

# The Container Store Chooses AEI's Fixtures For New Million SF Center



## AEI's Integration For An Existing 480-Volt System, Instant 'ON' & Sensors Add To Savings

### The Container Store

#### One Million Square Foot Distribution Center

The Container Store, a provider of various lines of container business solutions for office and home approached AEI Lighting for an innovative lighting solution for its new million square foot distribution center. The developer had planned to use 1000-Watt HID fixtures to illuminate the distribution center. AEI proposed an 8-lamp 54WT5HO system that was mono point rigid mounted and individually controlled by occupancy sensors. The electrical distribution equipment was already in place and only 480 Volts were available to operate the lighting system. In years past, commercial ballasts for 480V systems were not available, but AEI combined with Advance Transformer to create fixtures with 480V high temperature ballasts. The result was over 20 footcandles maintained of high CRI white light with each fixture controlled by occupancy sensors. The load reduction with new AEI fixtures was 640 Watts per fixture. The color and uniformity of the lighting are a perfect match for the distribution space that utilizes the colorful art of Mondrian to create a productive work environment. Overall, the Container Store's energy usage at its new distribution center was reduced by 50%.



#### AEI's AutoPoint Mounting System Used Throughout

All of the fixtures in the The Container Store distribution center utilize AEI's exclusive AutoPoint Mounting System. The AutoPoint mounting system allows the installer to attach AEI's fixture to the existing eyebolt used to hang the HID fixtures. AutoPoint provides rigid attachment with a 3/4" galvanized stem available in any length. The results, when using AutoPoint, are plum, square and clean lighting installations not subject to sway with air movement. AEI's fixtures also utilize a center wire way reflector that allows easy access to battery packs, ballasts and the wiring compartment for years of trouble-free maintenance.



### The Container Store's Equipment & Savings Summary

- ▲ 1,000-Watt metal halide fixtures were replaced with 578 of AEI Lighting's T5L-854P fixtures
- ▲ Mounting Height=30 feet above floor
- ▲ 20 footcandles maintained on the floor
- ▲ Distribution Center energy usage (lighting load) reduced by 50%.



**A E I**

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