

**VENUE**

Bulldog Stadium is the high school field for the Bulldogs of the Banquete Independent School District in Banquete, Texas. The stadium has a grass field and accommodates 1,000 spectators at capacity.

**CHALLENGE**

The field and its previous lights, including a fallen light pole, were heavily damaged by Hurricane Harvey in September 2017. To continue their football season with little disruption, the district chose an energy efficient option with the Ephesus All Field LED lighting system.

**SCOPE**

Eaton's Ephesus Lighting was able to deliver the new lighting system quickly, which allowed the Bulldogs' football season to continue. The project included replacement of the 1500 watt metal halide lights with the energy-efficient Ephesus All Field LED system. The decision was made to also replace the poles. Techline Sports Lighting completed the installation. In addition, school officials chose to include the user-friendly AirMesh wireless system for controls and monitoring.

**SOLUTION**

72 Ephesus All Field 750 fixtures were installed on four new light poles. The Ephesus solution, sold by 2M Lighting, included wireless controls to increase operational flexibility as well as to provide remote control and monitoring. The school also chose to incorporate dynamic scenes and effects enabled by the AirMesh control system.

**RESULTS**

Banquete High School was quickly able to resume its football season. Energy savings are estimated to be over 40%. Illumination on the surface increased dramatically to over 50 foot candles and uniformity improved. Player safety is also improved due to increased visibility on the field. The student athletes and fans enjoy the dynamic scenes, which give a professional feel to their high school field.

View a video of the dynamic scenes at Banquete here –

<https://youtu.be/yEpe7YWNNonU>

*"Banquete is pleased beyond measure with our new lighting! Moving from our old metal halide fixtures to LED fixtures was a great choice - cost-effective, less complaints from surrounding home owners about light spill, and a brighter field per conversations with our coaches and fans alike. What Ephesus LED allows us to do with the different effects to highlight the coin toss, our band at halftime and our football team's entry onto the field – WOW! The dynamic scenes are one of a kind!"*

*- Dr. Max Thompson, Superintendent, Banquete ISD*