

Distribution Warehouse (DIN rail) Application



Ideal Combi, Denmark

- Easy To Use
- Simple To Install
- Energy Saving
- Occupancy Detection
- Fully Automated
- Remote Monitoring

Requirements

A large distribution warehouse operating on a 24 hour basis, 7 days per week that requires pre-set lighting levels to be maintained automatically.

A number of unique areas within the building exist ranging from office spaces, relaxation areas for drivers, loading bays, external loading areas, and of course storage. The different spaces require different control strategies to be employed to achieve the maximum energy 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, with time based overrides in some areas. The complete system is monitored from a remote BMS system as part of the client operation.

Luminaires used consist in the most part of controllable fluorescent lighting, either linear T5 or recessed compact, high bay high intensity discharge and external flood lighting.

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)



498 Relay Unit

Eight channel unit that provides switched control for non-dimmable loads or a contact closure output. Each relay is rated at 10A and fitted with high in-rush resistant relays.



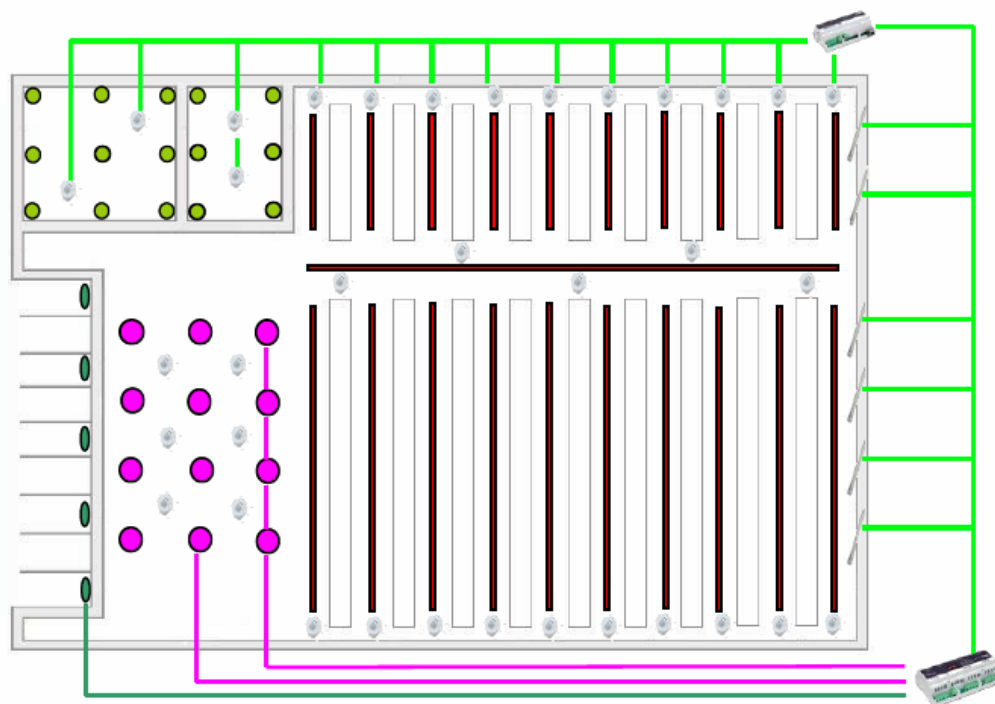
DALI Ballast

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

Wiring

- Linear T5 Fluorescent —
- CFL Down Lights —
- High Bay HID Lighting —
- External Flood Lighting —
- DALI Control Pair —

Note:-
Not All Connections
Or Modules Shown.



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