

The HUB™

Case Study: Lighting Next to an Airport A Challenge for Street and Area Lighting Contractors



Airport Beacon Light



HUB with new LED Fixture & Airport Beacon Light



The HUB™ Solution

Current Situation

The upgrade of parking lot and street light poles reflect the aging infrastructure requiring immediate attention as a way of reducing energy and maintenance costs through LED light fixtures. However, with IoT at the forefront of smart cities and smart airports infrastructure discussions, customers are looking for cost-effective ways to future-proof their light poles for smart technologies at the same time they are upgrading to LED lighting — a one-stop universal solution. Electrical contractors are looking for opportunities to reduce lighting retrofit times, while also addressing installation issues that arise from unique lighting configurations.

Customer Needs

While installers were upgrading alley light poles at a national retail location, they realized that they were also going to have to include airport beacon lights along with the new light fixtures due to close proximity to a major airport. Needing to reuse the existing beacon lights, the installers wanted to reduce installation times and costs, while improving installation efficiency. The challenge was to determine how all of these needs could be addressed while leveraging the already purchased LED light fixtures.

The HUB™ Solution

The installer selected L70's HUB™, a universal light pole mounting platform that converts existing light poles into low cost smart poles. The HUB™ has the added benefits of: (1) being adjustable to fit 3 inch to 6 inch round, square or hexagon poles and (2) reducing installation times for LED fixtures by up to 50%. It was the ideal smart technology platform.

Results

The electrical contractor was able to carry out this challenging project while reducing the installation time for each light pole. Additionally, the airport beacon lights were easily attached to the HUB™. As a result, the electrical contractor was thrilled with how the HUB™ helped streamline the installation process and meet the customer's needs.