

First Presbyterian Church of Franklin, Tennessee



OVERVIEW

The First Presbyterian Church of Franklin, Tennessee was seeking a lighting solution partner for a complete lighting retrofit as part of a larger facility upgrade project. The existing lighting was highwattage, high-maintenance and an inefficient expenditure of church funds. They were seeking to reduce energy and associated maintenance costs, while improving aesthetics and functionality.

CHALLENGE

- Reduce energy consumption by 50+%
- Reduce maintenance expense by 75%
- Improve illumination and light quality
- Provide dimming and other special control features



SOLUTION

- Complete LED retrofit and replacement
- Install occupancy sensors in key low traffic areas
- Add smart-device, web-based wireless dimming controls for Sanctuary
- All fixtures compliment the overall redesign objectives of the larger project

RESULT

- Energy consumption reduced by 67%
- Maintenance expense reduced by 95%
- Illumination increased by 43% inside, and 250% in the parking lot areas!
- Dimming and special control features added for the Sanctuary

The Helios Energy Impact

10-year energy savings –
\$70,383

10-year maintenance savings –
\$40,861

Total 10-year savings –
\$111,244

Saved 4,668 gallons of gas!

62% reduction in CO2! Equivalent to removing **10** cars from the road per year