

# LIGHTING LAB

Lab details V1.0



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CENTRE FOR IT IN BUILDING SCIENCE (CBS)

International Institute of Information Technology, Gachibowli, Hyderabad 500 032

## 1 Lighting Lab

The Light Emitting Diode (LED), the primary solid-state lighting technology, has been tapped by scientist, government agencies and energy-efficiency organizations as the next-generation light source for general illumination in homes, offices and outdoor environment. Although solid-state lighting technology may not yet be ready for widespread general lighting use, each incremental improvement in its development opens doors to more applications where it can replace less efficient light source.

The Centre for IT in Building Science (CBS), IITB had setup light testing laboratory with latest instrumentation vis-e-vis Integrating Sphere, WT333 power meter, CL500 Illuminance Spectrophotometer, Standard Photometric Light Source fixtures, etc.



Figure 1: Lighting Lab, CBS