



MIDLAND HEART LIGHT UPGRADE

CLIENT

Midland Heart

COMPANY SECTOR

Housing

KEY ELEMENTS

Sustainability Initiatives
Innovation
Cost Saving

VALUE OF PROJECT

£150,000



CLIENT BRIEF

Midland Heart sought an innovative LED lighting upgrade to support the needs of the residents. Due to the configuration of the flats, the team was challenged to find a solution that would not activate corridor lighting when residents entered their kitchens, as their kitchen windows faced the corridors. The traditional specification of utilising fittings within the corridors with integrated microwave sensors would need revising.

PROJECT SOLUTION

EA-RS proposed a solution using a Hytronik modular wiring system and an intelligent programmable Bluetooth PIR switching system. This system allowed for easy adjustments via an app, offering custom detection ranges, hold times, dimming levels, and daylight sensing. The solution ensured optimum energy efficiency and maximised the longevity of the fittings. Specifically, the system met the client's requirements for dimming down to 10% output, not turning off, and ramping up to 100% output when movement is detected, with a hold time of 2 minutes.

PROJECT RESULT

The implemented solution resulted in a successful installation, addressing the unique challenge presented by the configuration of the flats and resident preferences. Moreover, it significantly contributed to sustainability by optimising energy efficiency, and offered potential cost savings through tailored functionality.