

Great Bear (Brackmills)



Great Bear, part of the Culina Group are an ambient 3PL logistics business managing in excess of 7 million sq. ft. of warehousing they also operate a large commercial vehicle fleet to facilitate their operation. With added value services such as Co-Packing, Pre-retailing services and E-Commerce Fulfillment, they offer a Total logistics offering

This particular Lighting installation took place in the loading bay area of their Brackmills site in Northampton, which was lit by a mixture of 400W metal halide discharge lighting and 5' T8 fluorescent batten fittings. Phase 1 of the site was lit by Ecolighting several years ago when Great Bear took occupancy, with energy efficient T5 lighting and integrated PIR's.

EcolightingUK was chosen because of our reputation with Great Bear, having converted many of their other sites across the country with LED lighting and similar stunning results.

The old lighting was replaced with almost half as many Pegasus LED high bays with occupancy and daylight harvesting sensor.

Light quality and uniformity has vastly improved. An emergency lighting upgrade was also part of the project.

Ecolighting utilised the Altos LED high bay to ensure compliance with BS5266 should the power fail.

This project took only two weeks to complete and Great Bear will get a return on their investment in under one year.

| | Existing | Replacement | Saving |
|------------------------------------|----------|-------------|-------------------|
| Number of Lights | 92 | 48 | |
| Annual KWh Consumption | 196016 | 19169 | 176847 90% |
| Annual Lighting Cost | £17529 | £1714 | £15815 90% |
| Annual CO ₂ Consumption | 96883 | 9475 | 87408 90% |

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The picture below shows improved uniformity and improved CRI, this can be seen by the yellow wall on the right picture versus the natural wall colour on the left picture, increased uniformity can also be seen on the far wall where you have dark spots on the left picture versus the right.

Before

After

