

Project Profile



Newman Consulting Group LLC

Rayconnect, Inc. Rochester Hills, MI



LEED Facts

Rayconnect, Inc.
Rochester Hills, MI

LEED for New Construction
Certification awarded January 27, 2010

Gold **39***

Sustainable Sites 6/14

Water Efficiency 4/5

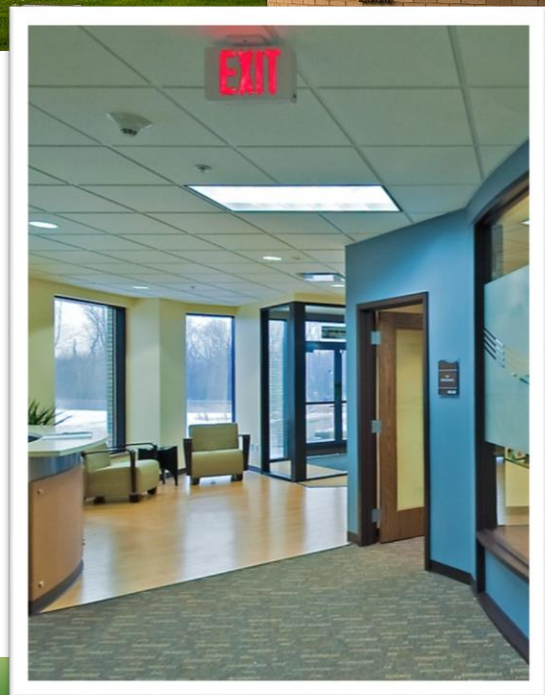
Energy and Atmosphere 8/17

Materials and Resources 7/13

Indoor Environmental Quality 10/15

Innovation in Design 4/5

*Out of a possible 69 points



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Responsibility

“One of our main goals was to build a facility that would demonstrate our commitment to environmental responsibility, and that is what drove every aspect in the design and construction of the facility,” said Earl Brown, President, Rayconnect, Inc. of the 80,000 square foot, state-of-the-art manufacturing facility in Rochester Hills, Michigan.

Rayconnect had two goals for the new building: To create a highly collaborative and extremely efficient facility, and to demonstrate leadership in building and operating an environmentally thoughtful facility.

Leadership

Industrial facilities typically have more challenges when it comes to LEED. With thoughtful planning and a dedicated team managed by an experienced LEED Project Administrator, Rayconnect was able to incorporate many strategies to help earn LEED Gold Certification. During construction, 40% of construction materials came from regional sources, and another 30% of materials used recycled content. 50% of wood products used were from FSC-Certified sources.

In addition to thoughtful use of natural light recycled construction materials, Rayconnect’s building incorporates many specifically “green” features:

- Rain water capture system for outside irrigation results in a 50% reduction in potable landscape water use
- High efficiency lighting systems, including automatic control and sunlight harvesting
- High efficiency cooling tower/chiller that processes water used during manufacturing
- Facility-wide energy management system
- Designated parking for hybrid-electric and plug-in electric vehicles

One additional step was to conduct a complete building air “flush out” prior to moving into the building. This step ensured the best Indoor Air Quality on the very first day of operations.

About Newman Consulting Group

Newman Consulting Group (NCG) helps engineers, building owners and contractors create a superior workplace that reduces energy use as well as negative impacts on the environment while enhancing the health, comfort and productivity of the building occupants. NCG works throughout the world to design and construct more energy-efficient and sustainable buildings to LEED® and Energy Star® Guidelines.

About LEED

The LEED® green building certification program is the national benchmark for the design, construction, and operations of green buildings. Visit the U.S. Green Building Council’s Web site at www.usgbc.org to learn more about LEED and green building.

LEED Project Administrator: Newman Consulting Group

Building Developer: Kirco Manix

General Contractor: Kirco Manix