

Mason Chiropractic



OVERVIEW

Mason Chiropractic Center of Franklin, Tennessee was seeking a lighting solution partner to improve overall quality of light in patient waiting and treatment rooms. Additionally they sought to remove high-wattage and high-heat producing lights. Finally they sought to reduce energy and associated maintenance costs.

CHALLENGE

- Cut energy consumption by 60%
- Cut maintenance expense by 100%
- Reduce glare, improve quality of light and color (kelvin)
- Reduce heat produced by high-wattage halogen lamps



SOLUTION

- Execute complete LED retrofit and replacement
- Install sensors for all exterior and wall pack lighting
- Completely automate controls in multiple locations
- Install fixtures to compliment buildings with remodeled exterior

RESULT

- Energy consumption reduced by 62%
- Maintenance expense reduced by 100%
- Increased illumination by 42% inside
- Dramatically improved lighting quality

The Helios Energy Impact

10-year energy savings –
\$3,321

10-year maintenance savings –
\$3,000

Total 10-year savings –
\$6,321

Saved **372** gallons of gas!

63% reduction in CO2! Equivalent to removing **3** cars from the road per year