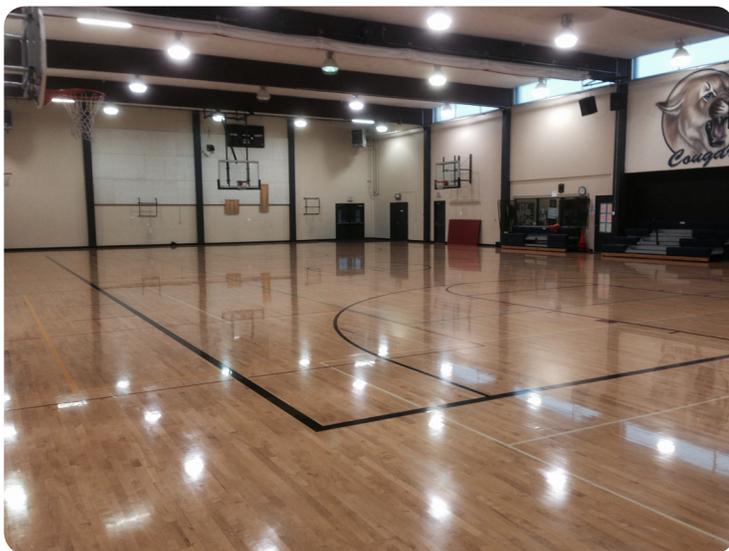


# MaxLite LED Highbays Elevate Energy Savings for School in Tacoma, Washington



After: The LED fixtures turn on instantly and deliver a brighter, more even light.



Before: Metal halide fixtures produced glare and required time to warm up.

*"With MaxLite's 150-watt LED Round Pendant Highbays, we were able to provide the gymnasium with a better quality light while using smaller fixtures that have a longer life. The energy savings are huge and will make a big difference in the school's operating budget in the years to come."*

-- Justin Moore, United Lamp Supply

For more than 50 years, St. Charles Borromeo Catholic School of Tacoma, WA has been dedicated to providing its students with the highest level of excellence in education. The campus, which serves pre-kindergarten through eighth grade, includes a state-of-the-art library, music room and computer lab, but a lighting upgrade was needed to bring its gymnasium up to par with the rest of the facilities.

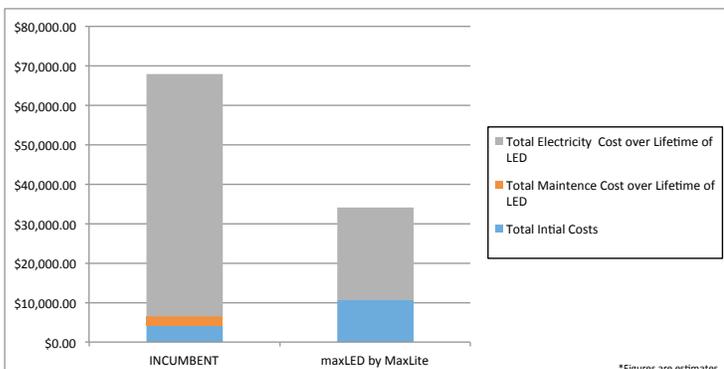
The 400-watt metal halide fixtures inside the gymnasium consumed a great deal of energy, created glare and were difficult and expensive to maintain because of the height of the ceilings. They were also slow to light up, requiring the school to turn the fixtures on well in advance of the gymnasium being used, meaning the lights were left on longer than necessary each day. United Lamp Supply, which specializes in green lighting solutions, worked with the school's administration to choose a replacement product that would increase efficiency and improve the quality of lighting, while matching the design of the existing fixtures.

They selected MaxLite's LED Round Pendant Highbays for the project because of the fixtures' longevity and instant-on capabilities. In an even swap, 30 existing 400-watt metal halide fixtures were replaced with 150-watt LED fixtures with a narrow beam distribution. Designed especially for 25-foot and higher ceilings, the LED Round Pendant High Bays deliver over 16,000 lumens, while consuming 60 percent less energy than the incumbent metal halides.

By converting to LED, St. Charles Borromeo Catholic School will save 382,950 kWh of energy and \$33,828 in energy and maintenance costs over the 50,000-hour lifetime of the new fixtures.



## Total Costs Over Lifetime of MaxLite LED



### MaxLite

MaxLite has been committed to providing energy efficient lighting products for more than 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 indoor and outdoor lighting fixtures featuring innovative LED luminaires and lamps using the latest state-of-the-art LED technology.

