

# Energy Saving LED Lights



Current Technologies ●

Green India . . . Green Earth !!!



## Specifications for Energy Saving LED Lamps

Input Voltage	: 100-310 VAC / 50 Hz (+/- 10%)
Power Factor	: >0.97 (In built Active Power Factor Controller)
Harmonics (THD)	: <13% (In built Harmonic Regulator)
Lumens / Watt	: Minimum 120 Lumens /Watt
Colour Temperature	: 5000-6000°K
CRI (Colour Rendering Index)	: Above 85
LED Life	: Greater than 50000 hours
Operating Temperature	: 0-50°C
Recyclable	: > 88%
Protection	: Specially designed Surge/Spike protection circuit to suit Indian power conditions.
Fixture	: Specially designed Aluminium 6063 grade heat-sink for the best thermal management with safety factor >3.
Eco-Friendly	: Contains no Mercury
Green Technology	: Does not emit UV (Ultra Violet) Rays and IR (Infra Red) Rays like HID Lamps, which are harmful to human life
Ingress Protection	: IP66
Applications	: Manufacturing facilities where good visibility and high color rendering is essential. Places with mechanical vibration.

## Benefits of LED Lamps

**Efficiency:** LED's produce more light per watt than other light sources.

**On/Off Time:** LED's light up very quickly, achieving full brightness within a second.

**Cool Light:** In contrast to most light sources, LED's radiate very less heat.

**Lumens Maintenance:** LED's maintain over 70% of their original luminous flux even at 50,000 burning hours.

**Directionality of light:** LED's are unidirectional, thus they do not waste light like other sources.

**Shock Resistant:** LED's being solid state, are shock proof and robust to mechanical vibrations.

**Light Quality:** LED's give cool white light which makes coloured objects appear natural than in other light sources.



## Energy Saving LED Street Light

Standard Wattage : 40W, 60W, 80W, 100W

Useful to Replace : All types of Florescent and  
HID High Wattage Lamps



## Energy Saving LED High Bay Light

Standard Wattage : 80W, 100W, 120W

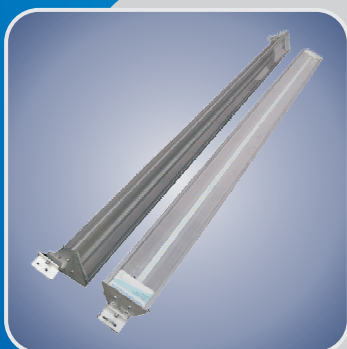
Useful to Replace : All types of Florescent and  
HID High Wattage Lamps



## Energy Saving LED Flood Light

Standard Wattage : 40W, 60W, 80W, 120W

Useful to Replace : All types of Florescent and  
HID High Wattage Lamps



## Energy Saving LED Tube Light

Bus shelters, storage rooms, garage, pathway, etc.

Places where 24x7 light is needed.

Standard Wattage : 9W, 18W, 36W

Length : 2 ft, 4 ft

Useful to Replace : All types of florescent tube lights and bulbs



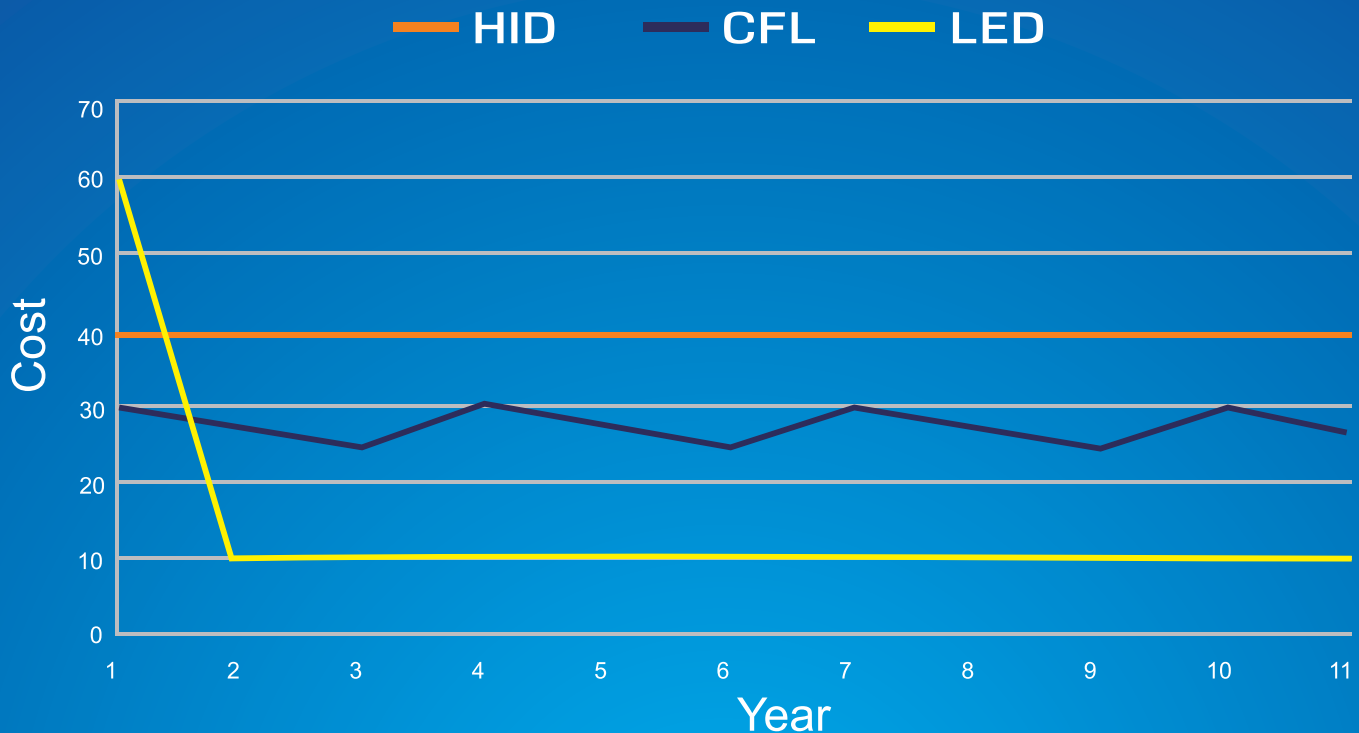
## Energy Saving LED Down Light

Places with Air conditioner where low heat emission is necessary to save energy

Standard Wattage : 12W, 15W, 18W, 24W

Useful to Replace : All types of CFL Down Lights

## Comparison Chart with Other Lights



## Some of our Precious Clients



... and many more in Public and Private Sector...



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