



## ESL Provide Dramatic Cuts to Council's Carbon Foot Print

### THE BRIEF:

Energy Saving Lighting (ESL) is a company that Local Authorities can rely on. ESL currently supply and install LED lighting on behalf of 20 Local Authorities throughout the UK; with the number increasing each month. ESL focus on collaborative relationships to achieve a solutions driven service, understanding each councils need to drive down their energy bills, reduce carbon footprint and ensure low maintenance lighting.

Havering Council have numerous sites in its borough which were running very high carbon emissions. ESL we contacted by the council to provide bespoke surveys on 12 different sites including 2 public car parks, 4 schools and 8 civic offices including Romford Town Hall, Library, PASC and Depots. They wanted to see how much they could possibly reduce their emissions by switching to LED lighting.

### THE SOLUTION:

Impressed with the survey results, product offering and efficiency of the ESL team; they were contracted by Havering Council to move forward and carry out the lighting upgrade on all 12 sites, running over a 2 year period.

### QUICK FACTS:

**67% Reduced Energy Costs**  
**£ 250,000 Annual Savings**  
**Payback 24 Months**  
**Carbon Ton Saving 1500T**

“ *ESL were recommended to us and we have found them to be excellent LED partners who provide a good quality solution at great value and delivered on time. Their customer service is efficient and effective at all times and we will continue to work with them in the future.* ”

Mark Lowers, Energy Strategy Officer

A wide variety of products were used depending on the location of each site from LED Street lighting, LED Car Park lighting, Indoor LED Panels and Strip Lights for Schools and Civic Offices. Features such as motion sensors and dimmers were used on some lighting, in service corridors and stairwells where lighting needed to be on 24 hours but there would be long lengths of time when area's were not in use. In schools the natural lighting colour was paramount and a consistent flicker free lighting solution for the Car Parks essential.

#### THE RESULT:

The projects main goal was to reduce the councils carbon emissions, which was successfully achieved resulting in an outstanding 1500 carbon ton reduction. Not only this but the council also found improved quality of light across the board on all sites and with the 50,000 hour life expectancy of the lights a huge cut in maintenance costs as additional but hugely valued benefits.

The council experienced a 67% saving on their energy bills which in turn resulted in a payback period for the project in 24 months of completion.

Annual cost savings of the 12 sites combined looks to achieve £250,000 cost saving per annum.

After such fantastic success ESL are now in talks about further projects where they can help upgrade Havering Councils lighting on additional sites.

