



After trialling our products, Dennison Commercials Ltd decided to move to a full site LED conversion project with Light Footprint for their Hill Head Workshops, Stores & External lighting. The project proposal was then backed with a thorough and transparent business case (cost / savings / payback analysis) to ensure that the products offered both technical and financial viable solutions.

We secured a grant from Energia to help ease the financial commitment and with this support on board Dennisons made the decision to sacrifice some of the potential savings to achieve increased lighting levels. Moving away from the sodium lamps to the strong crisp 'Daylight White' of our LEDs we were able to increase lighting in the workshops by almost 60% while still delivering a 58% reduction in electrical costs, CO2 emissions and consumption.

For the offices, corridors, stores and all other internal areas we opted for a 4500K 'Natural White' Colour Temperature to create a slightly softer internal working light. To round things off, we again moved away from the low sodium colour temperatures for the external areas to the 5800K (Daylight White) LED fittings to maximise light output for both increased visual aesthetics and security.

"Our workshop staff in particular have really appreciated the increase in lux levels and the quality of the light from our new LED installation. This has made their work easier and has improved employee satisfaction". Michael Petticrew, Finance Director.



PROJECT HEADLINES

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|--|---------|
| Estimated Annual Electricity Savings (%) | 58% |
| Estimated Annual Electricity Savings (kWh) | 108,100 |
| Estimated Annual CO2 Savings (Tonnes) | 53.0 T |
| Payback | 3.6 yr |

AREAS CONVERTED

| |
|---------------------------|
| Workshops |
| Stores |
| Trade Counters |
| Offices & Staff Areas |
| Yards & Exterior Lighting |
| Corridors & Stairwells |

LED PRODUCTS USED

| |
|------------------------------------|
| 600x600 Panels |
| T8 High Brightness Tubes |
| 20W LED Bulkheads |
| 150W & 200W Low Profiles High Bays |
| 50W & 80W Multi-Purpose Flood |
| 100W & 140W Heavy Duty Floods |