



## OMRON Dualtec ECU Facility

LEED Silver industrial facility  
Oakville, Ontario



The OMRON Dualtec Inc. (ODI) facility in Oakville, Ontario, is an important example of how a company-wide commitment to sustainability can result in improved building performance and workplace quality. The building is the Automotive Controls Electronics facility of ODI, a manufacturer of electronics and other components

for the global automotive industry. The ODI facility achieves significant savings in water use, energy consumption, and construction waste. A 27% reduction in VOCs from LEED requirements is achieved through the source control of pollutants, careful selection of furnishings and finishes, and a green housekeeping program.

### Notable Features

- A location chosen to minimize internal company transport
- Full cut-off exterior lighting
- Low-flow plumbing fixtures, including dual-flush toilets and waterless urinals
- Well-insulated building envelope with triple-glazed windows
- Ventilation heat recovery on air handling systems
- Waste heat recovery from manufacturing process equipment
- Energy-efficient lighting design with occupancy/daylighting controls
- Construction waste management plan
- Construction indoor air quality measures
- Low-VOC materials, including GREENGUARD furniture and strawboard millwork
- Comprehensive green housekeeping program
- Green education program, including interactive computer kiosk and signage

**Owner:**  
OMRON Dualtec Inc.

**General Contractor:**  
Cooper Construction

**Architect:**  
Akitt Swanson +  
Pearce Architects

**Our Services:**

- Sustainable Design Facilitation
- Energy Efficiency Consulting
- Mechanical/Electrical Design
- LEED® Consulting & Certification

**Status:**  
LEED-NC Silver Certified  
Completed 2006

### LEED® Project Facts

Gross Floor Area: 8826 (m<sup>2</sup>)

Energy Density: 155 (kWh/m<sup>2</sup>)

Category	% Performance
<b>Water Savings</b>	
Irrigation	100 %
Indoor Use	45 %
<b>Energy Savings</b>	
Waste Diversion	75 %
Recycled Content	19 %
Regional Content	28 %

LEED® Silver



**43%**

Energy Savings



**45%**

Indoor Water Savings



**19%**

Raw Materials Savings