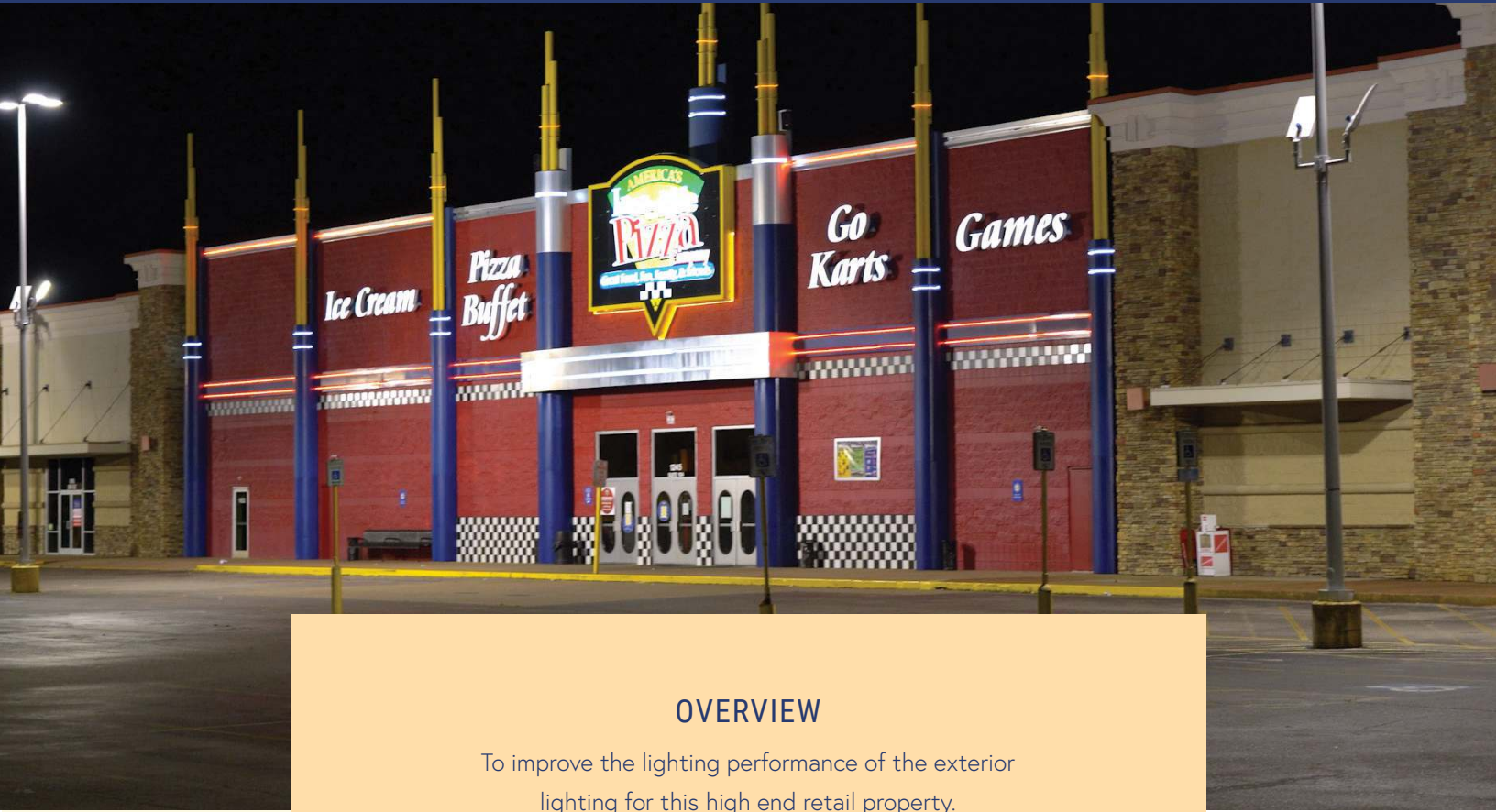


North Germantown Parkway



OVERVIEW

To improve the lighting performance of the exterior lighting for this high end retail property.

CHALLENGE

Improve the lighting performance for this high end retail property.

Need 1: Improve Lighting Output

Need 2: Lower Electricity Cost

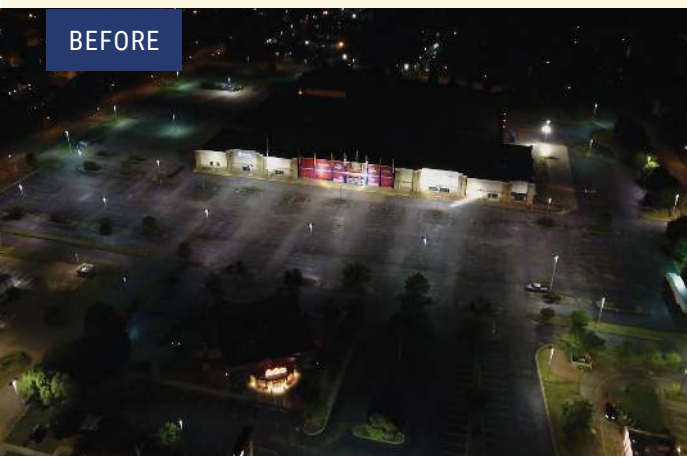
Need 3: Lower Annual Maintenance Costs

Need 4: Improve aesthetics of the property

SCOPE OF PROJECT

- Replace (58) 1,000 watt Metal Halide 480 Volt Exterior Pole Mounted Parking Area and Flood Lights with 320 watt LED Fixtures with Photocell Controls.
- Replace (23) 250 watt Wall Pack fixtures with 45 watt LED Wallpacks.

BEFORE



AFTER



North Germantown Parkway

FIXTURE TYPE	FIXTURE DESCRIPTION	WATTAGE/EFFICIENCY	QUANTITY
LED Area Light	480 Volt 320 watt LED Area Light with Photo Cell Control	320 watt LED Fixture at 140 Lumen per watt Efficiency	58
LED Wall Pack	120-277 45 watt LED Wall pack with motion control	45 watt LED Fixture at 140 Lumen per watt Efficiency	23

The Helios Energy™ Impact

Enhanced
Performance

10-year energy savings –
\$232,460

357,175 pounds of CO2 saved annually! This is equivalent to removing
35 cars from the road, or not burning **93,585** gallons of gas each year!

In total **81 Fixtures** were Installed at this active high end retail property.

We were able to deliver the following results:

- Annual Energy Dollars Saved - **\$ 23,246**
- Annual kW Hours Saved - **217,657**
- Improvement of lighting output by **32%**
- 5 Year ROI - **51%**
- Simple Payback of **2.00 Years**

TESTIMONIALS

"The team at Helios Energy were great to work with. The product and performance is fantastic and the install was managed seamlessly."

- NASH FIELDS LLC, Steve Fields, Property Owner

"The project was handled beautifully and we saw immediate improvements in lighting performance as well as energy savings in our utility bills."

- NASH FIELDS, LLC, Kim Fields, Property Owner

North Germantown Parkway

ABOUT OUR CLIENT

North Germantown Parkway in Cordova, TN is a high-end retail property with fantastic tenants such as The Tile Shop, Incredible Pizza Company and L'Ecole Culinaire. This active 142,626 Square Foot property offers excellent visibility and access to Germantown Parkway, Cordova Road and Autumn Creek Drive with seven points of ingress/egress. This important property serves 64,513 households within a 5 mile radius and daytime population within this same radius is 188,570 people.



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CE2018-0128

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