

# BetaLED® Project Brief Overview

Murphy USA–Plano, Texas



## PROJECT SUMMARY

<b>End User:</b>	Murphy, USA – Plano, TX
<b>Application:</b>	LED canopy and security lighting for gas station and convenience store
<b>Product:</b>	33 THE EDGE canopy fixtures featuring petroleum symmetric optics; and one THE EDGE security fixture with Type III optics. All products feature BetaLED's exclusive Colorfast DeltaGuard® finish in white.
<b>Benefits:</b>	<ul style="list-style-type: none"><li>• Improved lighting performance with less energy to create a more inviting experience for customers</li><li>• Save 31 percent on energy costs compared to traditional HID fixtures</li><li>• Reduce carbon emissions</li><li>• Eliminate disposal of mercury found in metal halide and other conventional lighting sources</li><li>• Virtually no maintenance for the life of the application</li></ul>



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## A Look on the Bright Side



**M**urphy USA gas station and c-store in Plano, TX, retrofitted half of this facility with 16 THE EDGE canopy fixtures from BetaLED. The LED fixtures clearly outperform the existing HID technology, offering a more inviting, brighter experience. The LED fixtures lower energy costs by 31 percent while improving lighting performance and uniformity throughout. Additional benefits include virtually eliminating maintenance due to the BetaLED fixtures' life rating of greater than 150,000 hours and eliminating the disposal of hazardous mercury found in metal halide and other traditional lighting fixtures.

After testing the “half-and-half” lighting for 30 days, the rest of the HID fixtures were swapped out for another 16 THE EDGE fixtures. An additional THE EDGE security fixture makes the entire property all LED, a total of 33 luminaires.