



## **NEWS BRIEF**

### **Lumenal Lighting Completes Lighting Retrofit for McDonald's Restaurant in Honolulu**

March 23, 2016

The McDonald's Restaurant in Honolulu, Hawaii, selected Lumenal Lighting to retrofit its interior and exterior lighting. As a 24-hour high volume service location, the facility needed to improve the overall safety and security of the restaurant's parking lot. The facility owners also wanted to achieve a balanced and attractive light distribution to enhance the experience of employees and restaurant patrons, while achieving energy savings.

Optimal light levels were achieved in all areas. The annual energy savings is projected to be 51,675 kWh, a 62% electricity reduction, with annual cost savings of \$19,535. This lighting retrofit project has a project payback of 13 months, and will provide savings benefits for years to come.

Working closely with McDonald's Corporation, Lumenal Lighting recommended energy saving LED fixtures which met the specific design specifications for all properties. Lumenal selected and installed an efficient set of LED fixtures, including 28W LED T8 lamps and drivers, 35W LED wall sconces, and 300W LED pole light fixtures. For the restaurant's exterior, the output and uniformity of the LED pole light fixtures provides a better light distribution. For the interior, the new LED recessed can fixtures and LED T8 lamps and ballasts deliver a higher quality of lighting.