

CASE STUDY



	EXISTING	ECOLIGHTING REPLACEMENT	SAVING
Number of Lights	233	200	10%
Annual KWh consumption	369,947	49,124	320,823 86%
Annual Lighting cost	£27,156	£3,606	£23,550 86%
Annual CO2 consumption	151,678	20,141	131,537 86%

Amethyst Group, one of UK's leading 3PL logistics providers in the fashion & Beauty, Consumer Durables and Automotive & Machinery aftermarket, contacted Lutterworth Ecolighting to review their Fradley Park operation as lighting levels fell below recommended guidelines.

The operation worked 16 hours a day over 7 days and consisted mainly of old 250w Metal Halide fittings, following the review and after consultation with the management on lux levels, these were replaced with our **Ecolite Industrial Hi-Saver** 3x80w for the open areas and our **Rackmaster** 2x80w for the racked areas.

Both staff and management are delighted with the results as lux levels were increased to 200.

Both light levels and uniformity was improved and **provided a return on investment in less than 2.3years.**

Ongoing maintenance of the new system will greatly reduce the impact on the operation as lamp life is expected to last over 5 years in the open areas and 15 years in the High bay racking.

