

command classroom pack

Controls: Modular installation pack for classroom



Command Classroom Pack contains items required to install lighting in a classroom. The pack contains a sensor unit, a multi socket distribution module and plug in interconnecting leads. The pack enables quick and easy installation of lighting by unskilled staff. Together with Cascade TSI with optional T connectors this represents an excellent way of installing lighting in classrooms.

SPECIFICATION

Sensor Unit

- A wide angle sensor means a typical classroom can be covered using one sensor. Two conventional sensors are usually required. At a 2.7m mounting height, the approximate range is 10m diameter and approximate coverage is 78.5m²
- Daylight sensing plus presence/absence detecting sensor with relay out and DSI dimming signals
- Socketed leads already fitted
- Pre-programmed room illuminance reference level
- Programmable on site for individual classrooms
- Connect one push to make rocker switch to control output of all connected luminaires.

Note: wall switch not supplied

Distribution Module

- Inputs for wall switch and sensor
- Requires connection to permanent mains supply
- 265 x 250 x 57 high with bend-out tabs for permanent fixing if desired
- Weight 1.4kg

Interconnecting Leads

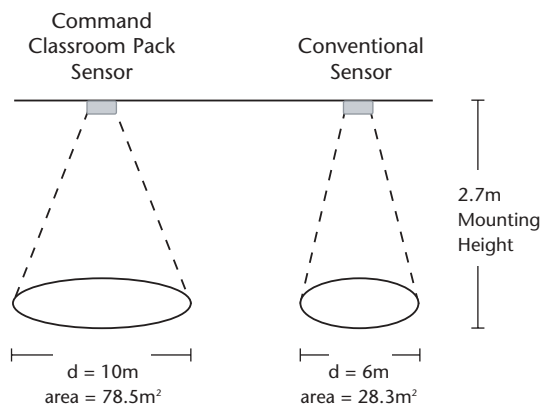
- Interconnecting leads with plug & socket fitted
- Leads utilise GST18/6 connectors

Note: wall switch not supplied

Options

- Options for multiple luminaire installation
- An additional three luminaires may be installed using a 3 lead extension pack

SENSOR COVERAGE



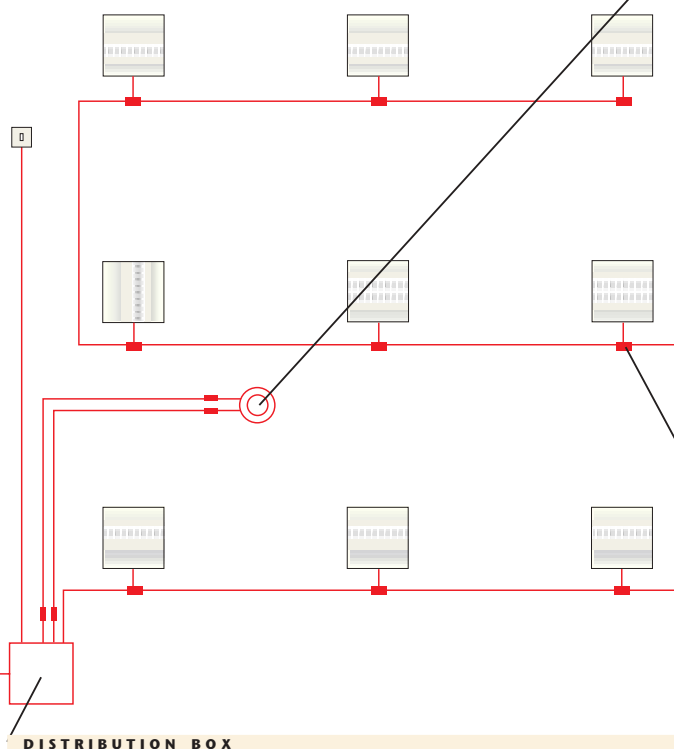
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PLUG AND PLAY SOLUTION

Because the need for lighting controls in the classroom is so clearly defined, Whitecroft has developed a standard package of controls which can meet all of the demands of the classroom environment. This system can offer 60-70% savings on energy consumption over its installed life. As program compression is always an issue on site, this package has been designed to speed up the installation process and only requires a single mains connection to power all luminaires and controls.



MICROWAVE DETECTOR

The key component in the controls package, this detector has a 78m² coverage (most passive infra red detectors only cover 28m² so 2 are required in any classroom). This is a combined light sensor and presence/ absence detector and can control not only the switching of all luminaires but also the dimming of those near windows when daylight levels are sufficient.



T CONNECTORS

Luminaires are supplied with pre-wired T connectors that simply plug directly into the connection box.



DISTRIBUTION BOX



A pre-wired distribution box which handles the distribution of power and dimming to all luminaires in the classroom from both automatic and manual controls. This is the only component requiring mains connection to a permanent supply.

ORDER CODES – COMMAND CLASSROOM PACK

MODULAR INSTALLATION PACK FOR CLASSROOM

TYPE

Pack suitable for 6 luminaires	CCP6
Pack suitable for 9 luminaires	CCP9
Pack suitable for 12 luminaires	CCP12
Pack suitable for 15 luminaires	CCP15

LEAD EXTENSION PACK

3 x 4m long GST18/6 male to female interconnecting lead for luminaires	CCP3L4M
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To specify state:

Installation pack containing items necessary to install 6, 9, 12 or 15 luminaires in a classroom. Includes daylight sensing plus presence/absence detecting sensor, distribution module and interconnecting leads in a single box - as per Whitecroft COMMAND CLASSROOM PACK

Whitecroft
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