



## Industry Case Study



Horizon Leisure Centres, is the local charity that operates both Havant and Waterlooville Leisure Centres. Horizon aims to provide facilities and activities that are accessible to all the community to make life better. Both of our Leisure Centres are dedicated to providing a wide range of sporting and leisure facilities and activities.

The main Swimming Pool and Splash Pool at Waterlooville Leisure Centre were aware their current lighting was over ten years old, and were interested to see what savings could be made.

CherryLux performed a free lighting survey to assess what savings could be made, it came apparent that significant savings could be made by switching across to an LED lighting solution, along with helping to reduce maintenance costs moving forward.

*The pool hall lighting had long been a contentious issue – yellow and uninviting. CherryLux explained the various options available to us to really bring the area to life. The lux levels were extremely important because of the safety required around the pool and the final presentation was exactly what we needed. CherryLux were also very accommodating while we went ahead alongside the government’s ‘Green Business Fund’ and the hurdles that entailed to have funding supporting the project. Not only does it look great but it’ll pay for itself in almost no time at all!*

*Carl Shear  
Operations Manager  
Horizon Leisure Centres*

## Can we help you too?

### How CherryLux helped...

CherryLux replaced the existing 26 (PL Fluorescent fittings 4 x 55w) with 26 CherryLux energy-efficient LED Flood Light fittings (100w each).

The old lights were getting high in maintenance with the need to replace fluorescent tubes, due to their location costing both time and money.

The new LED Flood light fittings have not only aesthetically improved the appearance of the Swimming Pools and atmosphere, they are also set to reduce the energy consumption by 73% as well as increasing the average lighting levels with a uniform spread of light. Waterlooville Leisure Centre Swimming Pools are forecasted to see a reduction in their energy bill of £2,995 per year, and a proposed annual saving of 15 tonnes of carbon emissions.



#### Environmental Benefits

Annual CO2 Savings ..... 15 tonnes  
Annual Energy Savings..... 28,013 kWh

#### Operational Benefits

Annual Maintenance Savings...£260  
Increased Lux.....18%

#### Financial Benefits

Annual Savings .....£ 2,995  
Percentage Savings..... 74%  
ROI Period..... 27 months

