

Case Study Summary - Decarbonisation Project at Sheffield Special Needs School



Lighting-Power-Control



- The scope of the project was to replace legacy corridor and office lighting with lower power dimmable LED versions with further energy saving using occupancy and daylight sensors
- Wireless Philips dimmable 600x600 LED panels used for corridors with programmable wireless occupancy sensors to dim and then turn off the lights when not used
- Anti-glare Philips dimmable 600x600 panels used for offices with retractable switches to allow the users to dim to their preference
- Dimmable Philips T5 LED replacement tubes using the existing batten casings facilitating the existing integral occupancy and daylight sensors
- Round Philips diffused LED bulkheads with 3-hour emergency for stairwells with daylight and occupancy dimming
- The Philips interact-pro app used to allow for easy commissioning and backup, user control using mobile phone and the school's own online dashboard for energy use monitoring.

