

FLC

Series

CI-SfB 1976 reference by SfB Agency

(63) x

FEBRUARY 2006

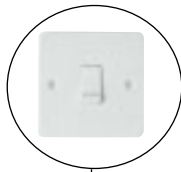
Digital Dimming Systems and Controls



Fluorel Lighting

SwitchDIM Basic The cost-effective solution

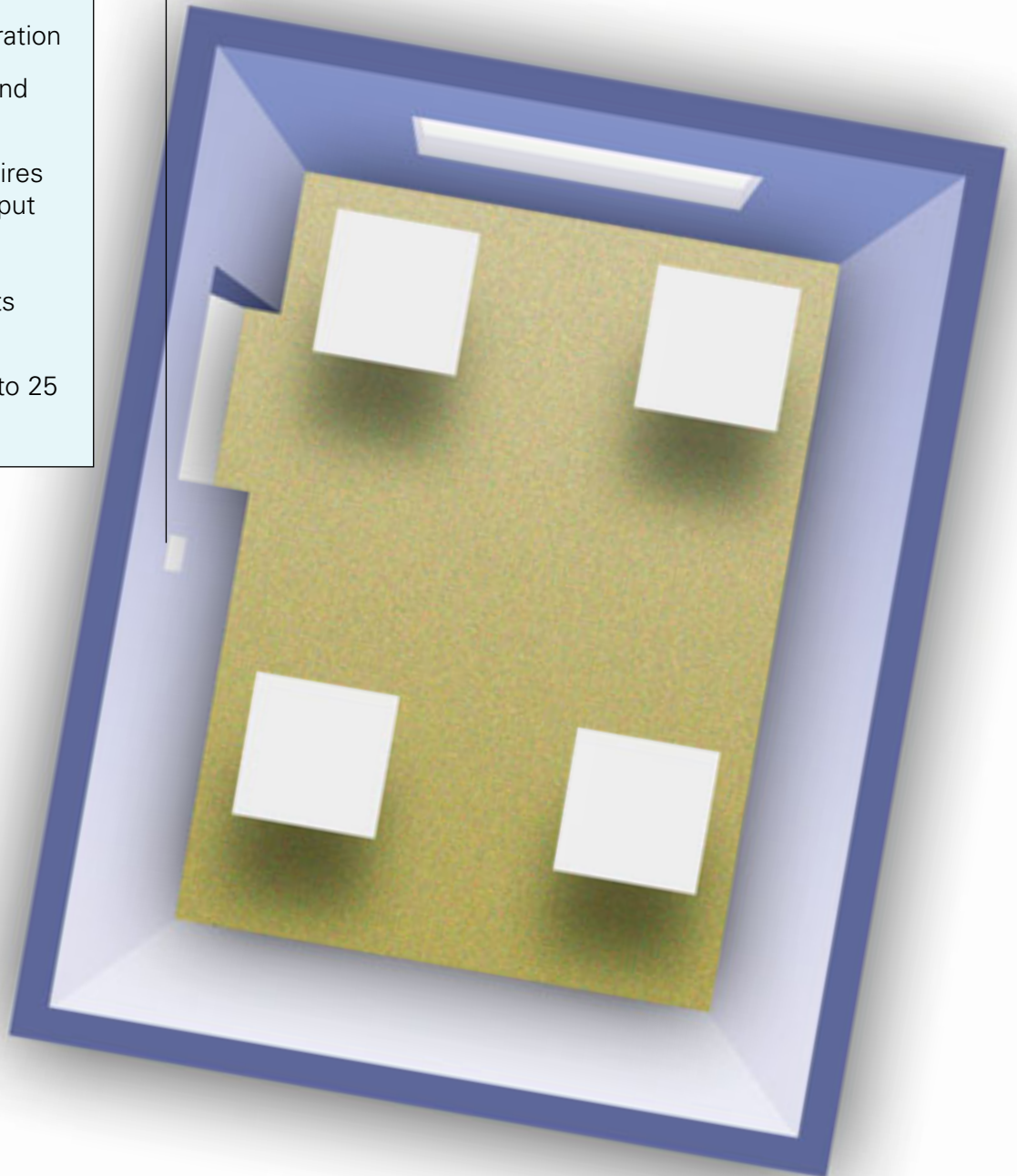
SwitchDIM is our simplest and most cost effective form of digital dimming. Designed typically for small to medium scale projects.



Push to make switch

Benefits:

- Inexpensive push-to-make switches control dimming and on/off operation
- Polarity free wiring
- Multi-point operation
- Simple wiring and installation
- Controls luminaires from 100% output down to 1% dependent on dimming ballasts used
- Can control up to 25 ballasts



SwitchDIM Sensor The automatic solution

For further energy saving, sensors can be included in the circuit to automate the switching/dimming dependant on circumstances.

Daylight

- A sensor can be installed to maintain a light level within a room taking into account any daylight seen by the sensor

Presence

- A sensor can be installed to switch off the luminaires once no presence has been detected and a pre-determined time has elapsed. Once triggered again the lights automatically switch on.

Combination

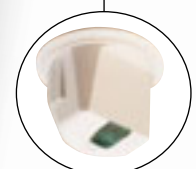
- Both of the above can be incorporated in to one sensor to achieve maximum performance



Standard PIR sensor

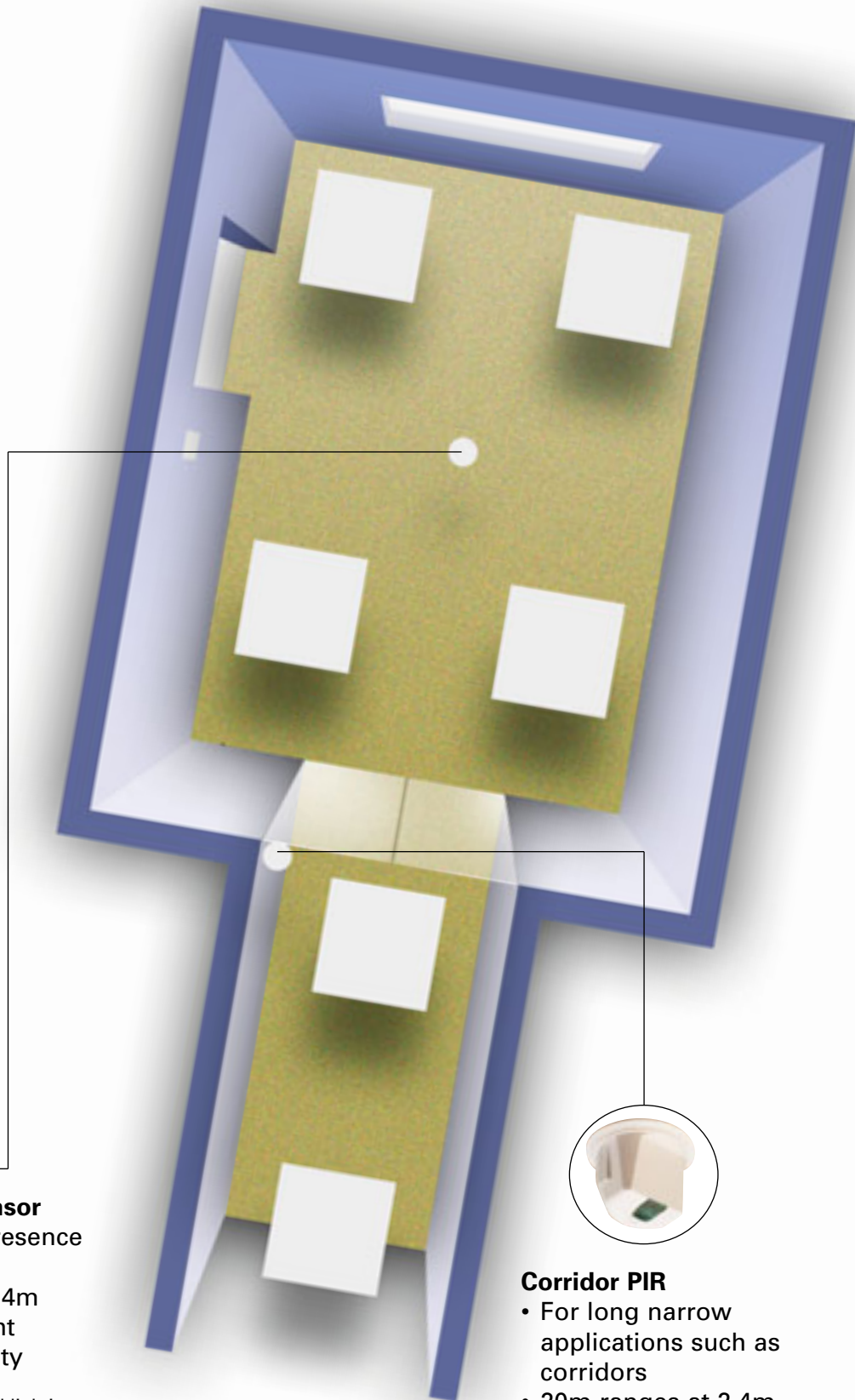
- Daylight and presence detection
- 6m ranges at 2.4m mounting height
- 8 Ballast capacity

Please note: Maintained lighting level is only available if regulating ballasts are installed into luminaires. If not, the luminaires will switch off if enough daylight is detected to maintain pre-determined lighting level.



Corridor PIR

- For long narrow applications such as corridors
- 20m ranges at 2.4m mounting height
- 10amp switching capacity

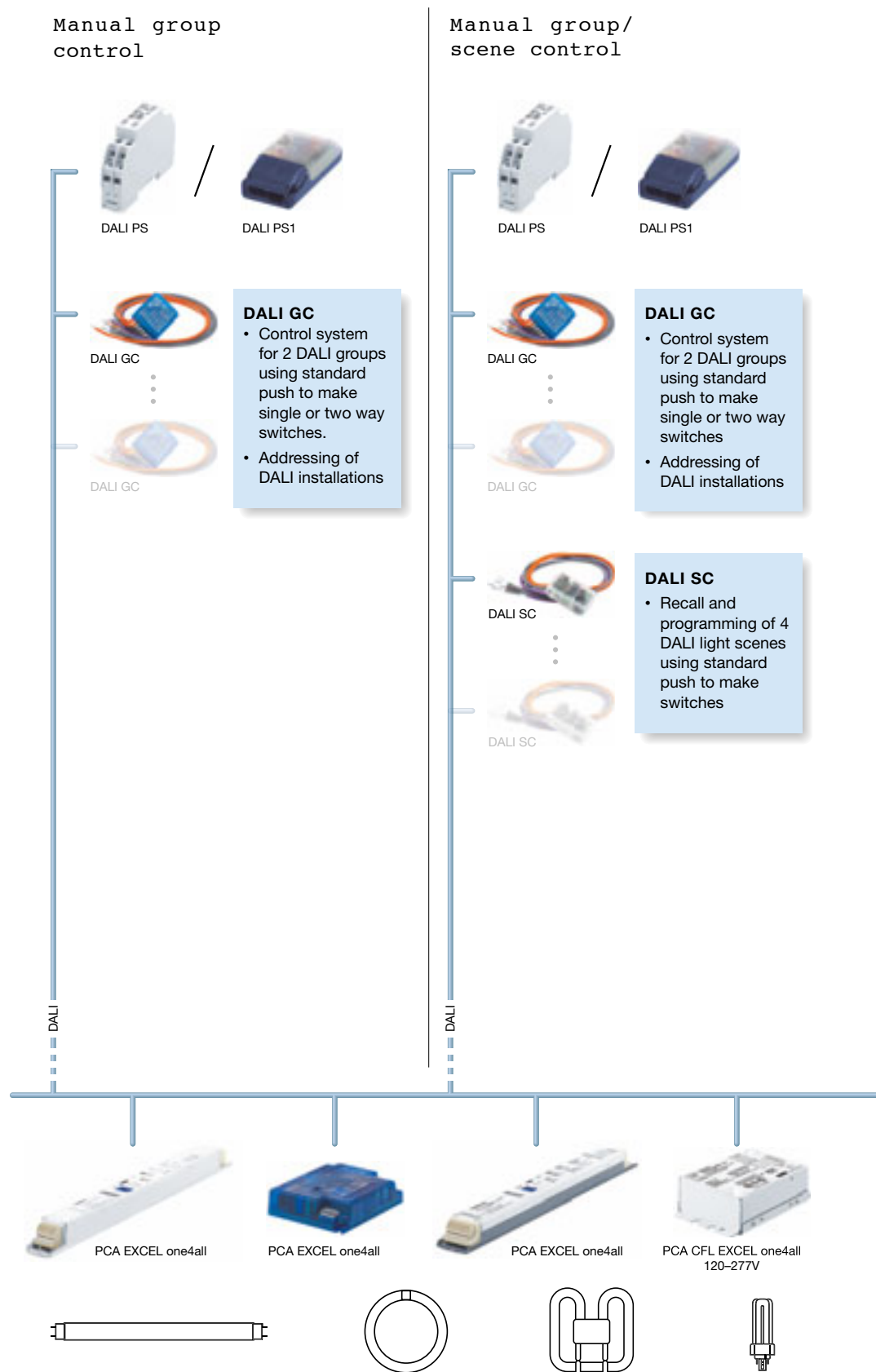


Dali Digital Dimming The total control solution

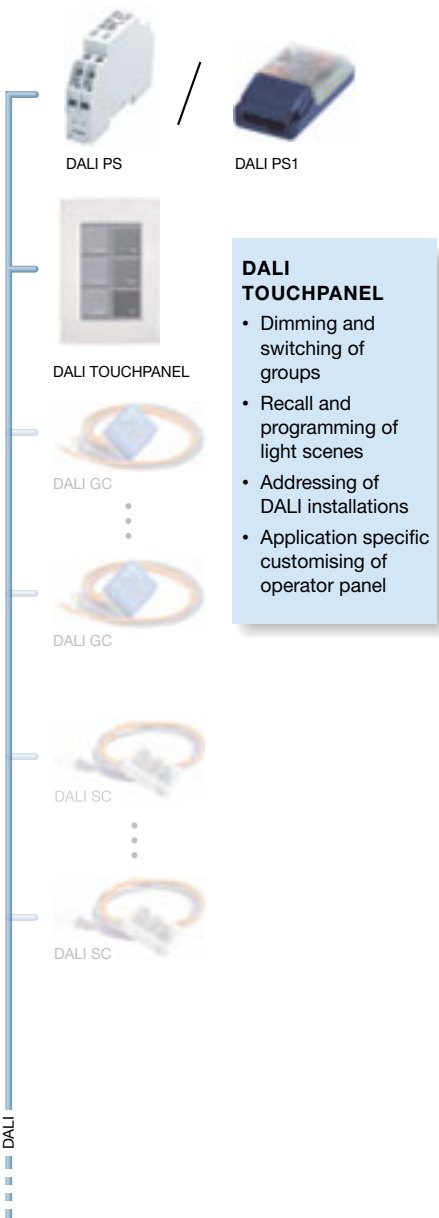
The complete regulating system designed to be flexible and easy to control. Scenes, groups and individual fittings can be controlled from either sensors, switches, PC/laptop or a combination of the above.

Commissioning can be undertaken by our staff. Price on application.

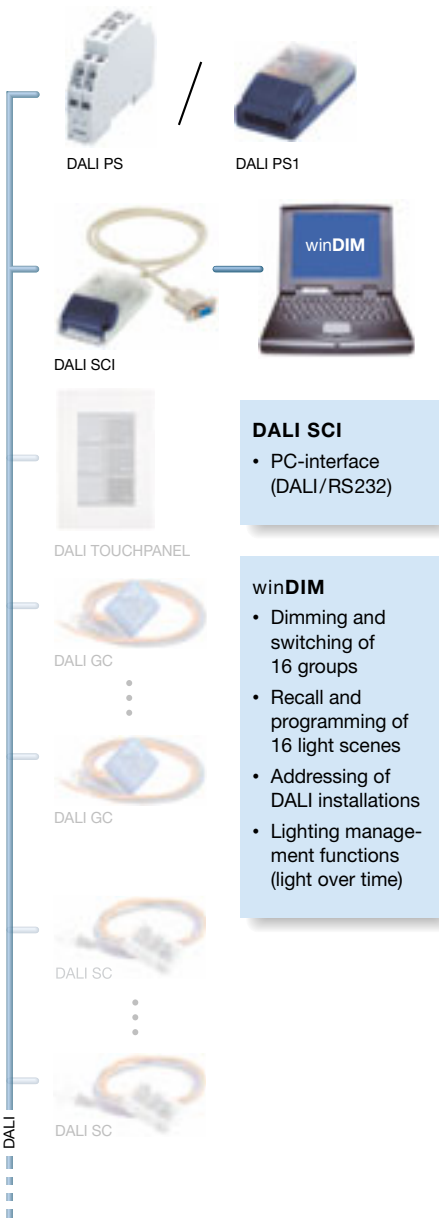
For further details please contact our Technical Services



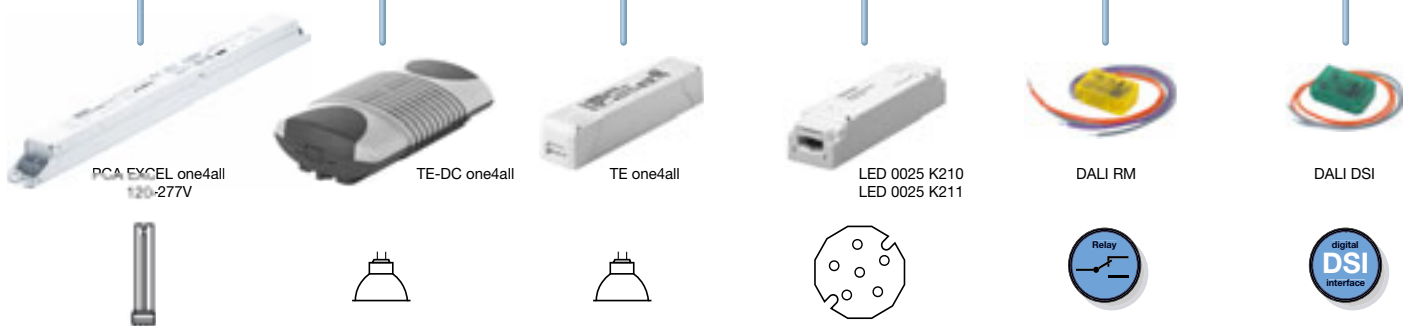
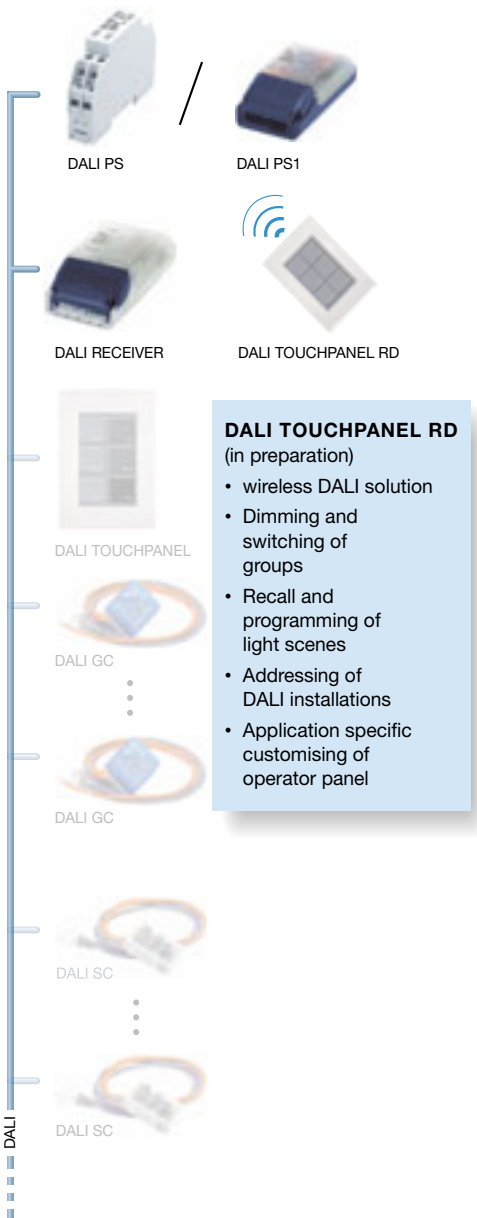
Manual group/scene control



User friendly, PC based operation



User friendly, dimming and scene



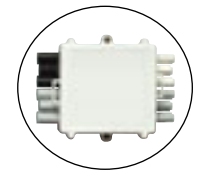
Primary Modular Wiring System The flexible solution

Basic modular wiring system that cuts installation time and therefore costs. Optional connector is installed on luminaires to enable a quick safe plug-in application. All recessed modules can take this terminal. Sensors can be added to the circuit (see below). A 6 wire LSF cable is used to facilitate emergency luminaires.

- Benefits:**
- Reduced installation time
 - Existing sites can have additional luminaires, including emergencies, added without hard wiring
 - Pre-tested at factory to avoid any incorrect wiring / polarity issues



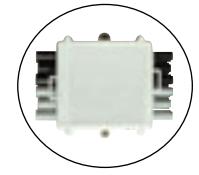
Initial connector (mains connection)



Luminaire connector

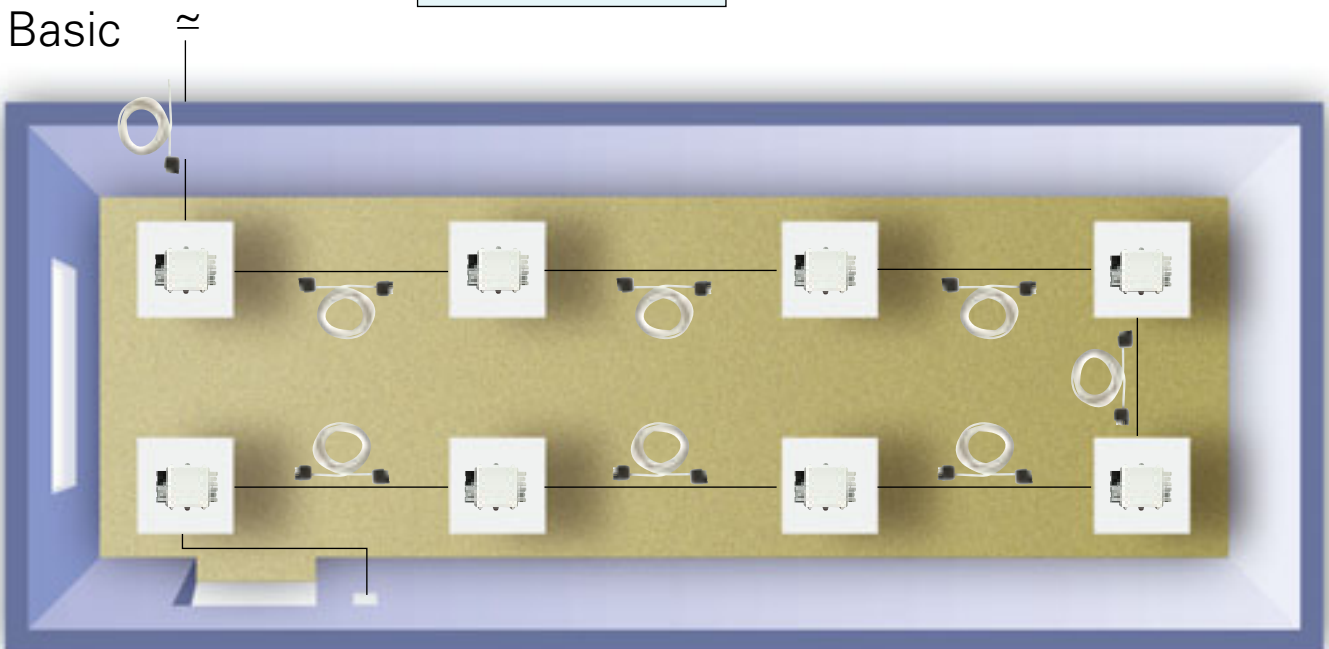


2m, 3m and 5m connector leads

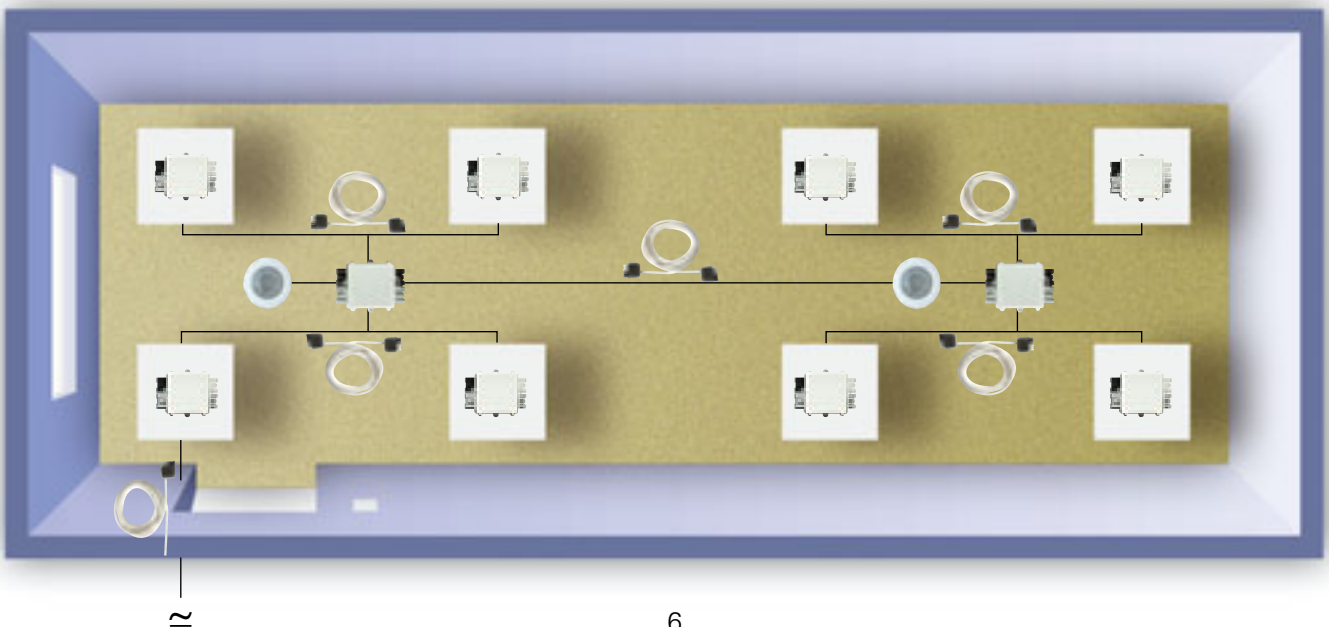


Sensor hub

Basic



Sensor and control

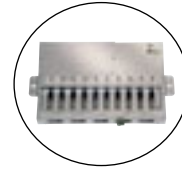


Comprehensive Modular Wiring System

Designed to provide optimum lighting conditions and maximum flexibility for office lighting projects of any size. Easy and safe installation helps make savings not only on installation but in any future electricity costs. Conforms to the Building Regulations Part L (Conservation of fuel and power) taking advantage of daylight dimming/switching off in unoccupied area when it is safe to do so. The unique building zone facility ensures that thoroughfares remain safely lit whenever the building is occupied.

Benefits:

- Easy installation
- Energy saving to conform to Building Regulations Part L
- User friendly + easy to expand



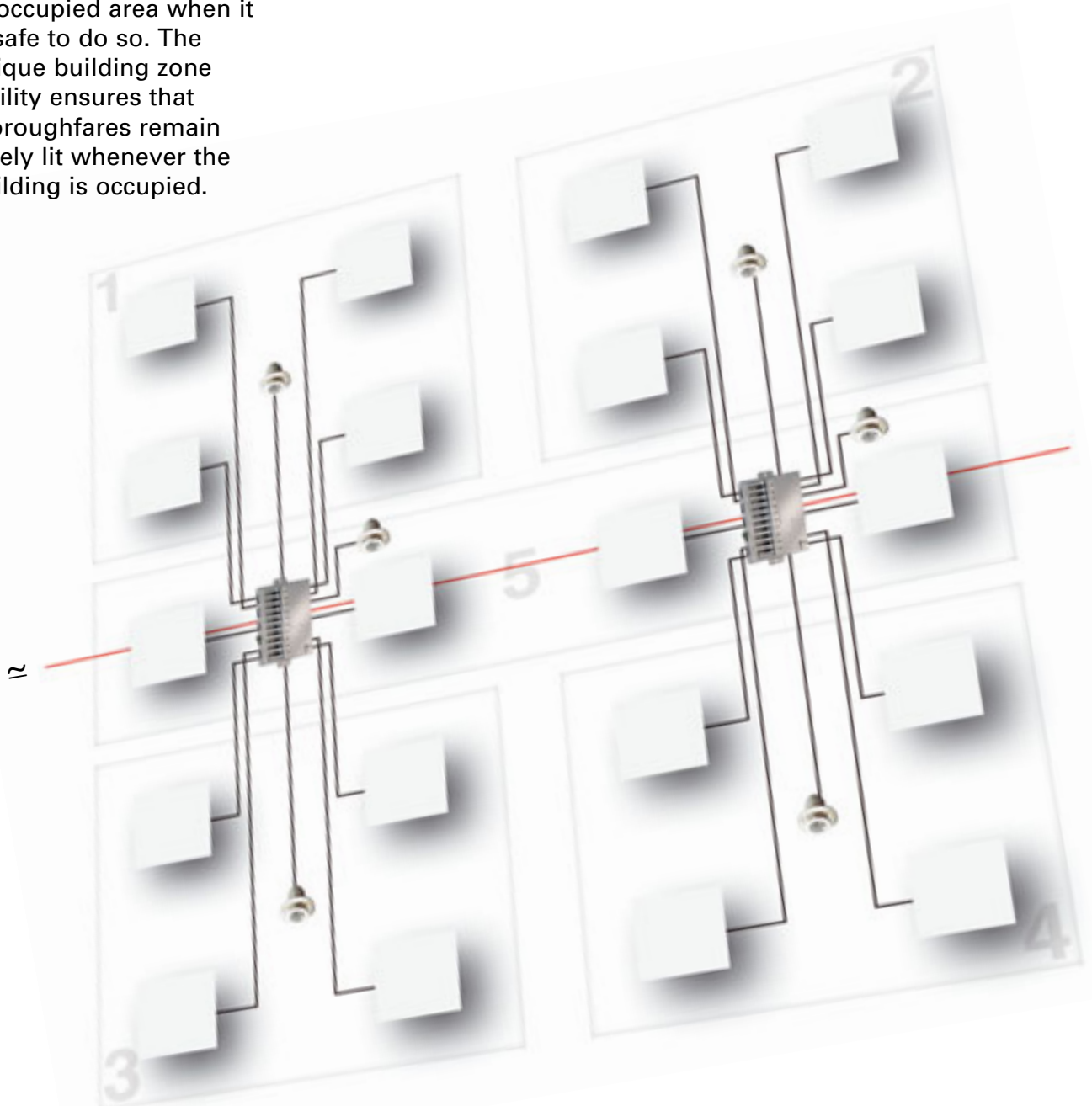
Connect digital box














Bus patch leads



Bus power supply



	Description	Part No
	Push to Make Switch	FLC-WS
	Standard PIR / Daylight Sensor	FLC-1200
	Corridor PIR / Daylight Sensor	FLC1500
	Infrared Handset	FLC-HC-5
	Programmer	FLC-PROG
	3M Luminaire Connector lead - 4 way	FLC-C43
	3M Luminaire Connector lead - 6 way	FLC-C63
	5M Luminaire Connector lead - 4 way	FLC-C45
	5M Luminaire Connector lead - 6 way	FLC-C65
	Distribution Hub - 4 way	FLC-H4
	Distribution Hub - 6 way	FLC-H6
	Primary Connector - 4 way	FLC-PC4
	Primary Connector - 6 way	FLC-PC6
	Connect Digital Box	FLC-CDBX
	Bus Power Supply	FLC-BUS
	Bus Patch Leads 2m	FLC-PL2
	Bus Patch Leads 3m	FLC-PL3
	Bus Patch Leads 5m	FLC-PL5
	Bus Patch Leads 10m	FLC-PL10

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