

# MaxLite Illuminates St. John Bosco Catholic School in Phoenix



*"Our campus is 10 years old and we wanted to install the best and most efficient lighting available. The LED Flat Panels are great and deliver really nice, bright clean light; a very white light, which is not yellow like the T8 fluorescents. The teachers are thrilled with the improved lighting, and with the new ability to dim fixtures to better use our smart boards and other learning aids. It's very impressive how MaxLite's Flat Panels have altered our interiors for the better."*

-- Bill Mager, Parent Volunteer and Chair of the St. John Bosco Facilities Committee

## The Challenges

St. John Bosco Catholic School, part of the Roman Catholic Diocese of Phoenix, Arizona, was looking to update the 10-year-old campus with improved lighting that provided energy savings.

## The Solution

The school replaced more than 300 T8 tri-tube fluorescent lighting fixtures with 224 LED Flat Panels throughout the campus. Among those LED luminaires, 27 were 2'x2' Edge Lit LED Flat Panels that include emergency battery backup to ensure safety in the event of power interruptions, and the remainder were 2'x4' Edge Lit LED Flat Panel fixtures. In the school's multipurpose room, the LED Flat Panels operate at full output or are dimmed to focus on specific areas, such as the portable stage used for performances and community events.

## The Benefits

The Flat Panels, which were installed directly into the school's existing dropped ceiling grids, offer wall switch-controlled soft lighting that helps create a comforting, visually soothing, and productive learning environment for teachers, volunteers, and students. The ultra-thin 2'x2' and 2'x4' LED Flat Panels are designed with a shallow respective 1.6-inch and 1.8 inch depth for easy installation within a tight environment, and are used to optimize the ambient lighting in the school's classrooms and multi-purpose room. Controlled with an IR Remote, the new 5000K luminaires were chosen for their shadow-free even illumination and smooth dimming capability.

## MaxLite

Inheriting global manufacturing and marketing expertise that dates back to 1955, MaxLite was one of the first movers into LED technology in the industry. Committed to energy efficiency as an ENERGY STAR® Partner of the Year in 2009, 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, ranging from the award-winning Flat Panel collection, to the best-selling outdoor lineup, Plug-and-Play light bars and lamps.