

## Access Routes Application



Somerville College, Accommodation Block, Oxford.

- Easy To Use
- Simple To Install
- Energy Saving
- Occupancy Detection
- Fully Automated
- Client Safety

## Requirements

A prestigious Oxford University has a number of accommodation blocks for domestic and overseas students and needs to provide a safe and well lit environment, yet also achieve the maximum energy savings possible.

The system must run without intervention from the occupants and operate on a continuous basis. There are a number of areas within the building ranging from entrance atriums, staircases, corridors, and cloakrooms. Due to the varying degrees of natural daylight within each space, a number of different control strategies are employed to achieve the maximum savings, but at the same time ensuring appropriate lighting levels.

Control is mainly via sensors that are used to provide occupancy detection combined with daylight harvesting. Time based overrides exist in some areas to provide a "night light" level to encourage the feeling of safety.

Luminaires used consist in the most part of controllable fluorescent lighting, either linear or recessed compact.

## Products



### 312 Multisensor

Ceiling mounted unit to provide occupancy detection. Also includes infrared receiver and light sensor to provide daylight harvesting functionality. (Ref: IF00002 & IF00005)



### 910 DIGIDIM Router

Network processor device that provides interconnection of all DALI compatible devices to form larger systems. On board timeclock and conditional logic functions allows automation and complex tasks to be carried out. (Ref: IF00004, IF00008 & IF00009)



### DALI Ballast

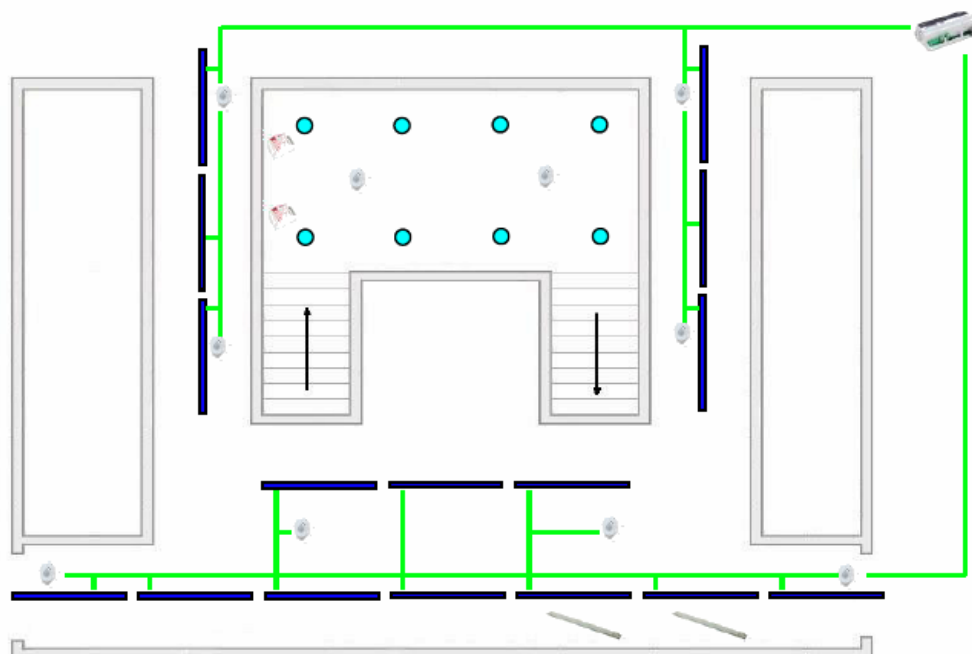
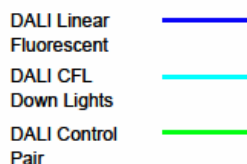
Digital electronic ballast for T5 fluorescent lamps covering 14W to 80W. Ballast available as single or twin lamp types.



### DALI Ballast

Digital electronic ballast for compact fluorescent lamps covering 18W to 40W. Ballast available as single or twin lamp types.

## Wiring



Note:-  
Not All Connections  
Or Modules Shown.

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