

Command 3

MOTIVATION

Command 3 has been developed to allow new or refurbishment lighting installations to be fully compliant with Part L of the Building Regulations. These regulations require lighting controls to be fitted to all new or refurbished non-domestic buildings in excess of 100m².

Command 3 can now be used with control gear that dims to a 3% minimum level. In addition a full range of HF ballasts are available for T5, T8 and TC-L linear and compact fluorescent lamps.

APPLICATION

- Headquarters buildings
- Prestige offices
- Large industrial buildings
- Shopping malls
- Public buildings

FEATURES

- Quadrant eye incorporates a passive infra red presence detection. Enhanced to improve sensitivity to small movements 
- Quadrant eye incorporates a regulating photocell to maintain light level, encompassing the contribution from adjacent luminaires 
- Hand held controller provides temporary local user override 
- Programming hand held controller provides permanent change for setting parameters 



Hand held controller COMHHC3



Programming hand held controller COMPTC3





COST SAVINGS

Electricity

Command's presence detector switches out lights when people forget, saving up to 40% in energy costs.

BENEFITS

Invisible operation

Command 3 is automatically activated when a person enters a space, but the real beauty of Command 3

Maintained lighting levels

Command 3 automatically maintains the desired light level, as well as taking account of daylight. It also compensates for the age of the luminaire and lamps, avoiding the need for overlighting early in an installation's life.

Ease of installation

Command 3 could not be easier to install, set and operate. Most Whitecroft luminaires can be factory fitted

Independence

The key to Command 3 is the optional hand held controller. Press 'off and dim' or 'on and brighten' to set precise levels of lighting.

Programmable

The optional programming hand held controller allows specific parameters to be changed on individual luminaires or groups of luminaires – see specification table below for details.



SPECIFICATION

PARAMETER	OPTIONS	FACTORY-PRESET
POWER-UP	On/off	On
START-UP	Max/min	Max
OPERATION	Absence/Presence	Absence
OFF DELAY	5 to 35 minutes	20 minutes
MINIMUM ON TIME	Yes/no	No
LIGHT LEVEL	1% to 100%	100%
FADE TO OFF	Yes/no	No
STRAIGHT OFF	Yes/no	No
WHEN VACANT	Low/off/regulated	<25%** Off

*** Corridor safety feature – if programmed to remain at the minimum level or to regulate below 25%, there is an option to switch off after 3 hours*

Absence:– Command 3 will only detect when people are in a room or leave (switch off). The luminaires have to be switched on manually.

Presence:–Command 3 will detect people leaving and entering a room.

Command's light sensor reduces the luminaire output when daylight is available. This can save a further 30% in energy costs and extend lamp life.

Installation

Because Command eliminates the need for switch wiring, substantial savings in labour and materials can be made particularly when using Command in refurbishment projects or existing installations.

Maintenance

The nature of maintained light levels means that no unnecessary energy is expended overlighting areas. This, in turn, extends lamp life, with the result that less office maintenance time is required to change lamps enabling further cost savings.

is that when the space is vacated, rather than just switching off the lights it gradually lowers the lighting level so that there are no sudden changes in illumination.

Individual Control

Although Command 3 offers all the benefits of fully automated lighting control, it also includes individual choice encouraging people to take complete control over their own lighting.

Corridors and safety

A new feature to Command 3 allows the lighting to dim to <25% for 3 hours before finally switching to off. This provides people working late with safety lighting for their exit.

with the Command 3. Which will be preset in manufacture. Look for the  to show compatibility. The quadrant shaped 'eye' is integrated into the louvre.

Flexibility

Since there are no switch wires, any change in the way the office is planned is automatically matched by Command 3 without re-wiring.

Command 3

ORDER CODES

INTELLIGENT INTEGRATED LIGHTING CONTROL SYSTEM

Add the following suffix to the relevant product code

/COM3  Intelligent eye

HAND HELD CONTROLLER Order separately

COMHHC3 Hand held controller

COMPTC3 Programming hand held controller