

# Roundbank Finds Perfect Fit with MaxLite LED Round Flat Panel Pendants



***"We kept our mercury vapor lighting fixtures for many years, until the bulbs weren't available anymore. There has been positive feedback to the improved LED lighting from customers and employees. The staff is happy and the lobby now has a different feel with a more inviting presence."***

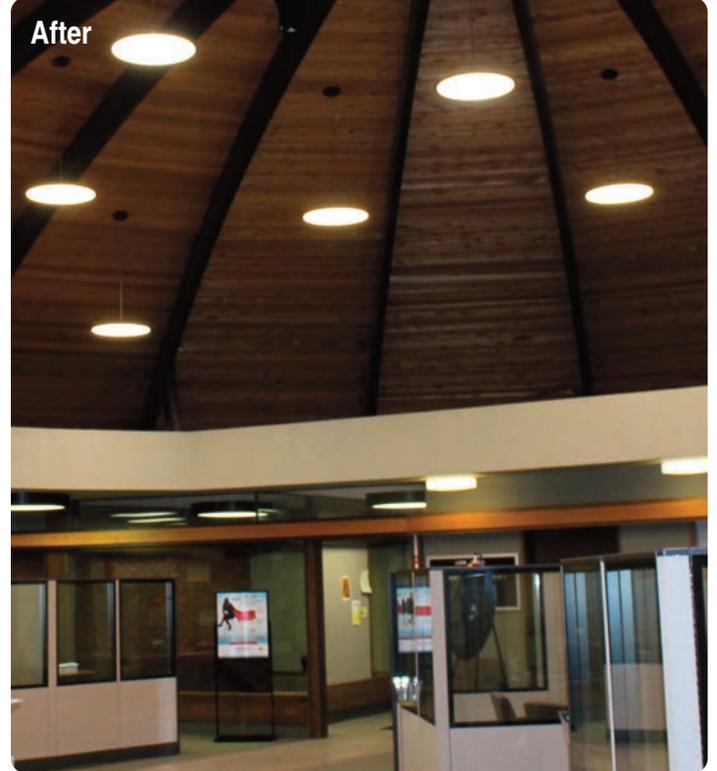
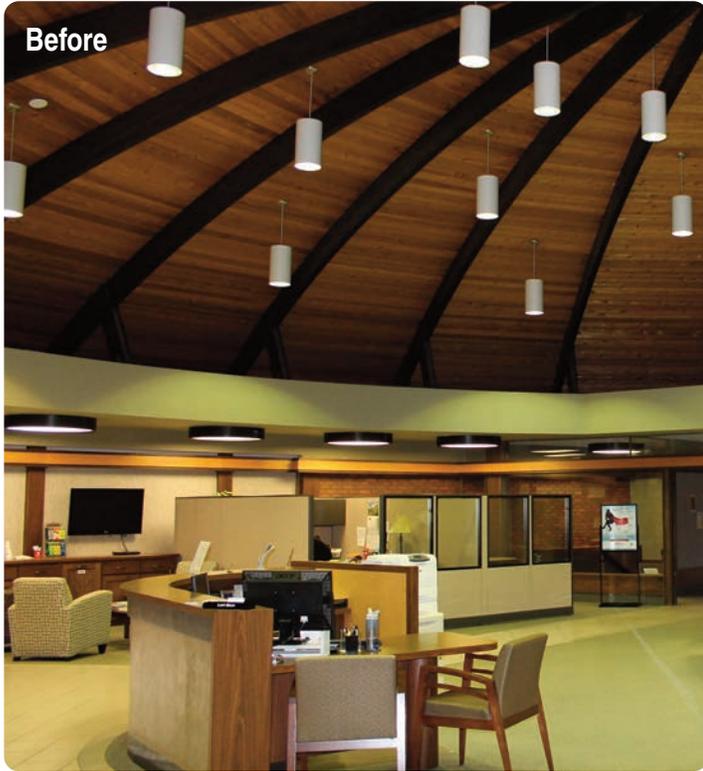
--- Larry Thompson, President of Roundbank in Waseca, Minnesota

***"The fixtures that the bank had before produced a lot of shadows and had poor quality of light. The new lighting fixtures created unbelievable light quality, and the bank is very satisfied with their performance. Using nine less fixtures than previously installed, the fixture produced almost double the footcandles of the metal halides."***

--- Jeff Kath, Lighting Consultant, The Retrofit Companies

For more than 130 years, Roundbank has provided superior customer service and financial services to the Waseca, Minnesota, community; the bank has additional branches in Waldorf, Farmington and New Prague. Just as the name suggests, Roundbank has a round shape on the exterior and smooth curves within. Teller and customer service representative stations that feature curved desks encircle a tall center lobby with rounded ceilings.

The Roundbank had 30 mercury vapor pendant-mounted spun cans hanging from the ceiling over the lobby floor and workstations. The fixtures produced poor quality and uneven light levels, leaving bright spots beneath fixtures, and shadows in other areas across the floor. Additionally, the mercury vapor replacement lamps took up to 15 minutes to come to full brightness, and they were expensive; however, the bank continued to purchase them until they were no longer available.

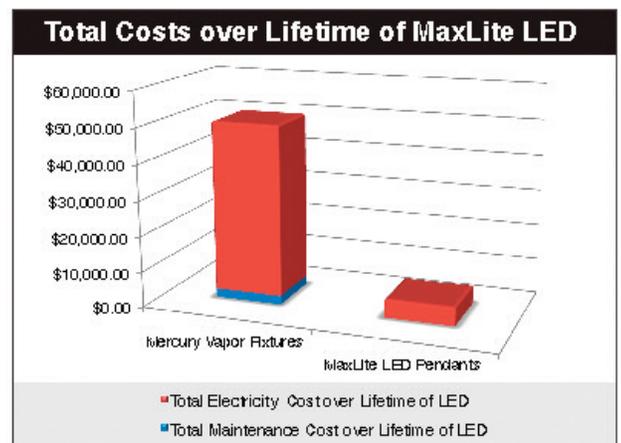


The bank wanted to improve the aesthetics of their lobby and select an energy-efficient replacement light fixture with a modern look that would chime in with their name and overall design of the building.

When Jeff Kath, lighting consultant with The Retrofit Companies in Minnesota, showed Bank President Larry Thompson the MaxLite LED Round Flat Panel Pendants, Thompson agreed that the fixtures were the perfect replacement for existing the 25-year-old metal halide fixtures. The bank replaced 30 250-watt mercury vapor fixtures, which consumed 290-watts with ballast, with just 21 of MaxLite's 45-watt LED Flat Panel Pendants in a bright white 5000K correlated color temperature. Each fixture was suspended from the high arched ceiling with three strands of aircraft-grade cables.

Compared with the mercury vapor spun cans, the ENERGY STAR® qualified LED pendants almost doubled the footcandles in the bank's lobby from about 17 to 35, and created even light distribution throughout the whole lobby.

The new instant-on LED fixtures had an increased service life of 50,000 hours, based on L70 standards, compared with just 15,000 hours for the former metal halide fixtures. The bank has calculated its energy savings since the fixtures were installed in the spring of 2013; previously, the lighting costs were \$3,230.60 per year to run the 30 250-watt metal halide fixtures (based on a cost of \$.64 kWh at 11.38 hour demand), but the new fixtures dropped the annual lighting energy costs to just \$344.96, for a 90 percent savings. The bank will also save about \$2,450 on maintenance costs as they will no longer have to service ballasts. Overall, the bank will save 387,750 kWh of energy and \$45,102 in energy and maintenance costs throughout the lifetime of the LED fixtures.



### MaxLite

MaxLite has been committed to providing energy-efficient lighting products for the last 20 years, and was one of the first movers into LED technology in the industry. An ENERGY STAR® Partner of the Year, MaxLite established the MaxLED® brand, an extensive line of state-of-the-art indoor and outdoor lamps and luminaires.