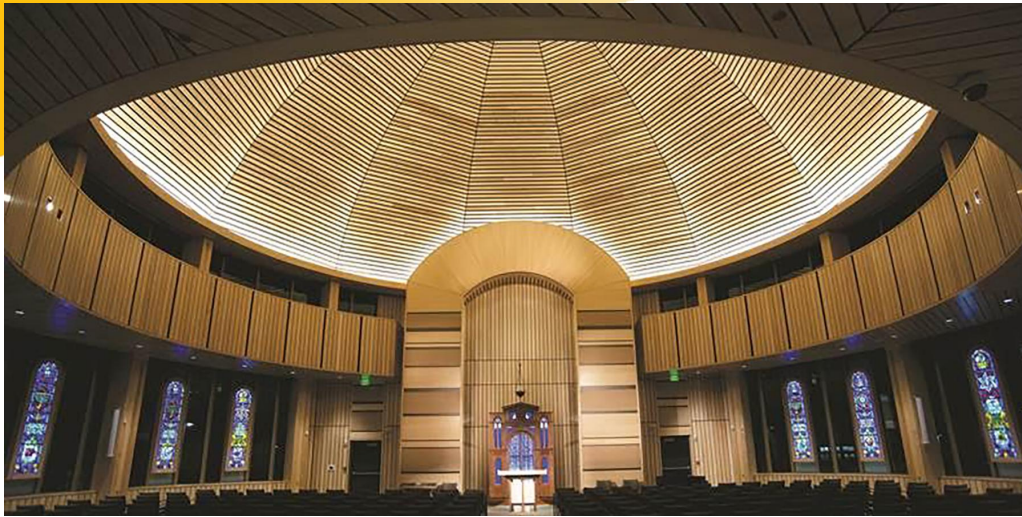


# The Temple-Tifereth Israel

ILLUMRA Case Study



SGMP Scott Gloger, Master Photographer



*The Temple-Tifereth Israel is a warm, welcoming synagogue where each person matters. They cherish their rich history and traditions and foster a dynamic culture of imagination and innovation. Members of all ages find meaning and inspiration by developing enduring personal connections with each other, Torah, God, the State of Israel, and the Jewish People, and through acts of justice and compassion.*

## THE CHALLENGE:

- Needed to preserve the look and feel of the structure.
- Switches were in the wrong places and were inconvenient to use.
- Wood from floor to ceiling and incredibly expensive and time consuming to Install new wiring.
- Needed to be able to dim the lighting fixtures easily.
- Wanted to preserve old lighting fixtures but have modern capabilities.
- Customer needed lighting that would not require replacement of traditional bulbs.

## THE SOLUTION:

- Easy and quick turn around time of installation.
- Preserved 69 fixtures totaling 690 lamps.
- Were able to place light switches where desired and convenient.
- Turned older fixtures into modern by preserving the look and feel of originally installed lighting fixtures.
- Atrium and social hall - converted to modern LED lighting.
- Each light fixture has it's own controller allowed for flexibility in setting customized zones.

### PARTS USED

Single Rocker Switch  
E9T-S1AWH

20A 4-Wire 100-277VAC Relay  
E9X-RUV-41BTP

Ceiling Occ Sensor  
E9T-OSC

## THE RESULTS:

Temple-Tifereth Israel received an entire customizable zoning lighting solution that worked flawlessly when installed. The temple feedback from several regular attendees that they felt the lighting looked better than the day it was first built. This new DC platform using Illumra products expanded their capacity to control dimming and lighting functionality. Although the Temple had a large budget for remodel, they were able to save money and time by not having to cut into their existing structures to rewire but rather use Illumra wireless solutions to make zoning easy to control without structure modification.

## BENEFITS TO CUSTOMER:

While there was a lot to consider during the remodel, preservation of the historical look and feel aesthetically of the Temple was very important. Illumra provided solutions that provided the ability to have new functionality by retrofitting the old fixtures; they didn't need to compromise and were able to get exactly what they needed. The customizable locations for switches were accommodated due to the self-powered, battery free rocker switches that were used. They were able to have Infinite possibilities of lighting when it came to dimming and controls through the enOcean wireless protocol and devices from Illumra that were used. As a result of the install, client saved 75% of the cost of electricity. The room was in service the whole time of the retrofit with little to no downtime. All of these factors combined made for a successful and inspiring customer experience.

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