

# SMART LED LIGHTING SOLUTION

FOR MUNICIPAL, INDUSTRIAL,  
WAREHOUSE & ROADWAY LIGHTING

**GPRS Based  
Smart Street  
Light Controlling  
System**

**SMART LIGHTING  
FOR SMART CITY**

**YOUR  
LIGHT  
PHOTONICS  
WILL CARE.**



**DGS&D** **CE**  
**MNRE**



We are pleased to introduce our company **Photonics Watertech Private Limited**; manufacturer & exporter of Solar LED Street Lights (built-in charge controller & auto dusk to dawn), LED Street Lights, LED Flood Lights, Solar LED Flood Lights, LED High Bay Lights, LED Bulbs, LED Tubelights, Solar Power Packs, Solar Water Pump, Street Light Feeder etc. All our products are **CE** certified and **MNRE** approved. We have also **DGS&D** registration. We have **Kendriya Bhandar Rate Contract**. We are also providing **OEM** services.

### BENEFITS OF SOLAR/LED LIGHTING

- No UV & radiation
- No environmentally hazardous substances (CFL contains mercury)
- No more bugs around lights. (LEDs don't attract insects)
- No laying down electrical wires and digging hassles required which usually consume close to a month's time for completion
- Zero electricity running cost for solar based lights
- Payback periods of less than 2 years (LED streetlights)
- High durability of solar panels and LEDs. Both solar panels and LEDs last for more than 10 years.
- In comparison, the conventional sodium and CFL lamps typically require replacement once every year.
- Less heat emission and easy disposal due to absence of harmful substances like mercury
- Higher color temperature of light

### PHOTONICS DIFFERENTIATING FACTORS

With the background technology of solar and LEDs, PHOTONICS derives its strengths from the following technological aspects:

**Thermal management of LEDs:** Although LEDs (power LEDs) have a stated life of 60,000 hours. If the heat dissipation is not well managed, it drastically reduces the life. hence thermal management of LEDs is an area where PHOTONICS has focused to make the product much more reliable and differentiated. we choose the right size, area, orientation and material for heat sinks, as well as design the fixture to ensure proper heat dissipation and consequently high durability of the system.

**LED Driver/ controller:** Many times solar/LED systems fail, not because of faults in solar panel of LEDs, but because of faults in the driver. The controller/driver forms the heart of entire system. The reliability and efficiency of this electronics is the key for overall product reliability. Features like high efficiency, power factor correction, magnetic isolation modularity of strings, voltage fluctuation tolerances etc. are built-in to make the product much more reliable than any off-the-shelf available controller/driver.

**Optics:** optimal use of asymmetrical optics is very important features of our streetlights to be make them suitable for roadway applications. The light falls in a rectangular fashion (and not circular) to ensure only the road is lit and not areas outside the road, thus making the most efficient usage of available light.

**Aesthetics:** The look and feel of the streetlight fitting and the overall aesthetical value is strength of our product design.



CE DGS&D RoHS ISO 9001 ISO 14001 SP



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IES-LM-79-08

LM-80

IS:10322

IS:16107

IS:13021

IS:16103

IEC:61000

PHOTON-SSL9E



Number of LEDs	9
Power Consumption	9W (+/- 10%)
Maximum Lumens	1080
Weight / LED Beam Angle	1.4KG / 120°
LED luminous Efficiency	>=120Lm/w
LED working voltage	6.4v (150ma)
Pole Entry Dia	Ø37mm
Input Voltage	12V/24V
CRI	70-82
Color	Cool White/Warm White
CCT	2700-6500 k
Working Life	60000 HRS
Body Type	Aluminum
Dimension	370x135x55
IP Rating	IP65

PHOTON-SSL9ES



Number of LEDs	9
Power Consumption	9W (+/- 10%)
Maximum Lumens	1080
Weight / LED Beam Angle	0.9KG / 120°
LED luminous Efficiency	>=120Lm/w
LED working voltage	6.4v (150ma)
Pole Entry Dia	Ø44mm
CRI	70-82
Input voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Working Life	60000 HRS
Body Type	Aluminum
Dimension	350x90x60
IP Rating	IP65

PHOTON-SSL12ES5



Number of LEDs	27
Power Consumption	12W (+/- 10%)
Maximum Lumens	1440
Weight / LED Beam Angle	0.9KG / 120°
LED luminous Efficiency	>=120Lm/w
LED working voltage	3.25v (120ma)
Pole Entry Dia	Ø44mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Working Life	60000 HRS
Body Type	Aluminum
Dimension	350x90x60
IP Rating	IP65



PHOTON-SSL12



Number of LEDs	9
Power Consumption	11W (+/- 10%)
Maximum Lumens	1540
Weight / LED Beam Angle	1.4KG / 80°
LED luminous Efficiency	>=140Lm/w
LED working voltage	3.18v (350ma)
Pole Entry Dia	Ø37mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Optics per fixture	60x135° or 85x135°
Working Life	60000 HRS
Body Type	Aluminum
Dimension	370x135x55
IP Rating	IP65

PHOTON-SSL12S



Number of LEDs	9
Power Consumption	11W (+/- 10%)
Maximum Lumens	1540
Weight / LED Beam Angle	0.9KG / 80°
LED luminous Efficiency	>=140Lm/w
LED working voltage	3.18v (350ma)
Pole Entry Dia	Ø44mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Optics per fixture	60x135° or 85x135°
Working Life	60000 HRS
Body Type	Aluminum
Dimension	350x90x60
IP Rating	IP65

PHOTON-SSL12E



Number of LEDs	12
Power Consumption	12W (+/- 10%)
Maximum Lumens	1440
Weight / LED Beam Angle	1.4KG / 120°
LED luminous Efficiency	>=120Lm/w
LED working voltage	6.4v (150ma)
Pole Entry Dia	Ø37mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Working Life	60000 HRS
Body Type	Aluminum
Dimension	370x135x55
IP Rating	IP65

PHOTON-SSL12E5



Number of LEDs	30
Power Consumption	12W (+/- 10%)
Maximum Lumens	1440
Weight / LED Beam Angle	1.4KG / 120°
LED luminous Efficiency	>=120Lm/w
LED working voltage	3.25v(120ma)
Pole Entry Dia	Ø37mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Working Life	60000 HRS
Body Type	Aluminum
Dimension	370x135x55
IP Rating	IP65

PHOTON-SSL12E5



Number of LEDs	12
Power Consumption	12W (+/- 10%)
Maximum Lumens	1440
Weight / LED Beam Angle	0.9KG / 120°
LED luminous Efficiency	>=120Lm/w
LED working voltage	6.4v (150ma)
Pole Entry Dia	Ø44mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Working Life	60000 HRS
Body Type	Aluminum
Dimension	350x90x60
IP Rating	IP65

PHOTON-SSL15E5S



Number of LEDs	36
Power Consumption	15W (+/- 10%)
Maximum Lumens	1800
Weight / LED Beam Angle	0.9KG / 120°
LED luminous Efficiency	>=120Lm/w
LED working voltage	3.25v(120ma)
Pole Entry Dia	Ø44mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Working Life	60000 HRS
Body Type	Aluminum
Dimension	350x90x60
IP Rating	IP65

PHOTON-SSL15



Number of LEDs	12
Power Consumption	15W (+/- 10%)
Maximum Lumens	2100
Weight / LED Beam Angle	1.4KG /80°
LED luminous Efficiency	>=140Lm/w
LED working voltage	3.18v(350ma)
Pole Entry Dia	Ø37mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Optics per fixture	60x135° or 85x135°
Working Life	60000 HRS
Body Type	Aluminum
Dimension	370x135x55
IP Rating	IP65

PHOTON-SSL15S



Number of LEDs	12
Power Consumption	15W (+/- 10%)
Maximum Lumens	2100
Weight / LED Beam Angle	0.9KG /80°
LED luminous Efficiency	>=140Lm/w
LED working voltage	3.18v(350ma)
Pole Entry Dia	Ø44mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Optics per fixture	60x135° or 85x135°
Working Life	60000 HRS
Body Type	Aluminum
Dimension	350x90x60
IP Rating	IP65

PHOTON-SSL15E



Number of LEDs	15
Power Consumption	15W (+/- 10%)
Maximum Lumens	1800
Weight / LED Beam Angle	1.4KG /120°
LED luminous Efficiency	>=120Lm/w
LED working voltage	6.4v (150ma)
Pole Entry Dia	Ø37mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k°
Working Life	60000 HRS
Body Type	Aluminum
Dimension	370x135x55
IP Rating	IP65



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PHOTON-SSL18



Number of LEDs	14
Power Consumption	18W (+/- 10%)
Maximum Lumens	2520
Weight / LED Beam Angle	1.4KG /80°
LED luminous Efficiency	>=140Lm/w
LED working voltage	3.18v(350ma)
Pole Entry Dia	Ø37mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Optics per fixture	60x135° or 85x135°
Working Life	60000 HRS
Body Type	Aluminum
Dimension	370x135x55
IP Rating	IP65

PHOTON-SSL18E



Number of LEDs	18
Power Consumption	18W (+/- 10%)
Maximum Lumens	2160
Weight / LED Beam Angle	1.4KG /120°
LED luminous Efficiency	>=120Lm/w
LED working voltage	6.4v (150ma)
Pole Entry Dia	Ø37mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Working Life	60000 HRS
Body Type	Aluminum
Dimension	370x135x55
IP Rating	IP65

PHOTON-SSL20ES



Number of LEDs	20
Power Consumption	20W (+/- 10%)
Maximum Lumens	2400
Weight / LED Beam Angle	0.9KG /120°
LED luminous Efficiency	>=120Lm/w
LED working voltage	6.4v (150ma)
Pole Entry Dia	Ø44mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Working Life	60000 HRS
Body Type	Aluminum
Dimension	350x90x60
IP Rating	IP65



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PHOTON-SSL22E



Number of LEDs	20
Power Consumption	22W (+/- 10%)
Maximum Lumens	2640
Weight / LED Beam Angle	0.9KG /120°
LED luminous Efficiency	>=120Lm/w
LED working voltage	6.4v (150ma)
Pole Entry Dia	Ø44mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-5500 k
Working Life	60000 HRS
Body Type	Aluminum
Dimension	370x135x55
IP Rating	IP65

PHOTON-SSL24



Number of LEDs	12
Power Consumption	24W (+/- 10%)
Maximum Lumens	3360
Weight / LED Beam Angle	1.4KG /120°
LED luminous Efficiency	>=140Lm/w
LED working voltage	3.05v(700ma)
Pole Entry Dia	Ø37mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-5500 k
Optics per fixture	60x135° or 85x135°
Working Life	60000 HRS
Body Type	Aluminum
Dimension	370x135x55
IP Rating	IP65

PHOTON-SSL30



Number of LEDs	14
Power Consumption	30W (+/- 10%)
Maximum Lumens	4200
Weight / LED Beam Angle	1.4KG /120°
LED luminous Efficiency	>=140Lm/w
LED working voltage	3.05v(700ma)
Pole Entry Dia	Ø37mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Optics per fixture	60x135° or 85x135°
Working Life	60000 HRS
Body Type	Aluminum
Dimension	370x135x55
IP Rating	IP65



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PHOTON-SSL30E5



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Number of LEDs	72
Power Consumption	30W (+/- 10%)
Maximum Lumens	3600
Weight / LED Beam Angle	1.4KG /120°
LED luminous Efficiency	>=120Lm/w
LED working voltage	3.25v (120ma)
Pole Entry Dia	Ø37mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Working Life	60000 HRS
Body Type	Aluminum
Dimension	370x135x55
IP Rating	IP65

PHOTON-SSL36



CE RoHS

Number of LEDs	16
Power Consumption	36W (+/- 10%)
Maximum Lumens	5040
Weight / LED Beam Angle	2.5KG /120°
LED luminous Efficiency	>=140Lm/w
LED working voltage	3.05v (700ma)
Pole Entry Dia	Ø54mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Optics per fixture	60x135° or 85x135°
Working Life	60000 HRS
Body Type	Aluminum
Dimension	390x185x67
IP Rating	IP66

PHOTON-SSL45



CE RoHS

Number of LEDs	20
Power Consumption	45W (+/- 10%)
Maximum Lumens	6300
Weight / LED Beam Angle	2.5KG /120°
LED luminous Efficiency	>=140Lm/w
LED working voltage	3.05v (700ma)
Pole Entry Dia	Ø54mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Optics per fixture	60x135° or 85x135°
Working Life	60000 HRS
Body Type	Aluminum
Dimension	390x185x67
IP Rating	IP66

PHOTON-SSL48



Number of LEDs	21
Power Consumption	48W (+/- 10%)
Maximum Lumens	6720
Weight / LED Beam Angle	2.5KG /120°
LED luminous Efficiency	>=140Lm/w
LED working voltage	3.05v(700ma)
Pole Entry Dia	Ø54mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Optics per fixture	60x135° or 85x135°
Working Life	60000 HRS
Body Type	Aluminum
Dimension	390x185x67
IP Rating	IP66

PHOTON-SSL48E5



Number of LEDs	120
Power Consumption	48W (+/- 10%)
Maximum Lumens	5760
Weight / LED Beam Angle	2.5KG /120°
LED luminous Efficiency	>=120Lm/w
LED working voltage	3.25v(120ma)
Pole Entry Dia	Ø54mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Working Life	60000 HRS
Body Type	Aluminum
Dimension	390x185x67
IP Rating	IP66

PHOTON-SSL50



Number of LEDs	24
Power Consumption	52W (+/- 10%)
Maximum Lumens	7280
Weight / LED Beam Angle	2.5KG /120°
LED luminous Efficiency	>=140Lm/w
LED working voltage	3.05v(700ma)
Pole Entry Dia	Ø54mm
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Optics per fixture	60x135° or 85x135°
Working Life	60000 HRS
Body Type	Aluminum
Dimension	390x185x67
IP Rating	IP66



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PHOTON-SSL60



Number of LEDs	28
Power Consumption	60W (+/- 10%)
Maximum Lumens	8400
Weight / LED Beam Angle	3.5KG /120°
LED luminous Efficiency	>=140Lm/w
LED working voltage	3.05v (700ma)
Pole Entry Dia	Ø54mm
CRl	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Optics per fixture	60x135° or 85x135°
Working Life	60000 HRS
Body Type	Aluminum
Dimension	410x233x67
IP Rating	IP66

Solar Power Pack

Today households need continuous and regular access to power for various needs. Solar power packs are designed to provide electricity in homes with intermittent or no grid electricity. The power packs being modular in construction can be customised to generate and provide solutions for individual needs.



Solar power packs can begin at about 1000 watts, going up to a few kilowatts. A typical 4-person semi urban/urban home can have a good mix of solar power and grid power balance by choosing to install a 1 KW solar power pack.

Solar Water Pump

A solar water pump has a mini power house at its heart and consists of a calibrated and matching solar array of modules – tuned with the equivalent power of pump for that particular application.

The solar water pumping system is capable of running all types of electrical water pumps with applications varying from irrigation to household demands.

Irrigation pumps such as submersible, surface or deep well can also be coupled with drip irrigation systems to enhance the returns from this configuration.



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PHOTON-SFL10



Number of LEDs	27
Power Consumption	12W (+/- 10%)
Maximum Lumens	1440
Weight / LED Beam Angle	0.45KG /120°
LED luminous Efficiency	>=120Lm/w
LED working voltage	3.25v (120ma)
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Working Life	60000 HRS
Body Type	Aluminum
Dimension	115x85x80
IP Rating	IP66



PHOTON-SFL20



Number of LEDs	54
Power Consumption	20W (+/- 10%)
Maximum Lumens	2400
Weight / LED Beam Angle	1.1KG /120°
LED luminous Efficiency	>=120Lm/w
LED working voltage	3.25v (120ma)
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Working Life	60000 HRS
Body Type	Aluminum
Dimension	180x140x100
IP Rating	IP66



PHOTON-SFL30



Number of LEDs	84
Power Consumption	30W (+/- 10%)
Maximum Lumens	3600
Weight / LED Beam Angle	1.9KG /120°
LED luminous Efficiency	>=120Lm/w
LED working voltage	3.25v (120ma)
CRI	70-82
Input Voltage	12V/24V
Color	Cool White/Warm White
CCT	2700-6500 k
Working Life	60000 HRS
Body Type	Aluminum
Dimension	235x185x110
IP Rating	IP66



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## MPPT SOLAR CHARGER

- Based on Intelligent Micro-Controller
- Automatic Selection of Panel Voltage (12V/24V/36V)
- Automatic MPPT Voltage Setting based on Solar Panel Size
- Parameterized Setting of Full Voltage Cut-off for Battery
- Password Protection for Preventing Accidental Change of Parameters.
- Ready with Accessories to Plug n Play with Solar Panel

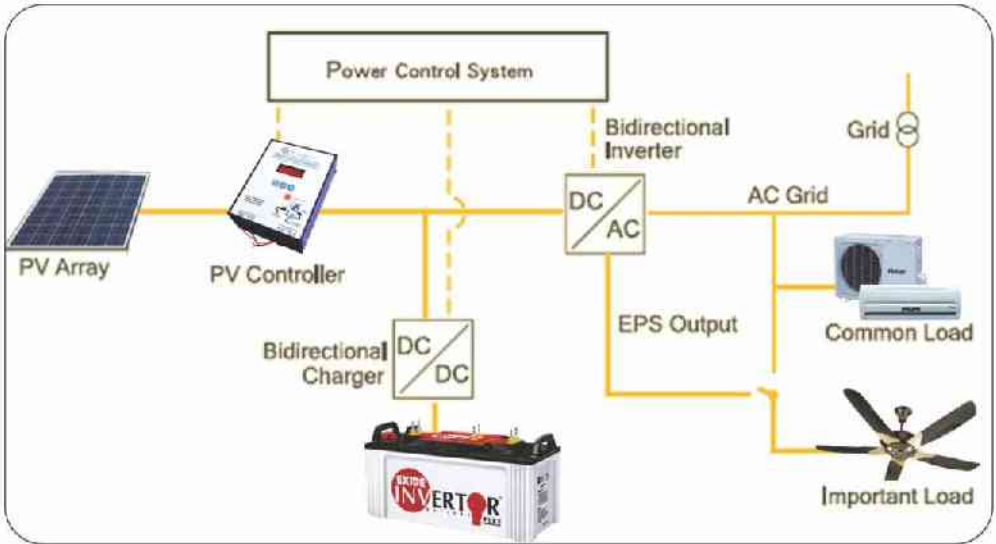


## Hybrid Solar Inverter

Photronics Self-use Energy Storage System converts DC electricity generated by solar panels to AC electricity for load to DC for the battery.

The electricity will be provided for existing load first and the excess electricity will be stored in the battery. Once the power goes down, the inverter will activate the Emergency Power Supply to ensure the energy from the batteries can be used for power.

Best usage- Homes, Offices, ATMs, Petrol Pumps etc...



- INTELLIGENT POWER PRIORITY
- STORE ENERGY FOR NIGHT USAGE
- EMERGENT POWER SUPPLY
- CHARGE BATTERY FROM GRID
- USE IN RAINY CONDITIONS
- EASILY INTEGRATED WITH EXISTING INVERTER

## Accreditation

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**NSIC**



**MSME**  
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## PHOTONICS LED TUBE LIGHT

LED tube light is an environment-friendly semiconductor lighting which possesses a number of advantages over the conventional ones such as no flashing, soft light and high color-rendering index that are favorable for the user's eyesight and physical health. With general-standard design of the structure, LED tube can directly replace the conventional fluorescent tube light without any external driver or electric power, and can be widely used in common interior lighting places.

- Benefits:**
- **Energy saving:** Compared with the conventional fluorescent tube light, the power consumption saving rate is over 60% under the same illumination.
  - **High Luminous Efficacy:** using the high luminous efficacy and high reliability SMD light source.

### PHOTON-LED TUBE LIGHT



Model	Photon-TL10	Photon-TL18	Photon-TL22
<b>Watts</b>	10W	18W	22W
<b>Lumens</b>	1000LM	1800LM	2200LM
<b>Voltage</b>	90-265 V AC 190-265 V AC	90-265 V AC 190-265 V AC	90 265 V AC 190-265 V AC
<b>Dimensions</b>	Φ26*604mm	Φ26*1214mm	Φ26*1214mm
<b>Dimmable Feature</b>	Yes (Optional)	Yes (Optional)	Yes (Optional)
<b>CRI</b>	>80	>80	>80
<b>Beam angle</b>	120°	120°	120°
<b>Life span</b>	>40000 hrs	>40000 hrs	>40000 hrs

## PHOTONICS LED BULB

These are powerful LED Bulb which runs on 220 V AC supply. As compared to the regular incandescing and CFL, this LED Bulb consume very less power, emit less heat and are highly durable while still giving a similar light output. They offer attractive payback periods. We are providing solution 5w, 8w etc.

- Benefits:**
- Save money and energy by using LED bulbs. Generally, an LED consumes. This incredibly low consumption means you will save on your energy costs right from the start
  - The solid state technology of an LED is very durable and can withstand high levels of shock and vibration. It's able to operate in extreme temperatures cold, or hot. (-35° C to 80° C).
  - LED's convert almost all the energy used into the light output, making them a highly efficient light source. LED's generate less than 30% of the heat of traditional lighting Technologies. With minimal heat generated, LED's are safe to the touch and do not produce any harmful UV rays.

### PHOTON-LED BULB



Model	Photon-BL3	Photon-BL5	Photon-BL7	Photon-BL9	Photon-BL12
<b>Watts</b>	3W	5W	7W	9W	12W
<b>Voltage</b>	AC145-265V	AC145-265V	AC145-265V	AC145-265V	AC145-265V
<b>Lumens</b>	339LM	565LM	791LM	1017LM	1356LM
<b>Base</b>	B22/E27	B22/E27	B22/E27	B22/E27	B22/E27
<b>Beam angle</b>	120°	120°	120°	120°	120°



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# Exhibitions Pictures



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Our Gift of PHOTONICS LED Lights to Iconic Symbol of India  
& UNESCO World Heritage Site, The Red Fort, Delhi.

*A Lighting Salute to the Nation...*



# ASI chooses Red Fort as model for power efficiency

[Richi.Verma@timesgroup.com](mailto:Richi.Verma@timesgroup.com)

**New Delhi:** Red Fort has become the Archaeological Survey of India's (ASI) model project for energy efficiency. The world heritage site's annual electricity bill of Rs 3-4 crore is set to reduce by approximately 70% as a Gujarat-based company has donated electric equipment worth several lakhs to ASI.

With the donated electric equipment, ASI has installed energy efficient lighting for the front illumination, garden lighting and internal roads from Lahori Gate to Delhi Gate. The equipment donated to Red Fort includes around 300 LED lights, 150 bulbs, among others. "With the LED lighting now in place in major segments inside the monu-

ronment and gives more output. We learnt that harsh lighting in various monuments were harmful to the façade and came up with the idea to donate LED lights. We thought of Taj Mahal and Red Fort first and donated materials worth about Rs 23 lakh for the latter," said Rakshit Shah, GM of Gandhinagar-based Photonics who donated the equipment.

The 17th century monument consumes the most power of all ASI-protected buildings in

**The world heritage site's annual electricity bill of ₹3-4 crore is set to reduce by 70% with the equipment donated to ASI**

Times Of India Dated 20th Sept.,2014



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# PHOTONICS™

## PHOTONICS WATERTech Pvt. Ltd.

Authorised Dealer / Distributor

### Reg. Office

1, Malhar Complex, First Floor,  
Beside Sola Railway Over bridge,  
Bhamariya, Sola Science city Road,  
Ahmedabad-380061.

### Branch Office

D-67, Paryavaran Complex,  
IGNOU Road, New Delhi - 110030.

### Overseas Sales Division

Equator Exim Pvt. Ltd.  
Phone: +91 8128674207  
Email: info@equatorexim.com

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