



## BYRON NELSON HIGH SCHOOL

Dallas, TX

FSG used GE products to upgrade the exterior lighting for Byron Nelson High School, resulting in a well-lit campus with improvements not only in their energy bills but also in safety and security.

**Contract Type**  
Lighting Retrofit

**Contract Amount**  
\$217,035

**Energy Savings**  
\$18,334 per year

**Annual kWh Reduction**  
101,574

### CHALLENGE

Since 2016, FSG has been working with NISD and District Energy Manager Dr. Charles Ashby to upgrade their exterior lighting to LED to improve lighting levels and campus safety. Before the lighting retrofit, the parking lot and the exterior of the school building were poorly lit at night, a situation that wasn't ideal or safe. Over the years, we have developed an excellent relationship with the district, and all of our projects completed have been through BuyBoard contracts rather than traditional RFP's.

### SOLUTION

This was Phase 2 for the school. Phase 1 of this project was completed in 2017 and included parking areas farther south and wall packs for the concession stands near the football practice field. For this project, we used GE products to upgrade the floodlights near the main entrance, parking lot pole fixtures including deco pole lights around the building and interior courtyard, and some wall packs on the north side of the building. The result is a well-lit campus with improvements not only in their energy bills but also in safety and security.

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