

PROJECT REVIEW:

Verizon Upgrades Warehouse Lighting with Retrofit LED Lamp



THE SITUATION:

Verizon needed to renovate their office and warehouse lighting at their Culver City, California facility. Their existing Metal Halide lamps were constantly burning out and in need of replacement.

The poor light quality and lamp outages in the office and warehouse areas began to cause safety issues for employees and many inconveniences. The first employee to report to work at 4 am would enter the work area, turn the light switch on, and have to wait at least 15 minutes for the MH lamps to warm up and brighten before she could begin working. In the interim, she would use a flash light to negotiate around the offices.

The Facility Manager began to look for an energy efficient solution that was cost effective and provided an easy-to-install system upgrade to LED.

City	Culver City, CA
Country	USA
Category	Office / Warehouse
Type	400 W Metal Halide

THE SOLUTION:

The Foreverlamp GS-400U-HO-840 model was selected as the optimal solution to replace the old metal halide lamps throughout the complex of the Verizon Culver City location. The end results were dramatic with increased light output and improved lamp life of over 60,000 hours.

With a burn time of 60,000 hours and superb lumen maintenance, Verizon Culver City Staff will have no worries about their lighting for years to come.

Product	GS-400U-HO-840
Output	21,000 with uplight
CRI	83



Before the retrofit, employees had to use flashlights upon entering the building as they waited for the existing MH lamps to warmup. By replacing the MH lamps with Foreverlamp's LED Retrofit lamp, employees now enjoy instant on / off and a CRI of over 83.

"The quality of light and the brightness of the new lamps is a great improvement over the old lamps we were using", commented the Facility Manager.

Product Used

400W METAL HALIDE RETROFIT

- 21,000 lumen lamp with uplight to illuminate Acrylic or Glass Dome fixtures
- Lamp Life: 60,000 hours
- 4000K, +83 CRI (5000K standard)
- Instant On / Off
- Dimmable with LED driver
- Saves 200 Watts Per Socket
- 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 warranty



400W METAL HALIDE LED Retrofit Lamp

GS-400U-VHO-840

Professional high output LED replacement lamp for Metal Halide



THE RESULTS:

Energy cost savings per lamp:

- 200W savings per fixture
- 20 hours/day
- 24/7
- Avg Energy Cost: \$.10/kwh
- Avg Payback: 7.5 months

Functional benefits:

- Much better light quality over MH- CRI greater than 83
- Much Longer Life (60,000 hours)
- Simple Screw Out and Screw In Replacement
- Instant On and Instant Off