

Case Study

Forest Lighting T8 LED Lamps Retrofitted at Ohio Animal Shelter

LED Replacement Lamps Provide Better Light, Reduce Costs

Clermont County, just west of Cincinnati, is one of Ohio's oldest counties; Daniel Boone hunted there and George Washington owned land in Clermont. These were people who respected the land and animals native to the area. This tradition is carried on by Clermont To The Rescue Humane Society, which has saved hundreds of dogs- and other animals- over the years.

But like many charitable institutions, budgets are tight and the dedicated staff is always looking for ways to reduce expenses without hurting the mission of the animal shelter: Recently, a major step was taken toward this goal by creating a partnership with Forest Lighting. Because the office and kennel lighting was accounting for about 30% the shelter's electric bill, the existing T12 fluorescent lamps were retrofitted with Forest Lighting LED T8 Linear Lamps.

"We are very pleased with Forest Lighting and their products. They helped our animal shelter with better lighting and benefited Clermont County taxpayers at the same time."

Margaret Moreno-Coplen, Forest Lighting's VP of Sales, worked with the shelter on the project. "We accomplished our goal of not only cutting energy use by several thousand dollars a year, but over time their maintenance costs will be reduced as well. The new Forest T8 LED lamps deliver a better quality of light, which I believe will have a positive impact on both the staff and the beautiful animals entrusted to their care."



Forest Lighting LED T8 Linear lamps are rated for 50,000 hours of life, and are available in four different color temperatures from 3000K to 6000K. An integrated model is also available, with which lamps can be connected up to 20 feet.



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A lighting audit for the retrofit, which involved 400 LED T8 lamps, projected savings of \$26,000 over the life of the lamps. "Clermont County is pleased with our partnership with Forest Lighting," said Bob Proud, Vice President of the County Board of Commissioners. "The building lighting is visibly improved, and bills will be lower."

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Ed Humphrey, President of the County Board, added, "We are very pleased with Forest Lighting and their products. They helped our animal shelter with better lighting and benefited Clermont County taxpayers at the same time."

Ohio Animal Shelter Project

(Data below is estimated based on standard product costs, labor rates, and \$.05/kW)

Watts Saved per Lamp	13
Lamp Cost Savings per year	\$944.
Labor Savings per Year	\$525.
Total Annual Savings	\$4973.
Total Lifetime Savings	\$26,414.
Investment Payback	16 months

T8 LED Lamp

- 15W / 19W
- 1600 / 1900 Lumens
- 3000K/4100K/5000K/6000K
- 50,000 Hours
- 100 – 277V, Direct AC input
- Integrated (connectable) models available

2-foot length available

