

ENERGICITY CASE STUDY ST. PAUL'S, CITY LOFTS SHEFFIELD

DETAILS

CASE STUDY

St. Paul's City Lofts, Sheffield

DATE PROJECT COMPLETED

December 2017

CLIENT

Premier Estates

AREA

Communal lighting to all 32 floors of this prestigious 316-unit residential development.

ANNUAL SAVINGS

£31,600


ROI

22 Months

CO₂ SAVED


133 Tonnes

THE BRIEF




Premier Estates Ltd engaged Energicity in July 2017, to carry out a detailed evaluation of existing energy expenditure at City Lofts a residential apartment development which is also the tallest building in Sheffield.

THE CHALLENGES

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- Significantly reduce energy and repair and maintenance costs.
 - Improving the aesthetics of the communal areas. Lighting levels, colour temperature and the intelligent controls would be key.
 - Viable proposition – The requirement for a finance solution, allowing the client to only utilise part of their reserve fund on any initial payment.

THE SOLUTION



Energicity and the residents' association conducted extensive trials to ensure that the potential savings were proven beyond doubt and also to ensure that the style of lighting, lighting controls, light levels and colour temperature met the clients exacting requirements. The client settled on group controlled dimmable LED lighting with Lutron wireless motion controls. The total annual savings (energy and repair / maintenance) were confirmed as £31,601 (figure 1). An ROI of under 2 years (Figure 2). We provided the client with a finance solution (detailed in Figure 3)

