

SAVE & GET **SOLAR** ENERGY

100%
SAVINGS
On Electric Bill



Save Electricity



Save Money



Save Erath



We are pleased to introduce ourselves as a Leading Manufacturer, Supplier and Exporter of LED base Emitting Street Light Luminary, High Mast & Street Lighting Poles, Solar LED Street Light, Solar Flasher / Blinker, Solar Chevron, Solar Delineator, Solar Road Stud, LED Lantern, Solar Roof Top Power System, Solar Water Pump, Solar Mobile Tower Light etc...

We have been established in 2001 in Indian Market with product like Inverter, Online UPS & other electronics products recognized as foremost solution provider in electronics & lighting technology.

In the year 2005, the name of the firm was changed to **"BONS LIGHT"** and made a better platform to cover wide area of electrical lighting equipments in India where the infrastructure developments are taking place in broader way in recent years, gives us many opportunities for new designs, R & D and manufacture of lighting products.

We owe well equipped workshop with almost all required manufacturing and lab testing facilities within factory premises.

We really take proud to have technical team comprising well experienced engineers and technicians enabling us to carry out any type of difficult operations.



We are serving a number of well known clients all over the world with our preset vision. Our vision is to achieve the highest quality standards in all manufactured products. All of our products must give excellent performance. Understanding our valued customer's budget affordability, we deliver them products at very cost effective prices. Furthermore, we have involved the following into our vision.

Upto the mark services to match customers expectation. Implementing Current Trends and Technologies.



We have recruited a team of highly qualified professionals, which helps us in carrying out the various activities of the business. These professionals have vast industry experience and expertise in the domain. They work in close proximity with one another and understand client's needs and in turn offer them products as per their requirements. Furthermore, these members are sincere and dedicated towards their work and perform the assigned tasks with efficiency. With the combined efforts of our team members, we have been serving a huge number of clients worldwide.



SOLAR ROOF TOP POWER PLANT SYSTEM :

Solar Power Systems are the most common type of solar electric system in the India. This type of system is attached. Electricity that is generated by the solar array flows freely the utility company. The household or commercial property that benefits from the system is credited for the electricity generated by the solar panels. As long as the solar array generators more electricity than the household consumes, the electricity will be free. If the household or business consumes more electricity than is generated, it will be billed for only the excess consumption.



Benefits of a Rooftop Solution :

- Lower electricity bills.
- Increase the value of your property.
- Create revenue from unused roof space.
- Hedge against rising utility rates.
- Reduce dependence on foreign oil.
- State & Local - Rebates and Tax Incentives.
- Extend roof warranty.
- Reduce carbon footprint.
- Positively affect your community by producing clean energy.

Company Brief

*Bons Light
Established
in 2005*

*We have
18 Years of
experience in
Solar
Products*

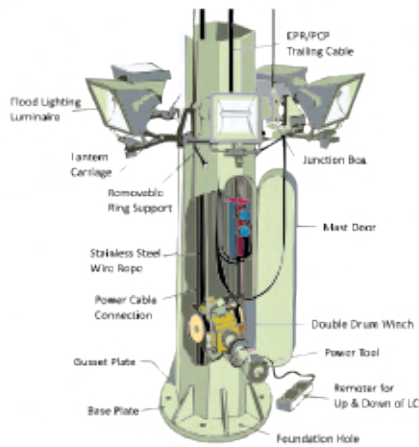
*We have well
Educated and
Good Experienced
staff in our
company*

*We have done
12 MW
work in
solar sector*

*We do work
in all over
India*



HIGH MAST & STREET LIGHTING POLES



OCTAGONAL POLE

APPLICATION :

- Main Junction
- Highways
- Street Road
- Storage Yard
- Area Lighting
- Party Plot



LED FLOOD LIGHT / HIGH BAY LIGHT

APPLICATION :

- Industrial areas
- Storage yards
- Container berths
- Docks and ports
- Airport aprons
- Flyovers & bridges
- Railway marshaling yards



FEATURES :

- Heavy duty and weatherproof
- Effective asymmetrical beam control
- Relamping from the sides
- Easy to install and maintain
- Powder coated Toggles for glass holding support



SOLAR DELINEATOR (SOLAR WARNING LIGHT)

FEATURE :

- 6 ultra bright flashing LEDs
- High efficiency inbuilt solar panel to maximize sun absorption
- Inbuilt battery & battery life - 3 Years
- Special anti-theft MS grill (optional) with pole
- Water proof, Weather proof polycarbonate body.
- Pole mounting arrangement.
- Backup time 36 Hrs. on fully charge.
- Operating Temperature -10 to 60 C

BENEFIT :

- Works on solar energy and requires no electricity.
- Compact integrated unit includes solar panel, optics and circuit. Automatic operation from dusk-to-dawn.

APPLICATOIN :

- Mines Area
- Center Lane Division
- Dangerous U-Tuns
- Dangerous Medians
- Construction Zones
- No-Entry Zones
- Multi Lanes
- Center Verge
- Sharp Curves
- Parking Lots
- High Ways
- T-Zones

MODEL NO.

SDR 4L

Nos. CLUSTER OF LED	6 LEDs
LIGHT BRIGHTNESS	20 CD
COLOUR AVAILABLE	RED, AMBER, GREEN, BLUE & WHITE
BATTERY CAPACITY	1.2V 1500mAH Ni-MH / Ni-CD rechargeable
CHARGING TIME	4 Hours @ Sun Light
SOLAR MODULE	Crystalline Silicon Solar
CAPACITY	2 Volt 180mA
SIZE	Hight 160mm, Diameter 92mm
WORKING HOURS	12 Hours @ Night Time
AUTONOMY	3 Days Monsoon Period
VISIBILITY	300 Meters
WEIGHT (APPROX.)	0.250 kg
FLASHING FREQUENCY	75 ± 5



Delineators are suitable for all kinds of roads and their reflectors provide best reflective performance that helps in showing road geometry during day night. This feature of our product makes it convenient for drivers and keeps them away from road hazards. Further, these also result in avoidance of accidents.



ROAD SAFETY PRODUCTS

SOLAR FLASHER / BLINKER :

MODEL NO.	SBFDN225	SBFDN325S	SBFDN325	SBFDN330	SBFDN340
Nos. OF LED	61	91	127	169	217
LIGHT BRIGHTNESS	>150CD	>250CD	>250CD	>300CD	>400CD
DISPLAY COLOUR	RED OR AMBER	RED OR AMBER	RED OR AMBER	RED OR AMBER	RED OR AMBER
POWER STORAGE	21VAh	36VAh	43VAh	52VAh	73VAh
SOLAR MODULE	18.5V, 5WP	18.5V, 7WP	18.5V, 10WP	18.5V, 15WP	18.5V, 20WP
WORKING HOURS	24 HOURS @ DAY NIGHT TIME	24 HOURS @ DAY NIGHT TIME	24 HOURS @ DAY NIGHT TIME	24 HOURS @ DAY NIGHT TIME	24 HOURS @ DAY NIGHT TIME
AUTONOMY	2 DAYS MONSOON PERIOD	2 DAYS MONSOON PERIOD	2 DAYS MONSOON PERIOD	2 DAYS MONSOON PERIOD	2 DAYS MONSOON PERIOD
VISIBILITY	300 METERS	500 METERS	500 METERS	600 METERS	700 METERS
WEIGHT	4.500 Kg.	6.00 Kg.	6.500 Kg.	7.00 Kg.	7.500 Kg.
DIMENSIONS	L305 X H325 X D280mm	L390 X H390 X D425mm	L390 X H390 X D425mm	L390 X H390 X D425mm	L390 X H390 X D425mm

COMMON SPECIFICATION :

- Light Source : Super Bright Led Cluster
 - Life Of Led Lamp : 50,000 Hours
 - Display Colors : Yellow, Red
 - Solar Module : Multi Crystalline High Efficiency & Life Of Panel 15 years
 - Power Storage : Latest Integrated Super Cell Technology
 - Enclosure Approx. Dimension : L-360mm, B-485mm, H-460mm
 - Clamp Suitable : For 65 / 75 / 110mm Dia Pole
 - Material : Enclose In Metal Or FRP & Front Glass In Polycarbonate
 - Flashing Frequency : 50+5% / minute.
 - Working Mode : Flashing All The Day & Night.
- Activation Switch On / Off & Auto Dusk To Dawn For Night Mode High Efficiency PWM Charge Controller

FEATURE :

- Shatter resistant solar modules
- Self contained system
- Utilizes LED technology Available remote wireless control / cell phone. (Optional)
- Timed or continuous configurations
- Maintenance free Systems
- Plug in Play
- In This Supper cell Technology Power Storage Capacity & Life Cycle
- More then regular Battery.
- No need to have utility power lines installed
- No monthly or annual power bill
- Proven technology
- Quick and easy installation - can be installed in almost any location in 2 hours
- No light bulbs to replace
- Convenient in installation, no wires to embed underground.
- CLEAR VISIBILITY IN hazy atmosphere

APPLICATION :

Used for warning road users at Diversion, Road construction, work zone, Sharp Curve warning, Crossings School Crossing, Vehicle inspection station, Fire house entrance, Factory plant Pedestrian crossing(Crosswalk), Underground Railway Crossing, Port, Sez Dangerous area where wiring not easy.



SOLAR CHEVRON

MODEL NO.	SCN1AR	SCN1AR DN	SCN3AR	SCN3AR DN
Nos. CLUSTER OF LED	78	78	117	117
DISPLAY COLOUR AVAILABLE	RED OR AMBER	RED OR AMBER	RED OR AMBER	RED OR AMBER
BATTERY CAPACITY	12V, 7.0 AH	12V, 7.5 AH	12V, 7.5 AH	12V, 12 AH
CHARGING TIME	4 Hours @Sun Light	4 Hours @Sun Light	4 Hours @Sun Light	4 Hours @Sun Light
SOLAR MODULE	Crystalline Silicon	Crystalline Silicon	Crystalline Silicon	Crystalline Silicon
CAPACITY	12V, 10WP	12V, 12WP	12V, 15WP	12V, 20WP
SIZE	600 x 400	600 x 400	750 x 450	750 x 450
WORKING HOURS	12 Hours @ Night Time	24 Hours @ Day Night Time	12 Hours @ Night Time	24 Hours @ Day Night Time
AUTONOMY	3 Days Monsoon Period	2 Days Monsoon Period	3 Days Monsoon Period	2 Days Monsoon Period
VISIBILITY	500 Meters	500 Meters	500 Meters	500 Meters
WEIGHT (APPROX.)	8.5 Kg.	13.5 Kg.	9.2 Kg.	14.2 Kg.

FEATURE :

- Solar Module : Crystalline Silicon Solar Panel
- Inbuilt in Long-life Maintenance free battery
- High Efficiency PWM base charge controller for system protection
- Charging time 4 Hours @ sun light
- Three moving arrows with high intensity ultra bright LEDs.
- Integrated design for maximum energy efficiency
- Warning Distance : 500 mtr
- Housing Material : Foam PVC MS powder coated frame
- Automatic dusk to dawn operation or optional switch on/off
- Autonomy : 2 or 3 Days
- Anti theft mounting arrangement
- No power cost, Power charge from the sun directly.

No wire and no power supply problem. It's convenient to install it anywhere in right or left direction, Flashing frequency Approximately 60per minute, according to the arrow direction glitters clamp suitable for 75mm dia pole

APPLICATION :

- Diversion at road constructions, roundabouts highway intersections
- Tunnel entrance, approach to over / under bridges
- Curved roads, Sharp Curves, hair pin bends
- For turning corner guidance.
- Exit and entry direction



SOLAR BATTERY LESS STREET LIGHT

INTEGRATED SUPER CELL TECHNOLOGY

TECHNICAL SPECIFICATION :

MODEL NO.	SBL20W	SBL40W	SBL60W
Equivalent LED Lamp Wattage	12 W	16 W	20 W
Light Lumens Output	1200 Lm	1600 Lm	2000 Lm
Solar Panel	20 WP	30 WP	40 WP
Power Storage	150VAh	200VAh	250VAh
Power Usage / Night	50 VA	65 VA	80 VA
Mount on Suitable Height	4.5 Mtr	5 Mtr	6 Mtr
Effective Lighting Coverage Area	14Mtr x 5 Mtr	17Mtr x 6 Mtr	20Mtr x 7 Mtr

FEATURE :

- Latest Integrated Super Cell Technology
- Highest Efficient Solar Module (Good Performance in Low Sunlight)
- Ultra High Lumens Output LED with 70000 Burning Hours
- Uniform Lighting with Maximum Coverage Area
- Power Storage in 4 to 5 Hours On Normal Sunlight
- Good Performance in Rainy Season
- Dusk to Down Operation
- 2 Night Work on Without Sunlight
- Optional : Dimming Facility

BENEFIT :

Total Theft-Proof Product

Total Wireless, No any wiring and No Assembly onsite.
Easy to Install : Pole Mount, Wall Mount, Surface Mount



APPLICATION :

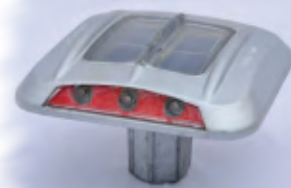
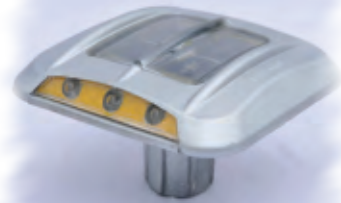
Secondary Road, Pathway, Parking, Garden, Resident Area, Common Plot,
Weekend Home, Farm House, Factory, Railway



SOLAR ROAD STUD :

SPECIFICATION :

Material	: Aluminum Alloy Shell
Solar Panel	: 2.4V / 0.2 - 0.3 W
Battery	: Ni-Mh Rechargeable Battery
Charging Time	: 4 to 5 Hours @ Sun Light
Light Source	: 6nos.super bright LED
Light Intensity	: 6000-8000mcd
Bearable Weight / Load	: 15 Tons
Color	: Red/Yellow/Green/Blue LED
Working Time	: 50-60 Hrs. after full charging
Working Time	: 12 Hours @ Night Time



KEY FEATURES :

- High intensity LED's
- Solar power for isolated or stand alone applications
- Body made up of special aluminum alloy
- Ideal for High Way, Park lot, Road, etc.
- Available in Red & Yellow colors

Applications

Wet Road

Conventional reflective markers lose their visibility when the roads are wet. The solar road stud's active illumination remains brightly visible, unaffected by wet conditions.

Foggy Conditions

High intensity LED spotlight penetrate fog to help the driver to negotiate curves.

Dark Rural Roads

Illumination from the solar road stud can eliminate the need for street lighting while maintaining safe driving component.

Mountain Roads

Help to show approaching sharp turns and blind curves at night time.

SOLAR AVIATION LIGHT

TECHNICAL SPECIFICATIONS

LIGHT SOURCE :

Type of Aviation Light	: Flashing Mode
Light Source	: Ultra Bright/High Intensity LEDs
Display Colors	: Red & Amber (Yellow)
Intensity	: up to 400 CD
Horizontal Spread	: 360 Degree

OPERATION :

Working Time	: 10 - 12 Hours at Night
Minimum Autonomy	: 2 Days
Operating Life span of LEDs	: 50,000 Hours
Day Night Control	: Auto / On / Off Provision in-built

SOLAR PANEL :

Type : Mono/Multi Crystalline Silicon
 Maximum Power : >10 Wp 12 Volt peak

CONSTRUCTION :

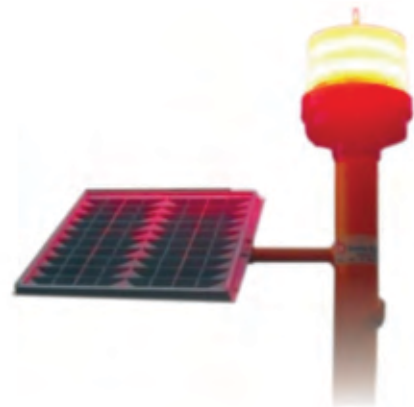
Lens : UV stabilized Polycarbonate
 Sealing : Fully sealed rugged water proof, Light wight
 Weight : Less than 8 kgs.

BATTERY :

Type : Sealed Maintenance Free (SMF) Value
 Regulated Lead Acid battery
 Rating : 06 Volts, 4.5Ah x 2 nos.

APPLICATION :

Ideal for Power transmission towers and telecom tower, airport Natural obstructions like Hiltops and all other locations where carrying electricity is difficult.



LIGHTING SYSTEMS

LED STREET LIGHT LUMINARY :

Model No.	EL 9W	EL 12W	EL 15W	EL 24W	EL 36W	EL 48W	EL 72W	EL 96W	EL 120W	EL 144W
Substitute For	40 W CFL	48 W CFL	70 W HPSV	100 W HPSV	120 W HPSV	150 W HPSV	250 W HPSV	250 W HPSV	250 W HPSV	400 W HPSV
Lumens Output	1170 lm	1560 lm	1950 lm	3120 lm	4680 lm	6240 lm	9360 lm	12480 lm	15600 lm	19500 lm
LED Lamp/Emitting Lamp Wattage	9 W High Power	12 W High Power	15 W High Power	24 W High Power	36 W High Power	48 W High Power	72 W High Power	96 W High Power	120 W High Power	144 W High Power
Frequency Range	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Power Factor	> .095	> .095	> .095	> .095	> .095	> .095	> .095	> .095	> .095	> .095
Power Efficiency	> 85%	> 85%	> 85%	> 85%	> 85%	> 85%	> 85%	> 90%	> 90%	> 90%
Color Temperature	5000-7000K	5000-7000K	5000-7000K	5000-7000K	5000-7000K	5000-7000K	5000-7000K	4000-7000K	4000-7000K	4000-7000K
Working Temperature	0°C ~ 60°C	0°C ~ 60°C	0°C ~ 60°C	0°C ~ 60°C	0°C ~ 60°C	0°C ~ 60°C	0°C ~ 60°C	0°C ~ 60°C	0°C ~ 60°C	0°C ~ 60°C
Input Voltage	AC 120 -265 V	AC 120 -265 V	AC 120 -265 V	AC 120 -265 V	AC 120 -265 V	AC 120 -265 V	AC 120 -265 V	AC 120 -265 V	AC 120 -240 V	AC 120 -265 V
Beam Angle	Horizontal 120° Vertical 60°	Horizontal 120° Vertical 60°	Horizontal 120° Vertical 60°	Horizontal 120° Vertical 60°	Horizontal 120° Vertical 60°	Horizontal 120° Vertical 60°	Horizontal 120° Vertical 60°	Horizontal 120° Vertical 60°	Horizontal 120° Vertical 60°	Horizontal 120° Vertical 60°
Working Voltage	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC	48 VDC	48 VDC	48 VDC
Pole Required For Ground Level	5.0 Meters	5.5 Meters	6.0 Meters	6.5 Meters	7.0 Meters	8.0 Meters	9.0 Meters	9.0 Meters	9.0 Meters	9.0 Meters
Lumination (Lux in Center)	12	15	18	18	20	20	20	22	25	30

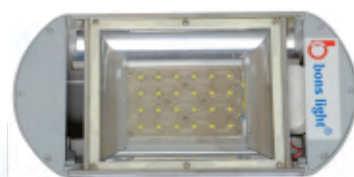
FEATURES :

- Long Life up to 50,000 hours
- High Luminous Efficiency per watt 130 Lumens
- Power Saving up to 60 to 80% against Convention at Light
- Revolutionary Photometric Design
- Uniformity Light Out Put
- Quick Start Operation
- Unique Integrated Lens and Lampshade Design
- No flicker No adverse glare
- No UV or IR, Impact Resistance, Shock-Proof. Work under Low-Voltage and Low-Heat, Safe and Reliable
- Heavy Duty Construction of Alumium Extrusion with three time Heat Distribution Phines more than ordinary pressure Dia Cast Luminary.



APPLICATIONS :

- Highway Road Lighting
- Industrial Road Lighting
- Street Road Lighting
- Pathway Lighting
- Parking Lighting
- General Out Door Lighting
- Replacement of HPSV, Metal Halide, Mercury, CFL Lighting



SOLAR MOBILE TOWER LIGHT

The HYBRID TOWER may be the most versatile piece of equipment on your site. With LED lights that are designed as DOT approved street lights, the HYBRID TOWER will out perform practically every light tower you have ever used. Yet, it much more that a standard street lights. As a true hybrid light tower, the HYBRID TOWER will run 10 to 12 hours completely silent on batteries and if those batteries run low generator can turn on automatically to run the lights, re-charge the batteries, and even provide power for your site. the solar panels can finish the job of recharging the batteries. There is much more.

In this tower light we used pneumatic mast it is very useful then hydraulic mast with low maintenance pneumatic mast is operated by compressor so it automatically up & down operation by single switch and it is user friendly then hand operated mechanical adjustable pole

Bons Light Pvt. Ltd. have developed a new design for solar mobile lighting system.

with an emphasis of providing economic advantages over diesel powered units.

- SUITABLE FOR GENERAL AREA LIGHTING
- AVIATION PURPOSE
- SPORTING EVENTS / FESTIVALS
- ROAD WORKS, IN & AROUND RESIDENTIAL AREAS
- CONSTRUCTION AND WORKING SITE
- MINE SECURITY LIGHTING
- RURAL AND HARD TO REACH AREA
- EMERGENCY RESPONSE
- CRIME SCENES
- ACCIDENT INVESTIGATION
- UTILITY REPAIRS
- TEMPORARY SECURITY
- MILITARY APPLICATION



MFG. OF :
SOLAR POWER PLANT,
LED LIGHTS & ROAD SAFETY PRODUCTS



“ Success story of Bons Light Pvt. Ltd.”



Bons Light Pvt. Ltd.

OFFICE : 750, Iscon Emporio, Near Star Bazar, Jodhpur Char Rasta, Satellite, Ahmedabad - 380015.
Tel. : +91 - 79 - 40032335, Mobile No. : 81550 54410, 99798 85799

FACTORY : Plot No. 564, Phase II, Nr. Vatva Railway Station, G.I.D.C., Vatva, Ahmedabad - 382 445
Gujarat - India. Tel. : +91 - 79 - 40085253, Mobile No. : 98250 20385, 99252 44220