

MaxLite Helps Child Care Center Create Brighter Classrooms



CASE STUDY



Photos by Scott Evers

"The objective was to improve the overall light quality and reduce energy usage without changing the location of existing fixtures. Cost and energy savings were the main factors in creating the LED solution for Early Explorations Too, and I chose MaxLite LED products because I had great success with them on previous energy-saving projects, such as the YMCA of Edwardsville."

-- Rich Tallerico, president,
Cool City Lights

Child care center Early Explorations Too in Glen Carbon, Illinois, boasts over 10,000 square feet of indoor facilities in which infants and toddlers can explore, learn and thrive, but its lighting system had become inadequate. Many fluorescent ballasts and bulbs were in need of replacement, and the reception area was lit by an unnecessary number of recessed cans. Local MaxLite distributor Cool City Lights worked with the child care center's owner, Jennie Fuller, on a retrofit plan that would reduce the center's energy consumption by more than 50,000 kilowatt hours and allow her to recoup her investment in less than two years. By making the switch to LED lighting, Early Explorations Too will save \$5,500 in energy and maintenance costs annually.

MaxLite LED T8 lamps in 10-watt and 18-watt outputs replaced 135 fluorescent tubes in existing linear fixtures throughout the child care's classrooms, hallways and kitchen. In the reception area, 10 MaxLite 14-watt recessed downlight retrofits were used to replace 14 hard-wired CFL cans and three 100-watt metal halide fixtures. Outside the facility, two 13-watt MaxLite LED small flood lights replaced a pair of 500-watt quartz halogen flood lights at the entranceway.





LED lighting offers many benefits over the conventional fluorescent fixtures prevalent in educational environments. Not only does it consume less energy and last longer, it is also free of buzzing and flickering, which can help reduce distractions and improve concentration for students and staff.



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. A three-time 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.