



Cathedral of St. Peter, Scranton, PA

For St. Peter's 150th anniversary, Rambusch studied and developed a new lighting system adapted to support the Cathedral's liturgies and television broadcast ministry. This is a Design-Assist project.

Fixtures: LED recessed downlights, LED *flite*™ uplights in custom shrouds, LED accent lights, custom lanterns with concealed downlights, multi-scene dimming system

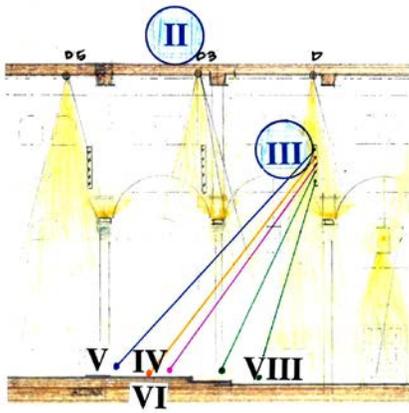
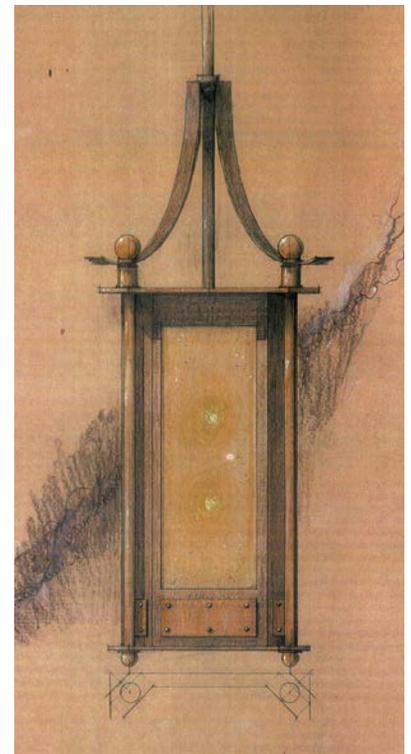
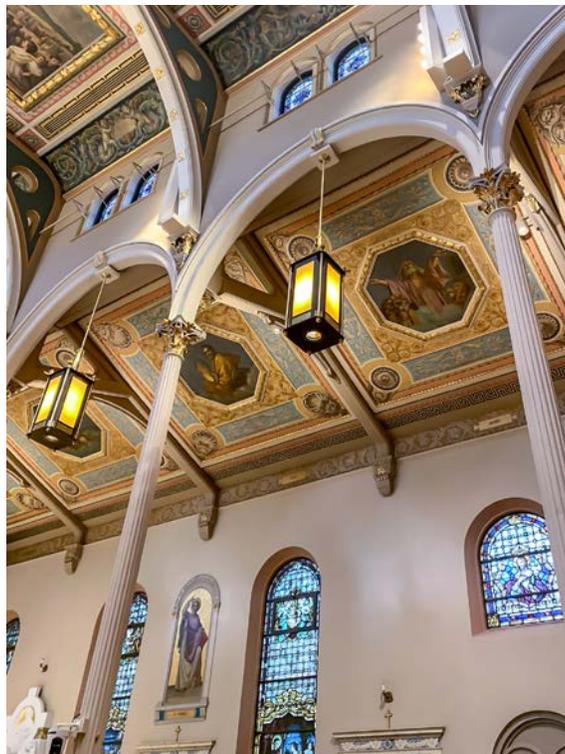
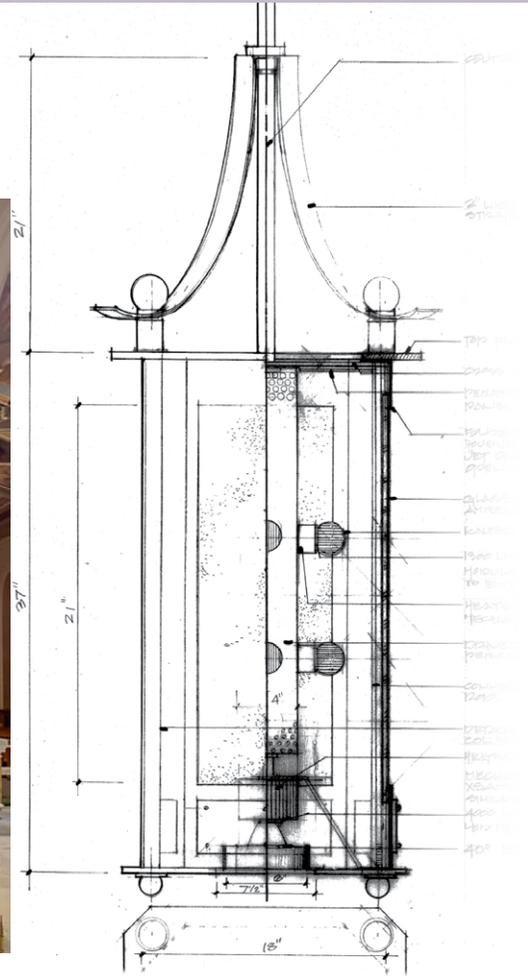
Cathedral of St. Peter Scranton, PA

As the Cathedral of St. Peter approached its 150th anniversary, it was clear that its lighting system needed an upgrade for present and future uses. Rambusch was invited to listen to the community, study the existing system and then help develop a new system that was adaptable to support the Cathedral's liturgies and other events. As well, the lighting was required to accommodate St. Peter's highly regarded broadcast and television ministry.

Working in a design-assist fashion, Rambusch developed a layered lighting solution, and then confirmed it through illumination mock-ups and scale studies. The system comprises four key elements designed and fabricated in Rambusch workshops ... **downlighting** for reading; **architectural uplighting** to enhance the decorative painting; **accent lighting** to focus upon liturgical movements and areas of importance; and finally, custom **decorative lanterns** for ambient glow and to conceal a second layer of downlights closer to the pews.

The fixtures were carefully zoned into more than 40 combinations for dimming control, and to provide pre-programmed lighting scenes that would support the various liturgies, such as Daily Mass, Sunday Mass, concerts, etc.

The downlighting, uplighting and accent lighting is shielded and balanced to be unobtrusive, so that the cathedral appears to be illuminated by the glowing lanterns alone.



Targets IV Altar, V Presider's Chair, VI Ambo and VIII Steps