

Classroom Application



Swedish Education Authority, Stockholm.

- Easy To Use
- Simple To Install
- Energy Saving
- Absence Detection
- Whiteboard Control
- Client Comfort

Requirements

A simple stand alone design is required for classroom lighting within the education system's schools and colleges. The system must be easy to install and configure, and provide a degree of energy saving to meet with the environmental policy of the education authority and local government.

The solution is to be deployed over time to a number of institutions, it must therefore be easy to roll out across several regions and numerous electrical contractors.

A common scaleable design is allowed for each classroom that provides manual control for the main lighting, combined with absence detection and daylight harvesting for the luminaires towards the window profile. A touch control is also implemented for the white board lighting to provide simple on, off ,raise and lower functionality

Luminaires used consist of linear controllable fluorescent lighting, within which the sensor is incorporated.

Products



402 DALI Power Supply

Unit that provides 250mA DALI supply to all system components.



312 Multisensor

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



444 Mini Input Unit

Back box unit to allow third party interfacing to the lighting control system using voltage free contact closure. (Ref: IF00006)

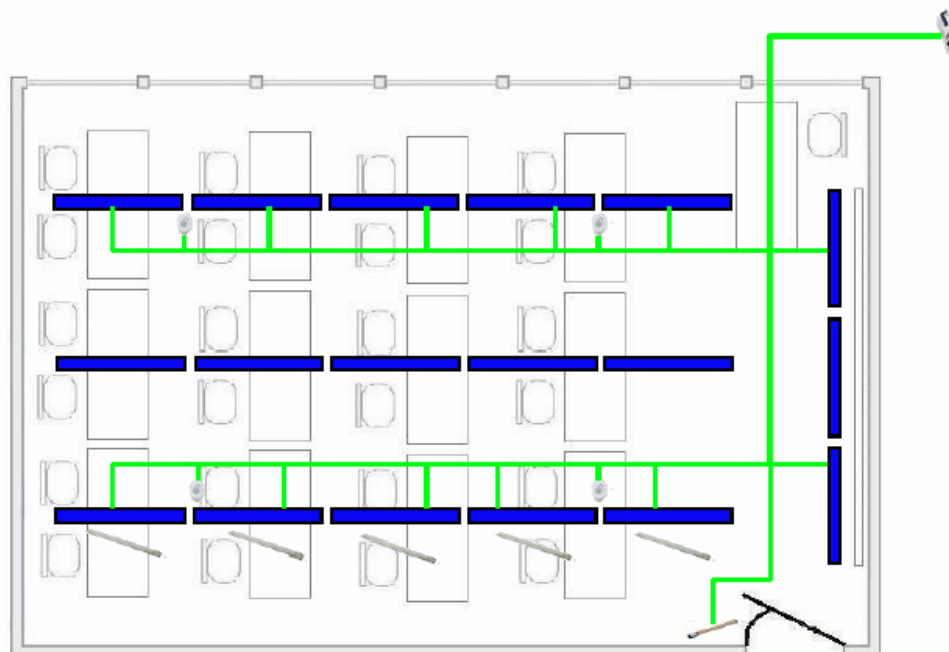


DALI Ballast

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

Wiring

DALI Linear Fluorescent —
 DALI Control Pair —



Note:-
 Not All Connections
 Or Modules Shown.

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