

Cathedral of the Incarnation of Nashville, Tennessee



OVERVIEW

Cathedral of the Incarnation of Nashville, TN was seeking a solution partner for a retrofit of the interior worship ceiling. The existing lighting was high-wattage, high-maintenance and an inefficient expenditure of funds. Moreover, the existing lights were not projecting enough light and the heat they produced was decaying the plaster ceiling. Parish leaders were spending lots of money on refurbishing the plaster and painting the beautiful artwork and did not want the existing lights to spoil their new investment.

CHALLENGE

- Cut maintenance expense
- Increased Foot Candles so parishioners could read better
- Enhance the aesthetics of the newly restored and refurbished walls, ceiling and artwork
- Mitigate damaging heat to the plaster surfaces caused by previous fluorescent luminaries
- Maintain or improve the ability to create lighting scenes



SOLUTION

- Complete LED retrofit and replacement of Sanctuary and cove lighting inside main chapel
- Install cutting edge fixtures and wireless 0-10 dimming

RESULT

- Overall Wattage reduced by 76% and with dimming this savings could approach 85%
- Cut maintenance by 95%
- Increase Foot Candles by as much as 293% on average depending on dimmer settings
- Church hierarchy, restoration contractors and parishioners exceedingly pleased with warm glowing 2700K & 3000K fixtures to enhance and highlight the newly painted gold trim and vibrant color schemes