

## Archdiocese of New York St. Monica Church

The Church of St. Monica's Roman Catholic Church of the Archdiocese of NY at 413 East 79th Street started in 1883. The current main cathedral was completed in 1906 with a classic gothic revival architectural design.

Street View



Archdiocese of New York – St. Monica Church

The main cathedral was illuminated with 58 of a 250W PAR38 halogen lamps for decades. Due to the high ceiling, long distances, and large volume of the space it had been difficult to upgrade the legacy short life inefficient halogen lighting to an energy efficient lighting solution until recently.

Clarté Lighting's PAR30 scale LED optic, with a remote LED driver allowed the existing surface mount PAR38 Krypton halogen fixtures to be easily upgraded. Once upgraded the quantity of light, quality of light was visibly improved.

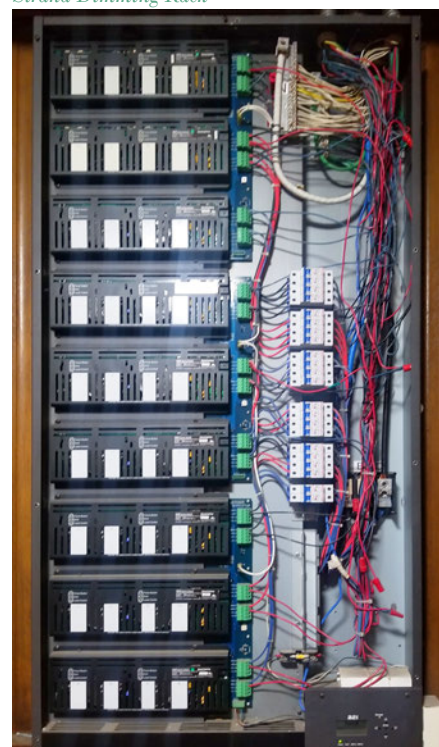
New Clarté Fixtures



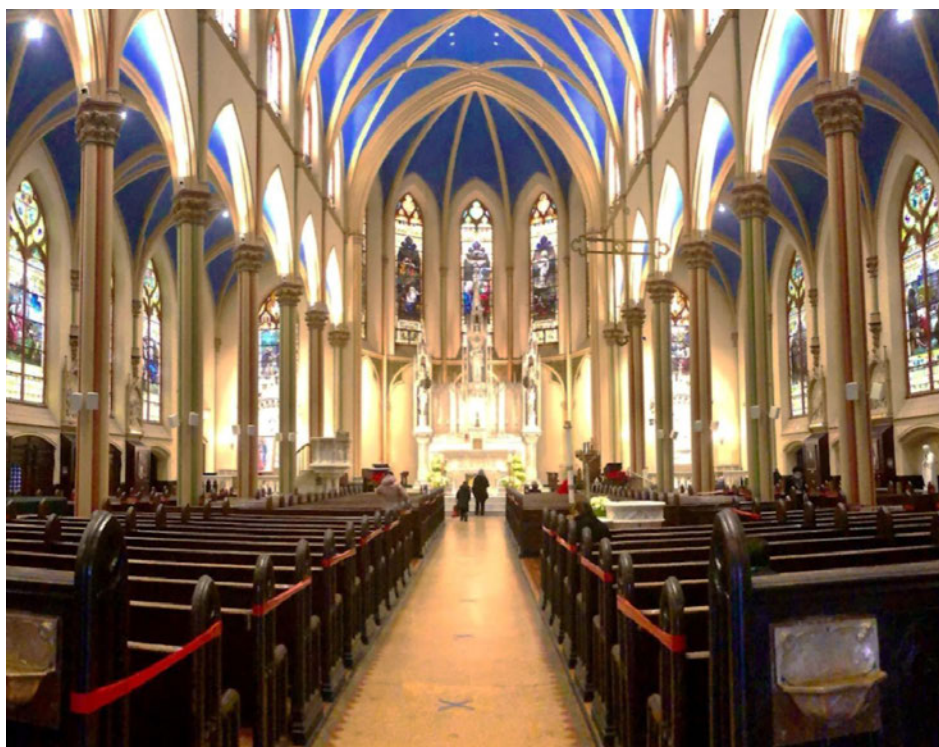
Archdiocese of New York – St. Monica Church

Dimming performance from the new optical assembly also matched the quality of dimming provided by the halogen lamps previously. Dimming performance of the new system dims down to .01% with fade to off and glow to on functionality, operating from a 2-wire forward phase magnetic low voltage (MLV) dimming profile.

Strand Dimming Rack



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Upgrading existing downlights and up lights creates a seamless integration of both the vertical and horizontal surfaces in the space tying them together visually.

The 1" built in optical snoots, with 45 degrees optical cut off, improved the veiling of the light source visually over the previous halogen lighting. The NEW Clarté Lighting PAR30 optical assemblies increased the quantity of light and improved the quality of light, while Clarté Lighting's high TM-30-18 color metrics emitted from the modular LED optical assembly, improved the visual acuity in the space.

The improved visual acuity in the space is like going from analog TV to 4K HD TV with improved color, depth, and details in the space visually.

Save energy, eliminate maintenance cost and most importantly the space looks like it has been remodeled just from the lighting upgrade completed in the space. A WIN-WIN-WIN for St. Monica's Roman Catholic Church of the Archdiocese of NY.



Theatrical Performance  
+ ARCHITECTURAL AESTHETICS

**CLARTÉ LIGHTING** crafting unique solutions