

LED lights

About LEDs: An LED is a two-lead semiconductor light source. It is a p–n junction diode, which emits light when activated. When a suitable voltage is applied to the leads, electrons are able to recombine with electron holes within the device, releasing energy in the form of photons.



About the opportunity: With declining costs and improving performance, LED products have been seeing increased adoption for lighting applications. Over the years, LED is expected to bypass the market demands of the conventional CFL and CCFL lighting. As per research reports, LED lighting market penetration has reached 31 percent of the \$82.1 Billion [INR 55.54 lakh crores] global lighting market in 2015.¹

In India, also LED is slowly gaining acceptance. Many state governments such as Delhi have proposed to replace all street lights with LED over the next two years. Retail consumers too are now aware of the environment friendly nature of LED bulbs, thus facilitating its adoption. LED bulbs are also being used for solar lighting applications.

Report coverage:

1. Process of assembling LED bulbs, machinery needed
2. Machines needed for quality testing
3. Procuring LED./importing LED –quotes from suppliers
4. Market- key international and national players, distributors. trade terms
- .5. Legal & regulatory requirements (including regulatory fee and contact details of consultancy)
5. Schemes and incentives
6. Break-even analysis & Capital requirements (CAPEX), Profitability (Profit per unit)

Contact details:

Write to us: bchhatre@finetrain.com admin@finetrain.com

Call us: 800 888 4932 Visit us: www.finetrain.com

¹ Source: www.ledinside.com