



■ CASE STUDY  
MONKLANDS HOSPITAL  
NHS LANARKSHIRE

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### FAST FACTS

The Solara range of LED lighting products are specifically designed with the ongoing reduction of maintenance and energy costs in mind.

### THE OVERVIEW

Monklands is a district general hospital in Airdrie, North Lanarkshire, Scotland. The client contacted Exled to look at the most suitable LED lighting options available to improve the light levels and energy consumption around the hospital. These changes include reducing utility bills by using cost effective, low energy lighting.

### THE REQUIREMENT

To change the lighting in all corridors within the hospital from dark traditional lighting to a much brighter LED light. Taking into account lighting levels required by CIBSE Healthcare lighting guide. NHS Scotland is keen to improve their carbon footprint and lighting is a cost effective solution to this.

### THE SOLUTION

Exled conducted a lighting survey and made recommendations; the client looked at various options and decided that the most cost effective solution for them was to use our Nova 3 panel.

The Nova panel from our Solara range was chosen due to its sleek design and flexibility in how it can be used as it has a unique switching feature.

Nova's revolutionary design reduces wastage, maintenance and disposal costs, enabling our client to reduce their energy bills.

### THE OUTCOME

Monklands Hospital fitted a total of 196 Nova panels in a mixture of Cool White 5300k and Neutral White 4500k. The LED panels reduced the energy usage from 80 Watts per light fitting and ballast to just 39 Watts complete per fitting.

Monklands hospital are so happy with the Solara range that they are looking at future projects which will incorporate the Exled Nova 3 panels.

The staff at the hospital have commented on the improvement in lighting levels which have made the corridors a brighter, more pleasant place to be.

Nova has fulfilled its promise – high quality lighting which doesn't cost the earth .



Solara LED systems dramatically cut maintenance costs, improve light quality and use less energy.

If you would like to know more about energy saving in your Estate please contact [sales@exled.co.uk](mailto:sales@exled.co.uk) or call 01453 756361