



Great Places

The Challenge

The first- and second-floor offices in Great Places' Didsbury premises were fitted with a range of traditional CAT2 fluorescent light fittings and 50w halogen lamps. The total energy expenditure was 24.99kWh hour. Assuming regular office hours (12 hours a day, five days a week), the lighting was costing Great Places £7768.80 every year.



The Solution

We replaced the old fixtures with a number of new LED light fittings, primarily from Allied's popular Lucid range. The total energy expenditure for the two floors after the lighting installation was only 7.8kWh. The new LED lighting will cost Great Places just £2402.40 a year.



Products Used

Allied Lucid 60

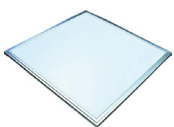
Allied Lucid 24

Allied GU10

Allied Lucid 2020

Allied LED Tube Series

Allied MR16



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The Results



The new LED lighting solution in the Great Places Didsbury office has provided the staff with increased lighting levels and a pleasant, neutral tone. The lights no longer flicker or buzz, reducing the risk of unpleasant side effects from working in poor-quality light, such as headaches, migraines and eye strain.

Great Places is saving 17.2kWh on its lighting alone in just one hour, an average cost saving of £1.72 for every hour that the lights are on. Assuming regular office hours, the total saving over one year would be £5365.40.

Services Used

- Consultancy and Strategy** - Allied provided a lighting survey to calculate and reduce current energy consumption for the Facilities team to present to the board of executives.
- Lighting Report and Visual Design** - We provided a complete lighting design after reducing the current fitting by 20%. This was to show that we improved lighting levels and conformity, while reducing fittings.
- Finance Modelling** - The client didn't need finance modelling.
- Luminaire Supply** - We provided a number of fittings, including the Lucid 60, Lucid 20 Square and LED tube.
- Install and Recycle** - We offered a complete installation service as well as recycling coffins to correctly dispose of existing fluorescents.
- Lighting Maintenance and Warranty** - As with all Allied products, the customer received peace of mind with our five-year product warranty.

Customer Feedback

“we were constantly changing lights and suffering from the flicker and hum from flouresent lighting. Now with Allied LED installed that has completely disappeared and the offices look great”

Sarah Mclellen
Environmental Manager