



Westinghouse



MANUFACTURING



ORANGE COUNTY CHOPPERS

Montgomery, New York

BENEFITS

- Improved Light Distribution and Color Rendition
- Reduced Glare
- Minimal Relamping



PROJECT BACKGROUND

Orange County Choppers of TLC's *American Chopper* was in search of a lighting system that enhanced their custom chopper manufacturing shop and enabled filming of their television show. For the detail work done in their shop, they needed a lighting system that provided high light levels with excellent color rendition. Most importantly, the lighting had to be suitable for filming without the need for supplemental studio or task lighting. Orange County Choppers turned to Westinghouse Lighting Solutions for a new lighting system.

THE WESTINGHOUSE SOLUTION

Westinghouse designed a special beam spread that eliminated the need for additional lighting fixtures. This new lighting system maximizes the effectiveness of the Orange County Choppers' fully operational metal fabrication shop. It also provides excellent color rendering in areas essential for the Chopper's custom work, including warehouse, production, and high bay open spaces. In addition, the new Westinghouse system enables them to film *American Chopper* without the need for supplemental studio lighting.

The Chopper's old lighting system used inefficient 400 watt HID lamps and fluorescent channel lights, which had a tendency to produce glare and required additional studio lighting. The Chopper's new lighting system provided by Westinghouse utilizes a 2-lamp T5HO wide-beam full-body fixture with a CRI of 85. Each fixture operates at only 117 watts while achieving an average of 50 foot candles on work surfaces. The high light levels provided by the new Westinghouse fixtures eliminate the need for dropdown task lighting.

RESULTS

The new lighting system for Orange County Choppers has improved light distribution and color rendition while reducing glare and relamping frequency. Paul Sr. of Orange County Choppers is so thrilled with the results of the lighting upgrade that he plans to use Westinghouse fixtures in his new facility. "Anyone who watches the show knows, nobody is happy unless Paul Sr. is happy," said Jay Goodman, managing director, Westinghouse Lighting Solutions.

“ Lighting the Choppers production area was very important; however, the design and support provided by Westinghouse kept Paul Sr. happy.

That is what really impressed us.”

– Joe Puliafico,

Orange County Choppers, Senior VP Licensing,
Merchandising & Retail Operations

PRODUCT FEATURES & BENEFITS

• Precise Optics & Advanced Reflector Technology

Customized reflector systems offer numerous beam spreads, which allow for the perfect solution based on the specific area and location to be lighted.

• Light Weight Aluminum Body

The aluminum body contributes to optimal thermal management of the ballast and the lamp.

• Snap Down Ballast Cover & Lock-in Mounting Bracket

Proprietary easy-access ballast design; no need for tools or to remove the lamps and reflectors to access the ballast. The mounting bracket provided allows for a quick install of the products.

• Instant On – No Buzzing or Flickering

No downtime due to power outages.

CASE PROFILE

Orange County Choppers is a custom motorcycle manufacturer founded by Paul Teutul, Sr. and Paul Teutul, Jr. in 1999. The company is featured on *American Chopper*, a reality TV show that debuted in September 2002 on the Discovery Channel and has contributed to the company's quick rise to fame. Today, Orange County Choppers is regarded as one of the world's premier builders of custom motorcycles.

You can be sure...if it's Westinghouse



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