

Princeton Church of God



OVERVIEW

Princeton Church of God of Princeton, West Virginia was seeking a lighting solution partner for a complete lighting update across the church and school campus. Existing lighting was highwattage and high-maintenance. They sought to reduce energy and associated maintenance costs while additionally improving controls, aesthetics and functionality.

CHALLENGE

- Cut energy consumption by 55%
- Cut maintenance expense by 90%
- Improve illumination quality
- Add dimming and specialty stage lighting with controls to provide enhanced worship experience



SOLUTION

- Complete LED retrofit and replacement
- Install sensors for exterior and interior spaces
- Add dimming and specialty lighting for the sanctuary
- Install fixtures that complimented the design and layout of the facility

RESULT

- Energy consumption reduced by 60%
- Maintenance expense reduced by 95%
- Increased illumination by 78% inside and 350% in the parking lot and building approach areas
- Dimming and controls that enhance the worship services

The Helios Energy Impact

Dramatically improved lighting quality

10-year energy savings –
\$200,087

10-year maintenance savings –
\$70,202

Total 10-year savings –
\$270,289

63% reduction in CO2! Equivalent to removing **23** cars from the road per year, or not burning **12,321** gallons of gas!