

PROJECT REVIEW:

Major Hollywood Studio Dramatically Improves Light Quality and Reduces Carbon Footprint with Retrofit LED Lamp



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 50,000 + hours.

City	Hollywood, CA.
Country	USA
Total # of Lamps	321
Category	Commercial
Year	2016
Light Effect	Uplight / Downlight
Source	LED
CRI	83
Lumen Output	24,000

THE SITUATION:

A major Hollywood Studio was looking to upgrade their existing MH fixtures with a solution that would not only reduce their carbon footprint but deliver a better quality and experience of light. The Director of Plant Services reviewed solutions from a variety of different LED lighting manufacturers and selected Foreverlamp as the optimal solution.

THE SOLUTION:

The Foreverlamp GS-400 Series replacement lamps were used to replace over 321 existing MH lamps located throughout each sound stage. Directly following installation, the visual difference in illuminating the sound stage was very evident. The new GS-400 lamps delivered a Color Rendering Index of over 83 vs. 65 of the original MH lamps. This increase of light output by more than 30% enabled the directors and crew to better see the actual colors of the set under the new and improved color temperature.

With shooting up to 12 or more hours a day during full production, Management also experienced the huge benefit of the "Instant On/ Off" the new lamps provided. This feature has maximized recording time in the studio since staff no longer have to wait for the MH lamps to cool down to restrike.



"The Foreverlamp was the lowest cost solution and the easiest way to save energy and update all our sound stage lighting fixtures since all we had to do was replace the lamp." "The lamps gave us everything we were looking for, they are easy to install, the lamps deliver more light than the original Metal Halide lamps, while saving us over 200 watts per fixture. An added benefit that everyone loves is we now have instant on light where before we had to wait for five or ten minutes for the lamps produce usable light." --- Director of Plant Services

THE RESULTS:

**Delivered >83 CRI - increase of 30% over MH
Instant On / Off vs Start Up Delay of MH
Average Energy Savings \$47,174**



Studio lights can now be turned **instantly on and off** eliminating any downtime spent waiting on lamps to cool down before they turned back on.

ENERGY SAVINGS:

- 321 fixtures
- 200W savings per fixture
- 14 hours/day - 6 days / per week
- Avg Energy Cost: \$.18/kwh
- Avg Payback: 1.0 year
- Average Energy Savings \$47,174

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
- Industry's only 24,000 lumen lamp with upright to illuminate Acrylic or Glass Dome fixtures
- Industry's only 24,000 lumen lamp with upright to illuminate ceilings
- Lamp Life: 50,000 hours
- 24,000 lumens
- 200 watts
- 5000K, +83 CRI
- 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
- Features Direct-Fit EZ Install® technology
- UL Recognized. LM 79 & LM 80 Reports available
- 5-year unconditional warranty