

# AEI SAVES ENERGY AND IMPROVES LIGHTING LEVELS 50% FOR UNITED



- Saved over 100 watts per fixture
- Increased light levels over 50%



6000

BRINGING YOU  
OUT OF THE  
DARK AGES.



United Stationers is a 24/7 distribution facility for office supplies in St Louis MO. They have gone through several lighting systems since the facility was built. The original design was with 400W HPS. Because of the poor color, United Stationers upgraded to 400W Pulse Start Metal Halide. This system provided bright white light for the first year of operation. After a year, color shift and lumen depreciation had them looking for another solution. They evaluated T8 and T5 high bay options. Because the facility has 480V lighting panels, T8 was eliminated from their options. T8 ballast are not currently available in 480V, but a 480V T5HO solution was available from several manufacturers. AEI provided a T5L 654 fixture with 480V ballast as our solution. A mock up showed the T5L 454 as an equal to existing, but the client decided to increase their light levels with the 654 solution. The end result was a savings of 100 Watts per fixture and an increase in light levels of almost 50%. The workers have commented that they have not had this much light to work with since the roof went on!



With AEI's T5L 654 United Stationers increased light levels almost 50%