



Leading In....

# LED Lighting



**OLIVE L.E.D.**<sup>®</sup>  
The light you can trust  
An ISO 9001:2008 Certified Company



# A Journey of 25 Years



## OUR A BRIEF OVERVIEW

Olive Exports Pvt. Ltd. Incorporated in 1994 With its brand name "OLIVE LED" is Research, Design, Development, Engineering, manufacturing and customisation of energy saving LED-based lighting systems, all solutions for UVA, UVB & UVC LED solutions and electronic component/products company. The working of company is driven by a deep sense of social responsibility and commitment. As a customer-centric company practicing the best management techniques in employee engagement, Olive Exports has carved a place for itself in the highly competitive Indian LED-based lighting industry.

As a truly responsible company working in the larger national interest with the customer at its focus, Olive Exports with its strong R&D and design capabilities also has set the goal of developing the LED-based lighting industry in India. The company has over the years introduced innovative designs and modern technologies in its products to give the customer a truly satisfying international experience.



## PRODUCT TECHNICALITIES

To cater to the wide customer base, Olive LED manufactures a variety of indoor and outdoor LED lighting and UVA, UVB & UVC products for both AC and DC input power supply. In addition, we also manufacture products for solar application with 12V DC input. Our speciality is that we manufacture products with a range of DC input like 12V, 24V, 48V, 90V, 110V or any other specific input power as specified by the customer.

Our company designs products to work on universal input range of 90V to 290V AC input while at the same time factoring in all adverse conditions like surge, spike and voltage fluctuations, under and over voltage protection. In case of specific adverse conditions on installation sites, we advise some extra protections like HVP, SPD & lightning protections as and when required.

At Olive LED, we use complete heat sink housing for fixing LEDs and the life of our housing is geared to support the expected life of LEDs, that is, approx. 50,000 hours or more. Further, ingress protection is also provided according to customer requirements. Our outdoor products are rated at minimum IP-65. Further, LEDs are soldered on MCPCB according to international standards adhering to complete curing process so as to protect the LEDs from moisture and humidity.

The drivers are designed to provide all possible protection against voltage and up to 10KV surge. Our products and the LED drivers are tested in our factory as per requirement of lighting products and these are suitable for universal input. The company has developed its own moulds for all the street lights, bay lights and flood lights after due R&D and design. As a result, many of our products have been patented by Government of India.

In the process, Olive LED has earned the reputation for providing 'True Value for Money'. Our strength is quality along with competitive pricing and our customer base includes many well-known national and international organizations.

When you think of LED-based lighting systems, Olive Exports is a natural choice. Backed by strong R&D facilities, a professional and qualified team, wide product range, international and national certifications, commitment to quality and excellent after-sales service, Olive Exports has over the years emerged as the leading player in India in the LED lighting industry.

*Golden Temple*



## OUR INFRASTRUCTURE

Olive's excellence in LED lighting sector begins with a robust infrastructure. We have in place two state-of-the-art factories of 700 sq. mtrs each with installed capacity of 5000 PCS, a prudent team of R&D and quality experts, industry's best manpower, and a well organized supply and service chain.

Our manufacturing units are outfitted with the latest machineries and tools, including CAD/CAM for design, LED sensors, LED analyzer, ICT, ATE and much other instrumentation that make the high-end infrastructure for LED lighting production.

We also boast of a sophisticated research cell where intensive research and development activities are undertaken by our specialized team of R&D experts for product improvement in line with global market trends.

Further, we have a high-tech packaging unit, wherein packing of all our products is done using industry recommended materials under strict supervision of experts and in consonance with exact requirements of our esteemed clients.

With our up-to-date infrastructure we remain ready to customize products according to market demand. This also enables us to produce export quality products and meet the client's bulk requirements at a short notice and with the confidence of clients.



#### LED : BRIGHT LIGHT FOR SUSTAINABILITY

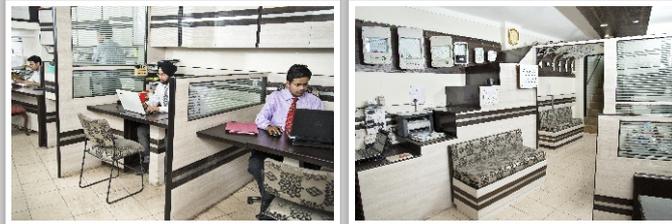
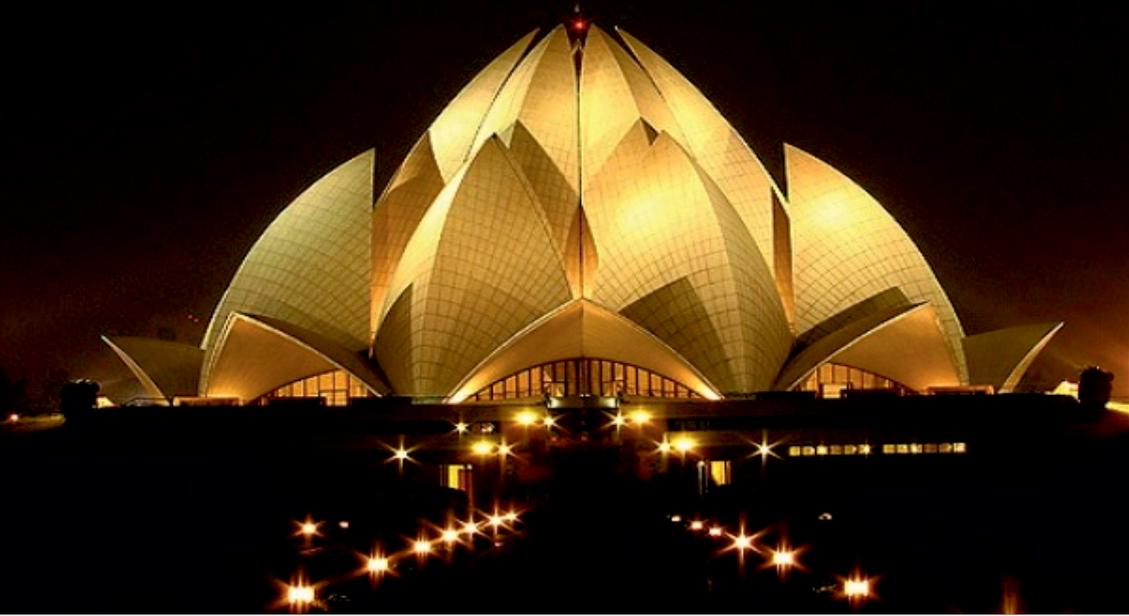
It's a scientifically proven fact that LED bulbs use 90% less electricity than other bulbs. An Led light bulb can last you up to 100,000 hours compared to 8,000 for compact fluorescent and 1,000 for an incandescent. That averages out to 12 hours of light per day for 12 years.

The best way to conserve energy is to use less of it. And LED bulbs are a perfect fit in this regard. LED light bulbs are directional - that means they only put the light where you aim it or where you need it. Incandescent bulbs and most of the compact fluorescent bulb, on the other hand, just sit there and throw their glow all over the place - wasting electricity and generating much heat towards global warming.

#### SALIENT FEATURES & ADVANTAGES OF OLIVE LIGHTS

1. Saves energy of around 85 per cent
2. Pay back period is quite good
3. Reduction in maintenance – As the existing product has number of tube lights and ballasts which has a maximum of 6,000 hours' life but LED lights have a life of 50,000 hours (with L-70 factor) and our manufactured products are warranted for minimum 2 years
4. Almost zero investment on inventory
5. Less manpower required in maintenance as life span of LED lights is long
6. Expenses for repairing high-end lighting will reduce as cranes and other staff are not required frequently
7. We can manufacture LED lights with intelligent devices, that is, timer installations, dimming facilities, movement sensors, LDR, Dusk to Dawn with Solar (automatic On/Off)
8. Earn carbon credit (Green House Emission)
9. More power to light instead of power to heat
10. Consistent operation from 110V to 310V alongwith all ranges of DC 12/24/48/90/100V, SOME specific AV INPUT like 24VAC also available.
11. State-of-the-art stylish and ergonomic designs
12. No light pollution
13. Proven technology in a cost-effective package
14. Doesn't expose building occupants to mercury in event of breakage
15. Doesn't present hazardous waste disposal concerns
16. Inventory for LED maintenance is zero whereas for all other conventional lighting system: incandecent lamps, halogen, HPSV, Tube lights, T-5 CFL lights is very high





## OLIVE'S ACHIEVEMENTS

We have around 10 patents into the domain of LED lighting for which we have got certification from Government of India and many other accrediting agencies of global stature. Presently, we have over 25 products on our profile, and lately we have filed application to get patent for a revolutionary LED light that has potential to save the power load up to 98% for some specific uses.

We are one of the biggest manufacturers in India for LED lighting product and one among the chosen few companies in India that have earned coveted Carbon Credit for our innovative and eco-friendly products.

As we follow a well thought-out quality management program - through which we systematically monitor and objectively evaluate the quality, efficiency and effectiveness of our products and services, we have been accorded ISO 9001:2008 certification.

Our products remain the best choice in industry for having unmatched electrical specification and delivering the highest performance. This has made us stand atop in the field of LED lighting products.

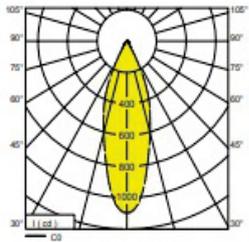
## CERTIFICATION AND CREDENTIALS

- \* AN ISO 9001:2008 CERTIFIED COMPANY
- \* SSI, MSME, NSIC APPROVED COMPANY
- \* FIRST AWARD FROM : ASSOCHAM "RISING MAKE IN INDIA STAR OF THE YEAR 2018 "
- \* R&D, MANUFACTURING AND TESTING FACILITIES AT DELHI & HARYANA
- \* PATENT CERTIFICATES FOR INNOVATED LED PRODUCTS
- \* COMPANY HAVING INFRASTRUCTURE & FACILITIES AS PER BIS STANDARDS
- \* DGS&D ENLISHMENT FOR ALL INDOOR & OUTDOOR LED PRODUCTS
- \* MNRE APPROVED PRODUCTS MANUFACTURING COMPANY
- \* BIS, CE & RoHS, and FCC APPROVED PRODUCTS
- \* OEM FOR LARGE GROUPS IN INDIA
- \* REGISTERED WITH BEE AS ESCO
- \* EMPANELLED WITH EESL FOR SUPPLY OF INDOOR, OUTDOOR AND SOLAR LIGHTING SYSTEMS
- \* MANUFACTURING AS PER RDSO STANDARDS & PRODUCTS INSPECTED BY RITES
- \* APPROVED VENDOR FOR NATIONAL THERMAL POWER CORPORATION (NTPC)
- \* APPROVED VENDOR FOR BHARAT PETROLEUM CORPORATION LIMITED (BPCL)
- \* APPROVED SUPPLIER FOR MINISTRY OF DEFENCE AND INDIAN NAVY
- \* REGISTERED VENDOR IN INDIAN RAILWAYS, DMRC AND CHHITTARANJAN LOCOMOTIVE WORKS
- \* ENERGY SERVICE COMPANY REGISTERED BY CARE RATING.
- \* CUSTOMISATION FACILITIES
- \* CERTIFIED BY NSIC-ONICRA CREDIT RATING AGENCY OF INDIA LTD
- \* LM-79 CERTIFIED PRODUCTS FROM NABL ACCREDITED LABORATORIES (ERDA, etc)
- \* AWARDED BY ASSOCHAM - CERTIFICATE OF EXCELLENCE FOR OUTSTANDING PERFORMANCE YEAR 2015-16

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Litex LED - Rack Optic

## Model No. LED Head Light RS1/RS3

### Housing Specification

Body Material	Aluminum
Ingress Protection	IP-65
Cover	Glass
Gasket	Silicon
Accessories	Stainless Steel
Paint	Powder Coating
Mounting	Via screws
Power Cord	0.75mm <sup>2</sup> triple shield wire
Certificate	CE, RoHS, BIS, FCC, BEE

### Technical Specifications

Voltage Range	110V DC/ 24V DC
Power Consumption	As per sheet below
PF	>0.95
THD	<15%
Phase type	Single phase
Internal wiring	Teflon
Input wire	3 Core (Red Phase, Black Neutral, Green Ground)
Frequency	50Hz-60Hz
Efficiency	>85%
Illuminance Design	LED + Lenses
Storage Temperature	-25°C ~ +65°C (Best 25°C)

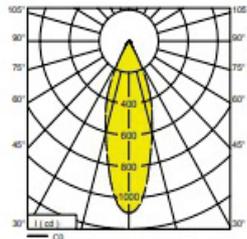
### Lighting Specifications

Available wattages	15 watts to 50 watts
No. of LEDs	Optional
Lumens Output (Datasheet)	145 lumens/Watts
Color Temperature	2800~6500k(optional)
Beam Angle	120°
CRI	>80 Ra
Operating Temp.	-40°C to 60°C
Life Span	>50000H

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Litex LED - Rack Optic

## Model No. LED Head Light RS2

### Housing Specification

Body Material	Aluminum
Ingress Protection	IP-65
Cover	Toughened Glass
Gasket	Silicon
Accessories	Stainless Steel
Paint	Powder Coating
Mounting	On 4 screws
Power Cord	0.75mm <sup>2</sup> triple shield wire
Certificate	CE, RoHS, BIS, FCC, BEE

### Technical Specifications

Voltage Range	110V DC/ 24V DC
Power Consumption	As per sheet below
PF	>0.95
THD	<15%
Phase type	Single phase
Internal wiring	Teflon
Input wire	3 Core (Red Phase, Black Neutral, Green Ground)
Frequency	50Hz-60Hz
Efficiency	>85%
Illuminance Design	LED + Lenses
Storage Temperature	-25°C ~ +65°C (Best 25°C)

### Lighting Specifications

Available wattages	15 watts - 50 watts
No. of LEDs	Optional
Lumens Output (Datasheet)	145 lumens/Watts
Color Temperature	2800~6500k(optional)
Beam Angle	120°
CRI	>80 Ra
Operating Temp.	-40°C to 60°C
Life Span	>50000H

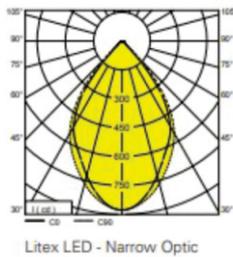
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**Model No. Saloon Light T5 Retrofit**



### Housing Specification

Body Material	Aluminum
Dimension	1-5 feet (Optional)
Weight	100 gm (Variable)
Ingress Protection	IP-20
Cover	Polycarbonate
Gasket	Silicon
Accessories	Stainless Steel
Paint	Powder Coating
Mounting	T12 and T10
Power Cord	0.75mm <sup>2</sup> triple shield wire
Certificate	CE, RoHS, BIS, FCC, BEE

### Technical Specifications

Voltage Range	90V-290V AC/ 110v DC
Power Consumption	As per sheet below
PF	>0.95
THD	<15%
Phase type	Single phase
Internal wiring	Teflon
Input wire	3 Core (Red Phase, Black Neutral, Green Ground)
Frequency	50Hz-60Hz
Efficiency	>85%
Illuminance Design	LED + Reflector
Storage Temperature	-25°C ~ +65°C (Best 25°C)

### Lighting Specifications

Available wattages	6 watts to 30 watts
No. of LEDs	Optional
Lumens Output (Datasheet)	145 lumens/Watts
Color Temperature	2800~6500k(optional)
Beam Angle	120°
CRI	>80 Ra
Operating Temp.	-40°C to 60°C
Life Span	>50000H

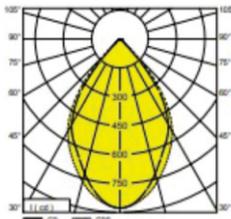
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**Model No. Saloon Light T8 Retrofit**



Litex LED - Narrow Optic

### Housing Specification

Body Material	Aluminum
Dimension	1-4 feet (Optional)
Weight	100 gm (Variable)
Ingress Protection	IP-20
Cover	Polycarbonate
Gasket	Silicon
Accessories	Stainless Steel
Paint	Powder Coating
Mounting	T12 and T13
Power Cord	0.75mm <sup>2</sup> triple shield wire
Certificate	CE, RoHS, BIS, FCC, BEE

### Technical Specifications

Voltage Range	90V-290V AC/ 110v DC
Power Consumption	As per sheet below
PF	>0.95
THD	<15%
Phase type	Single phase
Internal wiring	Teflon
Input wire	3 Core (Red Phase, Black Neutral, Green Ground)
Frequency	50Hz-60Hz
Efficiency	>85%
Illuminance Design	LED + Reflector
Storage Temperature	-25°C ~ +65°C (Best 25°C)

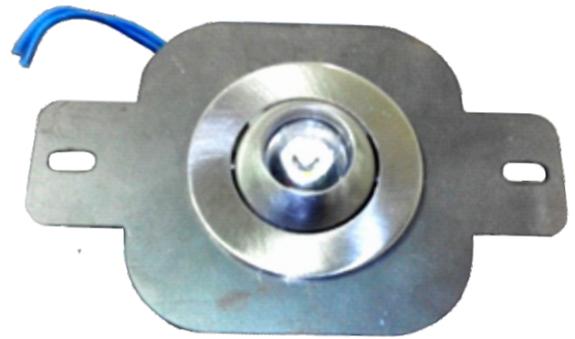
### Lighting Specifications

Available wattages	6 watts to 24 watts
No. of LEDs	Optional
Lumens Output (Datasheet)	145 lumens/Watts
Color Temperature	2800~6500k(optional)
Beam Angle	120°
CRI	>80 Ra
Operating Temp.	-40°C to 60°C
Life Span	>50000H

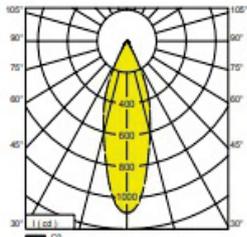
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**Model Name RS1 Console Light**



Litex LED - Rack Optic

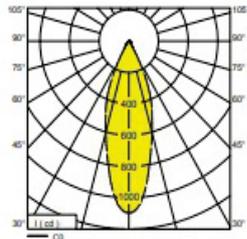
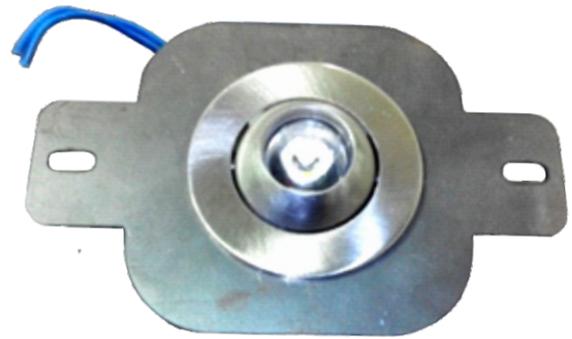
### Lighting Specifications

Input Voltage	24v DC
Wattage	1.75 watt
CRI	>80Ra
Make of LED	OSRAM
Application	Indoor
Life Spam	50,000 Hours

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Litex LED - Rack Optic

**Model Name RS3 Console Light**

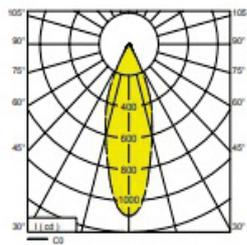
### Lighting Specifications

Make of LEDs	OSRAM/PHILIPS/SAMSUNG/SEOUL/EQUIVALENT
Working Voltage Range	110V DC
Power Consumption	1 watt. Approx
Lumens Output	100-160
Color Temperature	Cool White 6500k
Beam Angle	60°
CRI	>80Ra
Application Efficiency	100%
Operating Temperature	-20 to 60° C
Working Humidity	<95%
Life Span	50,000 Hours Approx
PCB Material	FR4/CM1
Dimension	As per given fitting
Warranty	60 months

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Litex LED - Rack Optic

## Model Name Airport Line Console Light

### Lighting Specifications

Parameters	3 watts	3 watts
Make of LEDs	OSRAM / PHILIPS / EDISION	OSRAM / PHILIPS / EDISION
Working Voltage Range	12V DC	90V-290V DC
Power Consumption	3-4 watt. Approx	7-8 watt. Approx
Lumens Output	350-400	800
Color Temperature	Cool White 6500k	Warm White 3000k
Beam Angle	45°	45°
CRI	>80Ra	>80Ra
Application Efficiency	100%	100%
Operating Temperature	-20 to 60° C	-20 to 60° C
Working Humidity	<95%	<95%
Life Span	50,000 Hours Approx	50,000 Hours Approx
Power Factor	-	>0.98
THD	-	<15%
Power efficiency	>85%	>80%
Body Material	Aluminum	Aluminum



DOL Light



FLASHER Light



EMC Filter card



Marker/Tail Light MCPCB



Marker/Tail Light Driver Card



Cubical Maintenance Light



Rad Card

### Lighting Specifications

Make of LEDs	OSRAM/PHILIPS/SAMSUNG/SEOUL
Working Voltage Range	110V DC
Power Consumption	12 watt. Approx
Lumens Output	1200
Color Temperature	Cool White 6500k
Beam Angle	120°
CRI	>80Ra
Application Efficiency	100%
Operating Temperature	-20 to 60° C
Working Humidity	<95%
Life Spam	50,000 Hours Approx
PCB Material	FR4/CM1
Dimension	As per given fitting
Warranty	60 months



**Some of Our Esteemed Clients**



and many more....

**OLIVE EXPORTS PVT. LTD.**

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