

Zigbee Enabled LED Luminaire with Occupancy Control

LEDs deliver more lumen output and are energy efficient when compared to Fluorescent and Compact Fluorescent lamps (CFL) lamps.

ZigBee is a wireless technology designed to address the unique needs of low-cost, low-power wireless sensor and control networks.

A Zigbee controlled dimmable LED luminaire (ZLED) has been designed and developed by C-DAC for providing energy efficient illumination in buildings.

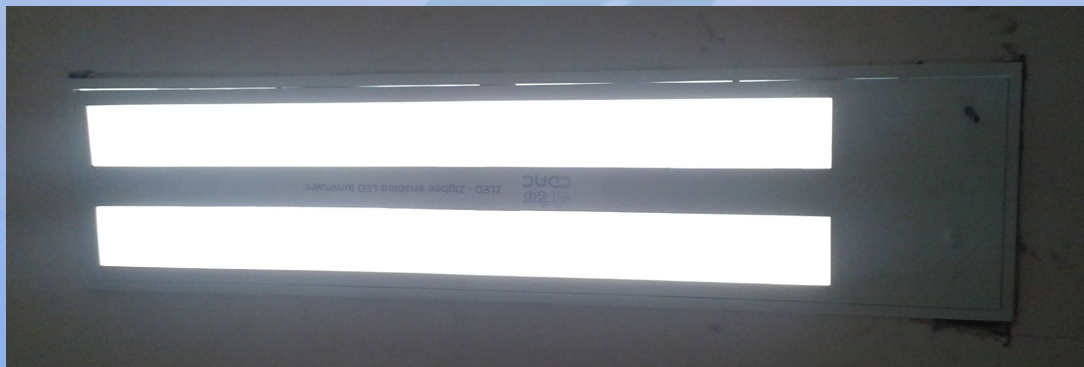
Potential Users:

- LED Light manufactures can use ZLED luminaire in office buildings as a replacement of 2' x 2' and 4'x1' luminaires with traditional Tubular Fluorescent lamps or Compact Fluorescent lamps
- Smart building solution providers



Features

- Wireless control of luminaire using Zigbee
- Thermally stable LED luminaire
- Energy savings with occupancy based control
- Various levels of dimming (5 to 100%) to provide optimum illumination in work plane
- Occupancy based zone or individual luminaire control



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