

Wen Sheng  
Holly Rushmier  
January 21, 2016

# The Cathedral of Christ the Light

The Cathedral of Christ the Light is the first cathedral designed and built in twenty-first century. The building is famous for its angular and colorful structure among square, gray urban shapes. The main 2 reason that I choose this example is: Firstly, it uses the philosophy of ‘A sacred place is different from most buildings’ and design it both beautiful and holy. Secondly, the building’s illumination design is perfect with different views in various time. It changes from day to day and seasonally. Even in the same day, the light is never the same in any two times of the day.

The team used a variety of digital tools, including pattern-generating software. The SOM Graphic Design Studio. A photograph of that carving was converted by SOM into a massive, pixilated three-dimensional image. The final image was created by laser-cutting 94,000 holes of various sizes and densities. Actually the magic of the various view of illumination is carefully calculates using seismic base isolation technology—floating the structure on a a series of thirty-six friction-pendulum base isolators and make the building to move thirty inches in any direction during a large seismic event.

