



## FRISCO ISD

Frisco, Texas



### Owner

Frisco ISD

### Contract Type

Lighting

### Contract Amount

\$1 MM +

### Electrical Contractor

FSG

### Annual kWh Reduction

1,289,729

### LIGHTING CASE STUDY

When Frisco ISD needed to increase lighting output while decreasing energy consumption, they worked with FSG to develop multiple energy saving projects over several years.

#### CHALLENGE

Frisco ISD has been actively pursuing energy efficiency projects since the early 2000s. The earliest projects consisted of the upgrading of inefficient T-12 fluorescent lamps to more efficient T-8 fluorescent lamps. The latest projects involve the updating of inefficient metal halide and high bay T-5 and T-8 fluorescent to more efficient LED. The challenge was identifying the best products for each project and location. With so many LED options, Frisco needed a lighting partner that could not only perform the work, but also bring the best product solution.

#### SOLUTION

FSG leveraged its years of experience in lighting to identify the best lighting solutions for more than 30 different projects around Frisco ISD. From elementary school gymnasiums to the district's state of the art aquatics center, FSG designed, installed, and warranted complete turn key lighting retrofit projects.

#### RESULT

In the end, Frisco ISD was able to realize an average of an 80% reduction in energy while enjoying an average of 177% increase in the lighting output at each project location.

This project was made easier due to the relationship Frisco ISD and FSG have with Buyboard.

