

The Power to Save

Preserve our environment and make some change

Value Plastics – Sustainable Design Leader

Fort Collins Utilities Integrated Design Case Study

Providing a Better Industry

Value Plastics is a leader in injection molded components for the medical industry, or to the rest of us: plastic tubing connectors and associated components. To help employees focus on the importance of their work, photos on the office walls illustrate the use of their products in a variety of ways, including many shots of their components as a small but important part of a piece of life-saving equipment in a hospital.

Focusing on the big picture is also part of why the company chose to use sustainable design 10 years ago when its main facility was built at 3325 Timberline Road. Value Plastics' commitment to daylighting, energy efficiency and design for flexibility has made the facility a valuable long-term asset for the company and the community.

The manufacturing facility includes a variety of cost-saving and resource-saving elements including:

- strategies that eliminate nearly all plastic waste;
- a computer-controlled landscape irrigation system;
- locally manufactured building materials; and
- daylighting.



Daylighting techniques allow areas of the two-story building to rely completely on natural light during the day.

Built in 1995, the 40,000 square-foot facility has an energy-efficient lighting design. Daylighting techniques allow areas of the two-story building to rely completely on natural light during the day. Based on a comparison with a conventional design, the design saves an estimated 24 percent on total energy costs, according to Steve Steinbicker, project architect for the facility.

Fort Collins Utilities provided expertise and funding to help support the energy modeling and daylighting analysis for the building through the Integrated Design Assistance Program.



Project Details

Facility: Value Plastics
(opened 1995)

Facility Size
40,000 square-feet

Facility Location
Fort Collins, Colorado

Design Team
Architect - Neenan Company
Project Architect - Steve Steinbicker, now with Architecture West, LLC
Contractor - Merit Electric
Daylighting - LightForms
Architectural Lighting, Daylighting and Energy Training Consultants

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