



# Cerritos Towne Center - Cerritos, CA

## The Opportunity

Cerritos Towne Center is a premier shopping center located in the heart of Cerritos, California. With over 480,000 ft<sup>2</sup> of land, this Towne Center is home to notable tenants such as Walmart, Best Buy, Kohl's, HomeGoods, and Islands Restaurant. The center was in need of a reliable LED Lighting upgrade to continue providing a dynamic and safe shopping experience.

## The Objective

With an objective to improve the safety and sustainability of the property, the customer had a specific request to maintain an average of 2-4 foot candle (FC) readings across the entire Towne Center's parking lot. In addition to improving light uniformity, the client was also looking to reduce glare and light trespass onto neighboring residential areas. To provide a suitable solution that will enhance the overall shopping experience, Altech Electronics conducted a complimentary photometric study of the project's location.

## The Solution

As a result of the objectives the customer provided, Altech Electronics recommended approximately 150 units of our 150W LED Area Light Hyper Series, instead of our 90-120W LED Area Light that would have sufficed for a 400W MH replacement. The rated L70 150,000 hours lifespan and superior lumen efficacy of our lights (165 LPW) provided a significant improvement in both the sustainability and performance of the exterior parking lot lighting system.

## The End Result

In summary, through our detailed photometric study, Altech Electronics recommended our 150W LED Area Light Hyper Series as the best solution for the customers' FC challenges. Thus, the total system wattage reduced was over 40,000W. Furthermore, we were able to validate the accuracy of our photometric tools by comparing actual to projected light levels.

In conclusion, Cerritos Towne Center was extremely satisfied with the overall solution Altech Electronics provided, which exceeded their expectations for the sustainability of the property, light performance levels, and the safety of their tenants and shoppers.

## LED Fixtures Used



Altech Electronics LED Hyper Series Area Light



## Cerritos Towne Center Photometrics

### HomeGoods' Parking Lot



Projected FC from Photometric Study: 10.9 FC

Actual FC at Job Site (Measured at 2.5' AFG): 10.3 FC

### Kohls' Parking Lot



Projected FC from Photometric Study: 14.3 FC

Actual FC at Job Site (Measured at 2.5' AFG): 16.5 FC

