

PROJECT REVIEW:**Big Box Retailer Utilizes Retrofit LED Lamp to Improve Light Quality**

Foreverlamp provided an easy to install solution that met the project criteria, resulted in a fast ROI, and delivered a very high quality light that is energy efficient and long lasting at 60,000 hours.

City	Nationwide
Country	USA
Total # of Stores	40 US Locations and counting as of June 2016
Units Per Location	500+
Category	Retail
Year	2016
Light Effect	Uplight / Downlight
Source	LED
CRI	83

THE SITUATION:

One of the nation's largest big box retail chains known for its sustainable operations sought to improve overall occupant comfort while improving efficiency in their existing stores. They needed a solution that maintained the look and feel of their existing 400W metal halide lighting solution while improving the lighting quality and efficiency of the lighting system.

THE SOLUTION:

Foreverlamp provided the solution with the industry's first 24,000 lumen plug and play retrofit lamp for Metal Halide lamps. Foreverlamp solved the technical challenge of creating up-light with a directional LED source by creating enough up light to avoid the cave effect of other LED screw in lamps. The Foreverlamp plug and play bulb was able to deliver a technologically advanced solution to reduce energy and operating costs, improve ambiance and the look of merchandise, while reducing the stores environmental footprint.

**THE RESULTS:****Energy cost savings per store:**

- 500 fixtures
- 200W savings per fixture
- 20 hours/day
- 365 days/ year
- Avg Energy Cost: \$.10/kwh
- Avg Payback: 7.5 months
- Average Energy Savings per Store:\$72,800



BEFORE:

Existing Metal Halide lamps in the customer aisle provided an output of 400W and a CRI of <65.

AFTER:

The Foreverlamp 400W MH VHO model LED lamp has replaced the Metal Halide lamps providing a better quality of light with a CRI of >80 and a 200W energy savings solution. The difference in light quality is easy to see.

Product Used



400W METAL HALIDE LED Retrofit Lamp

GS-400U-VHO-840

Professional high output LED replacement lamp for Metal Halide

400W METAL HALIDE RETROFIT

- Industry's only 24,000 lumen plug-n-play Metal Halide replacement lamp
- Lamp Life: 60,000 hours
- 200 watts
- 5000K, +83 CRI
- Instant On / Off
- Dimmable with LED driver
- Works with existing magnetic probe and pulse start ballast
- Replaces traditional Metal Halide Lamps for 400W - 175W
- Patented cooling and innovative design
- UL Recognized. LM 79 & LM 80 Reports available
- 5-year unconditional warranty