



Industrial Lighting Demonstration Center

The ILDC has been created by Illuminart to enable visitors to experience first hand the benefits of innovative electric lighting and daylighting solutions in a 25,000 sq ft warehouse.

Illuminart has been receiving inquiries on lighting of factories, warehouses and industrial spaces; for renovations and new construction. Most conversations begin with a review of basic electric lighting systems options but then lead to daylight integration, control systems and the benefits of a more holistic approach to lighting solutions, to further reduce operation costs and to benefit the users and owner, long term.

The best way to demonstrate holistic lighting benefits is for someone to see them in a real life setting! Illuminart has specified and had install an integrated lighting system in this warehouse to be used as a demonstration center. This facility is available by appointment to: architects, engineers, owners, facility managers, and DTE customers to come see a wide variety of industrial lighting systems and benefits first hand!

The ILDC does not promote or endorse a specific product or lighting method, but instead, helps to educate the visitor on the benefits of various lighting solutions and options.

For more information, please see [www.illuminart.net](http://www.illuminart.net).

The warehouse lighting design:

- T8, T5, LED, and Induction lighting systems from numerous manufacturers. The fixtures also feature a variety of accessories (louvers, lenses, wire guards) for review
  - 3 lamp color areas featuring: 3500k, 4000k, 5000k lamps
  - Various illuminance levels from 15fc to 150 fc (from daylight) may be experienced
- Skylights, top lighting, and side lighting (windows) of various sizes and different features can be observed
  - Daylight integration with all electric lighting through dimmable ballasts and photo cells
    - Zone control options form digitally addressed ballasts
    - Occupancy sensors
- An energy monitor to see the energy savings from benefits in real time and projected future savings
  - Life cycle cost analysis and ROI benefits of system options
- Information from the manufacturers providing equipment installed is available

Special thanks to our participating manufacturers:



Advanced Engineering Ideas (AEI)

