

# Retrofit Reduces Maintenance and Energy Costs



Location: Portland, OR  
Details: Trillium Family Services

*“From a financial perspective, the fixtures have been amazing.”*

- Steve Chinn  
Vice President, Residential Programs



## Project Summary

**Challenge:** Retrofitting a behavioral health facility with high performance lighting that saves energy and maintenance costs while providing a high level of safety for staff and patients.

**Solution:** Durable, high abuse fluorescent lighting with long life and low maintenance.

**Benefit:** Reduced maintenance overtime and cost savings.

## Kenall Lighting Helps Facility Lessen Maintenance and Reduce Costs

### Trillium Family Services. Portland, OR

The Parry Center for Children is a place where children can gain the skills needed to cope with their mental and behavioral health challenges.

By combining scientifically based care that is individualized and family-focused with a treatment venue that is scenic and rejuvenating, the Children's Farm Home offers a place for healing that is unique among Oregon behavioral health facilities.

Oftentimes, the unique needs of behavioral health facilities can make choosing the right luminaires a challenge. Patient and staff safety are top priorities. The safety features required in this environment exceed even those of acute care.

Trillium wanted a lighting system that addressed safety issues, offered higher light levels than the previous, older technology, while at the same time significantly reducing maintenance and energy costs.

After a careful analysis of the schools' needs, the maintenance team selected Kenall's Enviroseal™, Millenium Stretch™ and Mighty Mac™ fluorescent luminaires for their durability, long life and energy savings.

In the Center and Children's Farm Home campuses, 100 Kenall fluorescent high abuse luminaires were installed in all of the unit living rooms, hallways, family rooms/visiting rooms, staff offices, bathrooms and bedrooms.

#### EnviroSeal Features:

- NSF2 listing for ease of cleaning
- IP64 listing option for ingress protection against dust and water
- One-piece, seam-welded housing with end caps welded in place
- Internal linear prismatic lens with smooth exterior

#### Millenium Stretch Features:

- IP64 listing for ingress protection against dust and water
- Extruded, marine-grade aluminum housings
- Extruded high impact polycarbonate or acrylic lenses

#### Mighty Mac features:

- Impact resistant lensing material and thicknesses
- Staked and welded external piano hinge
- Irretrievable blade traps
- Tamper-resistant screws for ease of power tray maintenance

***"We were constantly paying to replace broken fixtures and bulbs as well as having to pay our maintenance staff to work overtime to replace damaged pieces. With the new lights, this is one less issue our facilities' staff has to be concerned about."***

— Steve Chinn, Vice President,  
Residential Programs



Mighty Mac fixtures maintain a bright and cheerful space while providing a level of security.

In addition, several exterior high abuse Millenium FreeScale™ LED lights were also installed in the entrance courtyard adjacent to the Children's Farm Family Center and loading dock.

#### Trillium Benefits:

- Less lighting maintenance
- Cost-and energy-savings
- Sealed lighting to address safety concerns

#### Maintenance Concerns Solved

Prior to the retrofit, broken fixtures were an issue at least once a week. During some weeks, almost every day there would be an incident involving the light fixtures. Since the installation, the school hasn't had one maintenance call.



Mighty Mac™



Millenium Stretch™



EnviroSeal™



Millenium FreeScale™

For more information, please visit us on the web at [www.kenall.com](http://www.kenall.com)



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