



## British Airways Sports Complex

Chalmor Ltd helped The British Airways achieve lighting energy efficiency in Sports Complex and over six of their Squash courts at their prestige facility the "Concorde Club" in Heathrow, London.

Light levels prior to the project measured between 150-270 lux. The aim of the project was to achieve an average 500 lux light, with good uniformity level across the walls and the floor. To achieve this objective, four 150W Endurance light fittings were installed with a BlueWave Occupancy Sensor to manage the lighting and heating for each court.

The Endurance light installations were ideal for the squash courts at the Concorde Club, due to their low maintenance 'fit and forget' benefits. Endurance has a long operational life, with an estimated minimum seven year lifespan without the need to change a single lamp, even running for 24 hours a day!

Lights in each court are controlled by a BlueWave occupancy sensor, which switches them on automatically when activity is detected. After a 10 minute run time, lights switch off if no further movement is detected. This time delay prevents unnecessary switching between adjacent settings.

The design also uses embedded occupancy heating controls where both lighting and heating are controlled simultaneously to save money.

Together, Chalmor's Endurance and BlueWave Occupancy Sensors have helped BA clubs enhance their lighting performance while ensuring energy efficiency and cost savings.

"I am now more than happy with the lights and heating... I'm beginning to see savings on our electricity charges. Thanks again Chalmor for overseeing the project"

**Kevin Shults, Facilities Manager & Operations Coordinator, BA Clubs**



**Chalmor**  
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