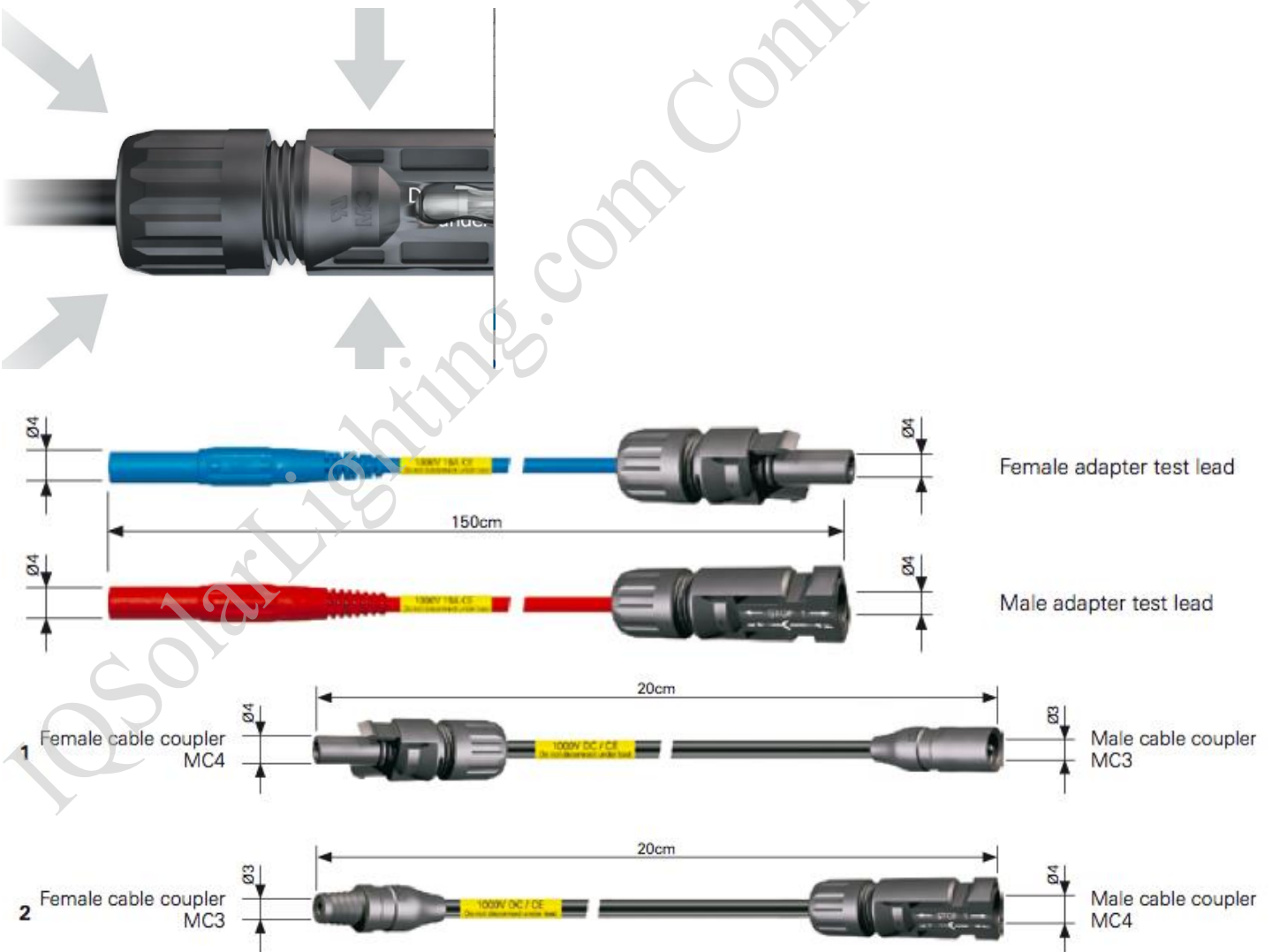
Solar lights works at dim mode when humans are not around. Integrated Passive Infrared. Sensor to increase light output when motion is detected.



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Our Systems use State of the Art Plug and Play







Civil Industrial and Military Applications Remote Controlled Bullet, Explosion Proof and defense applications, the unit is also available in infrared (IR). Contact Us Today!



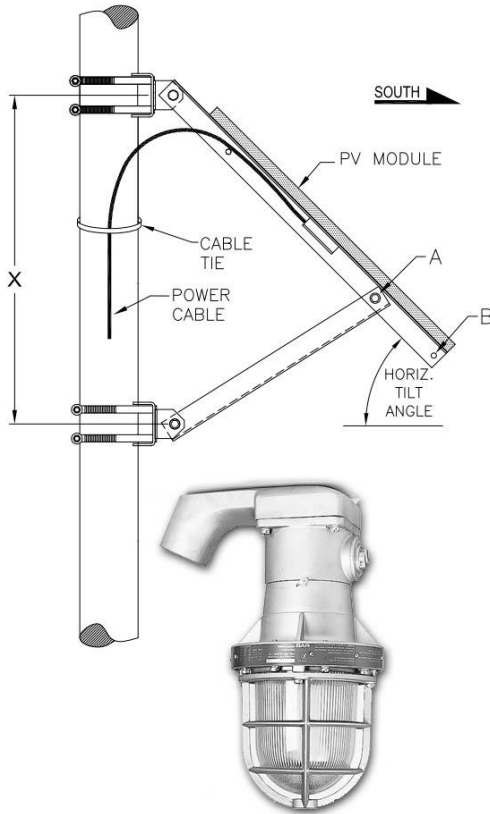
Bullet Proof Side Protected your Fixtures and Lamps

- Designed to stop small arms fire .22 to .44 calibers
- Simple one bolt installation
- Excellent stoppage from 9mm handguns, the most popular vandalism hand gun on the streets
- Will withstand most field vandalism compact, eye appealing design
- Does not interfere with routine maintenance
- Mounts on all standard pole arms



0168100 Explosion proof Light LED 400+ Super Bright LED UL Listed for Standard 844.

OkSolar.com



Construction Features Lamp compartment is factory sealed from wiring chamber, eliminating on-the-job sealing. Inspection hole provides easily accessible splice space. There is nothing to hold while splicing to line. Set screw to stem keeps fixture from turning during relamping. Three close-up plugs furnished with four whole junction box. Mounting lugs are standard. IQLED Lamp: LED 400+ Super Bright LED.

Housings: Heavy cast aluminum. Unit withstands 1490 lbs. per square inch hydrostatic pressure during UL testing

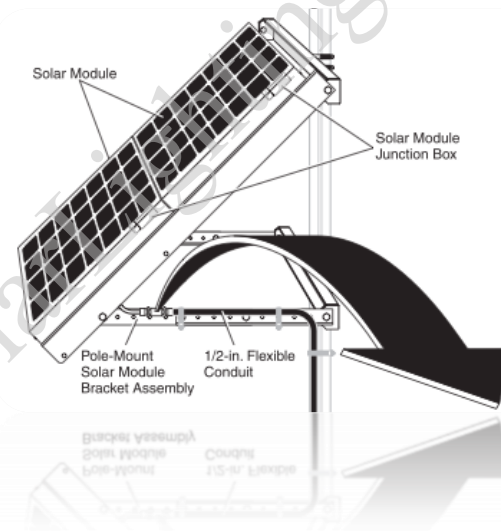
Wiring: Wiring is factory sealed. Inspection hole provides easy access to splice compartment

Globe: Impact and heat resistant clear prismatic design affords excellent light control

Finish: Silver Gray Epoxy powder coat

Reflectors: Heavy gauge aluminum with highly reflective white acrylic finish

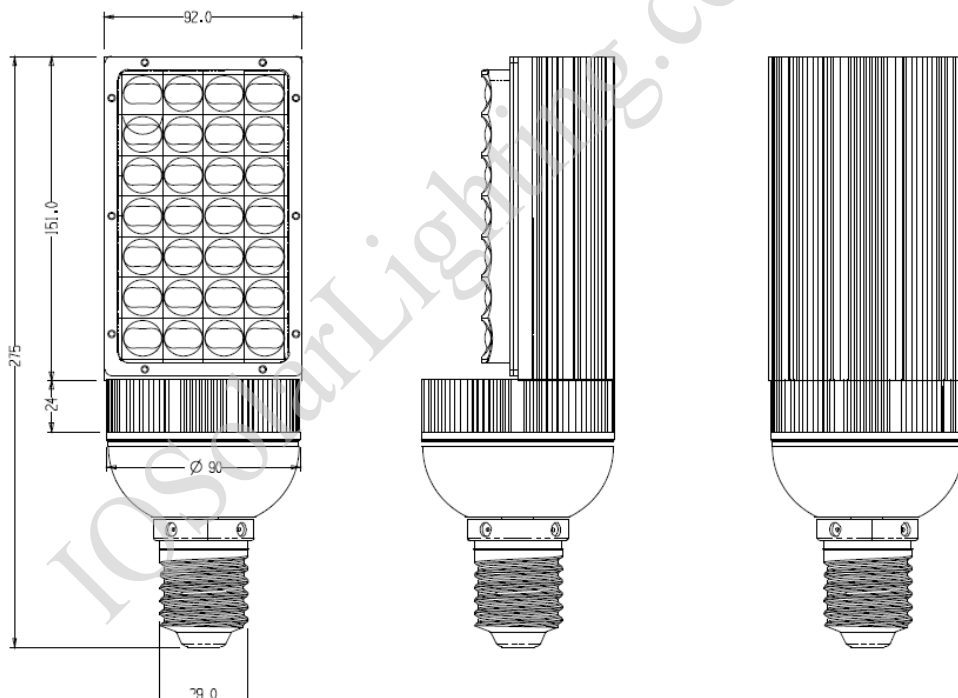
Socket: Medium base glazed porcelain. Leads pass through sealing compound that separates lamp chamber from wiring compartment. Heavy gauge nickel plated copper components. Spring loaded center contact



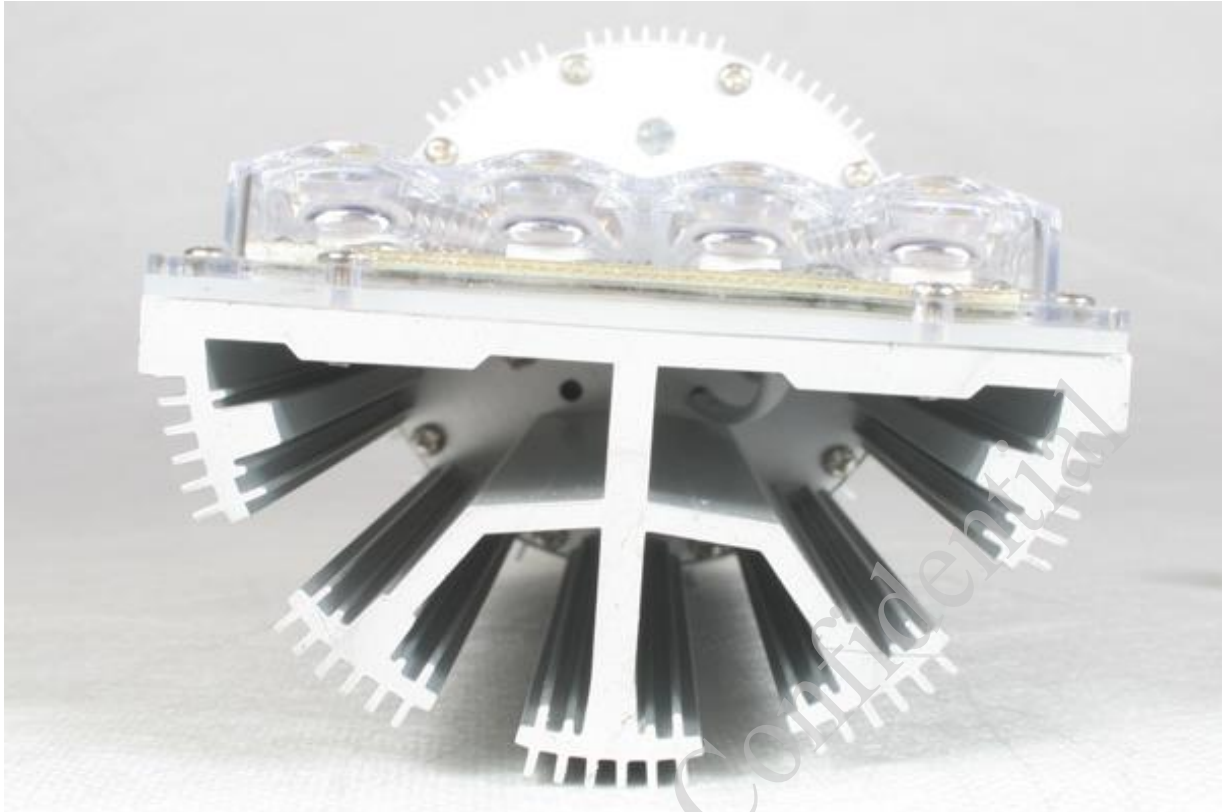
Have you checked the IQ of your Lighting systems?



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Ballistic Protection: Stop this from happening at once! Item#54780

- Ballistic Protection - Bullet Proof Shields
- This patented* shield incorporates leading edge technology to provide maximum ballistics resistance.
- The shield is primarily constructed of dual layer polycarbonate sheets which are UV stabilized.

Designed to stop small arms fire .22 to .44 caliber

