



command elite



COMDRA 272



COMDRG 272



CFLDALI HUB 276



COMD2CR 278



COMPLB 284



COMPLCY 285



COMPLSP4 289



CPDMGAMMA 290



COMRA 296



COMRB 297



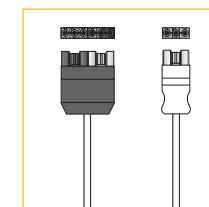
COMRJ 302



CPDMTHETA 303



Accessories 309



Command Fast Link 310

controls



COMDRD 273



COMDRE 273



COMD1 274



COMDPSU 275



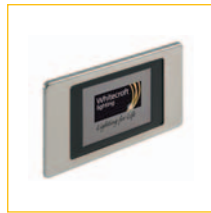
COMDPSIU 275



COMDS 280



COMDSSC 280



COMDT 281



COMRGY 286



COMPL4 287



COMRCYDO 288



COMPLY 288



COMPLSP10 289



COMPLBC 291



COMPLBCLT 292



COMPLUBT 292



CPDMIHW4/8 293



COMPLINT 293



COMRCY 298



COMRGY 299



COMRD 300



COMRE 301



COMRF 302



OPDM 304



CFLHUB 305



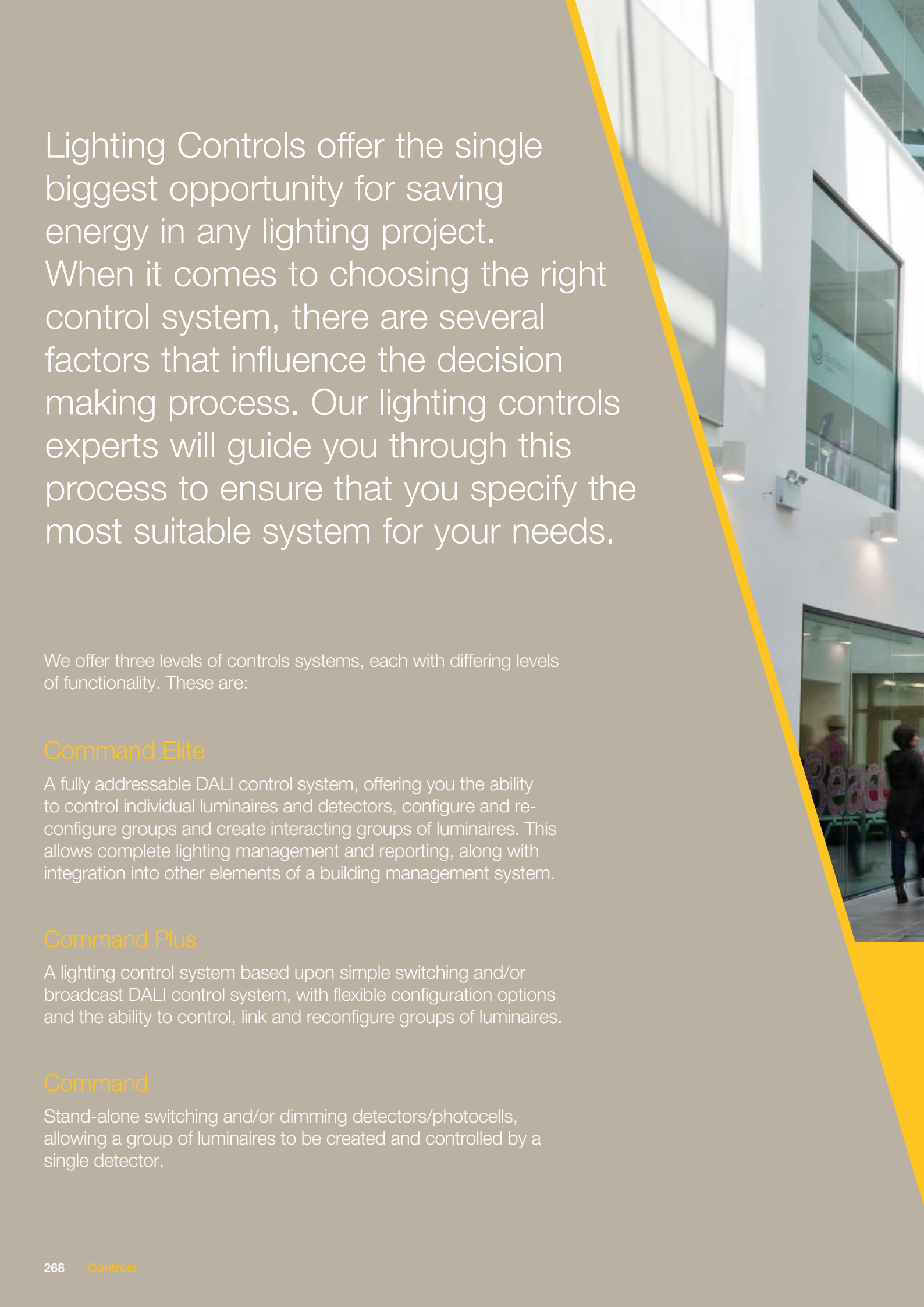
OPDMGAMMA 306



COM3 / COM4 307



COM5 / COM6 308



Lighting Controls offer the single biggest opportunity for saving energy in any lighting project. When it comes to choosing the right control system, there are several factors that influence the decision making process. Our lighting controls experts will guide you through this process to ensure that you specify the most suitable system for your needs.

We offer three levels of controls systems, each with differing levels of functionality. These are:

Command Elite

A fully addressable DALI control system, offering you the ability to control individual luminaires and detectors, configure and re-configure groups and create interacting groups of luminaires. This allows complete lighting management and reporting, along with integration into other elements of a building management system.

Command Plus

A lighting control system based upon simple switching and/or broadcast DALI control system, with flexible configuration options and the ability to control, link and reconfigure groups of luminaires.

Command

Stand-alone switching and/or dimming detectors/photocells, allowing a group of luminaires to be created and controlled by a single detector.



Feature Comparison

	Emergency test & report*	Fully addressable	Programmable corridor linking	Group / Zoning	Scene Setting	Presence / Absence	Photocell regulating controls
Command Elite	✓	✓	✓	✓	✓	✓	✓
Command Plus			✓	✓	✓	✓	✓
Command					✓	✓	✓

* For alternative emergency lighting solutions see emergency section page 228

command elite

A fully addressable DALI control system, offering you the ability to control individual luminaires and detectors, configure and re-configure groups and create interacting groups of luminaires. This allows complete lighting management and reporting, along with integration into other elements of a building management system.

detector selection chart

Detector	Catalogue page number	Mounting type	Detector type	Detector range	Maximum recommended ceiling height	Control method	Detection method	Occupancy type	Off delay x minutes	Daylight hold off	Daylight regulating	Programmable
DALI Addressable PIR Detector COMDRA	272	Recessed/ Surface	360°	Ø 7m @ 2.8m	3m	DALI Addressable	PIR	Presence / Absence	5 - 35 mins	No	No	Yes
DALI Addressable Microwave Detector COMDRG	272	Recessed/ Surface	360°	Ø 16m @ 2.8m	3m	DALI Addressable	Microwave	Presence / Absence	5 - 35 mins	No	No	Yes
DALI Addressable PIR Detector COMDRD	273	Recessed	360°	Ø 4.5m @ 2.5m	3m	DALI Addressable	PIR	Presence / Absence	5 - 35 mins	Yes	Yes	Yes
DALI Addressable Directional Microwave Detector COMDRE	273	Recessed/ Surface	Directional	22m x 6m @ 2.8m	3m	DALI Addressable	Microwave	Presence / Absence	5 - 35 mins	No	No	Yes
Integral DALI Addressable PIR Detector COMD1	274	Integrated	360°	Ø 4.5m @ 2.5m	3m	DALI Addressable	PIR	Presence / Absence	5 - 35 mins	Yes	Yes	Yes

command elite COMDRA

DALI addressable PIR detector

A compact ceiling unit that utilises a passive infra-red detector.

- Designed with springs to push fit into a ceiling
- Presence detection
- DALI consumption 15mA
- Status LEDs
- Programmable light on when occupied and off when empty
- Programmable time out period for when room is vacated



Order Codes

DALI Addressable PIR Detector

Recessed

Surface Mounting Box*

*Sold separately to COMDRA unit

COMDRA
COMSM1

Optional Command Fast Link connector

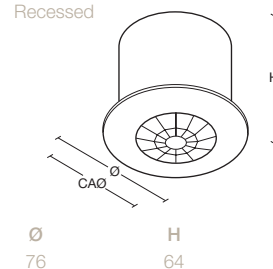
CFL 3 POLE

Add suffix /CFL3P

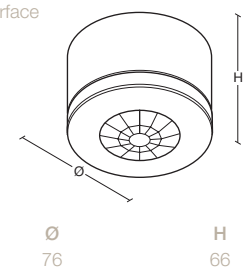
i.e. COMDRA/CFL3P

Dimensions

Recessed



Surface



command elite COMDRG

DALI addressable microwave detector

A compact recessed low profile microwave detector that emits low power microwave signals to detect movement.

- Designed with springs to push fit into a ceiling
- Movement detection with sensitive microwave sensor
- DALI consumption 20mA
- Status LEDs
- Programmable time-out period for when room is vacated



Order Codes

DALI Addressable Microwave Detector

Recessed

Surface Mounting Box*

*Sold separately to COMDRG unit

COMDRG
COMSM1

Optional Command Fast Link connector

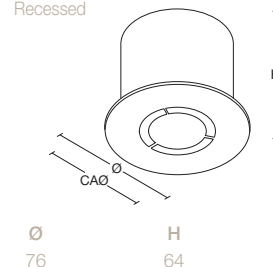
CFL 3 POLE

Add suffix /CFL3P

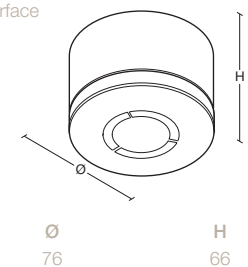
i.e. COMDRG/CFL3P

Dimensions

Recessed



Surface



command elite COMDRD

DALI addressable PIR detector/photocell

The Multisensor is a compact unit containing the necessary sensors to provide energy saving functions. It has constant light sensor, a passive infra-red detector (PIR) and an infra-red receiver for the Infrared Remote.

- Designed to push fit into a ceiling or luminaire housing
- Programmable constant light
- Presence detection
- Control using the hand held remote (COMDSSC)
- Switch-Control input
- DALI power consumption 15mA
- Programmable time out period for when room is vacated



Order Codes

DALI Addressable PIR/Photocell detector
Recessed Mounting

COMDRD

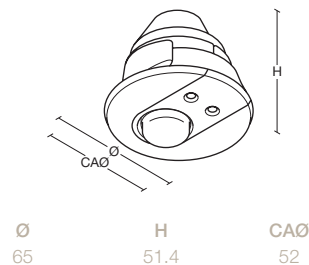
Optional Command Fast Link connector

CFL 3 POLE

Add suffix **/CFL3P**

i.e. COMDRD/CFL3P

Dimensions



command elite COMDRE

DALI addressable tilting microwave detector

A compact recessed tilting microwave detector that emits low power microwave signals to detect movement. An adjustable sensor head allows the area of detection to be optimised for specific purposes.

- Designed with springs to push fit into a ceiling
- Movement detection with sensitive microwave sensor
- DALI consumption 40mA
- Status LEDs
- Programmable time out period for when room is vacated



Order Codes

DALI Addressable Tilting Microwave Detector

Recessed

COMDRE

Surface Mounting Box*

COMSM2

*Sold separately to COMDRE

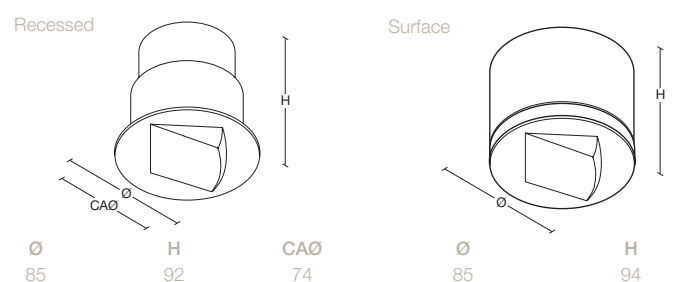
Optional Command Fast Link connector

CFL 3 POLE

Add suffix **/CFL3P**

i.e. COMDRE/CFL3P

Dimensions



COMD1

DALI addressable luminaire integrated detector

A compact luminaire based addressable sensor that utilises a passive infra-red detector (PIR), a photocell and an infra-red receiver for use with the infra-red handset (supplied separately).

- Integrated detector
- Regulating photocell ensures minimum maintained light level taking into account the contribution from adjacent luminaires and daylight
- Presence detection
- Control using hand held remote (COMDSSC)
- DALI consumption 10mA
- Mode selector with LED feedback
- Clip on fascias

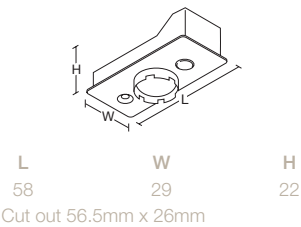


Order Codes

COMD1 DALI Addressable PIR Luminaire Integrated Detector

Product is supplied within a luminaire and not individually. To specify this product within a luminaire please consult our Technical Desk.

Dimensions



command elite COMDPSU

DALI power supply

Fully DALI compatible Power Supply Unit, designed to provide the required supply of up to 250 mA, up to 63 devices. Unit is DIN-rail mounted.

- Status LED
- DALI short circuit and over temperature protected

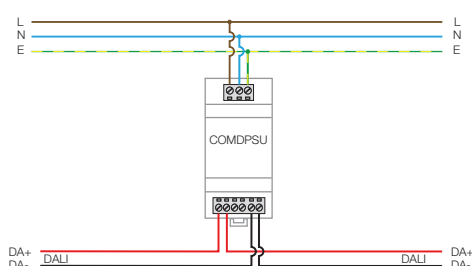
Order Codes

DALI Power Supply
DALI Power Supply

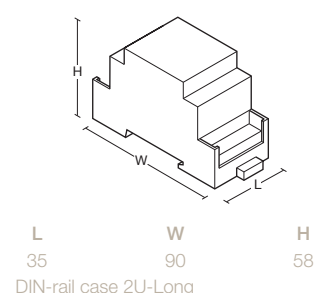
COMDPSU



Connections



Dimensions



command elite COMDSIU

DALI switch input unit

Switch Input Unit is designed to allow customer specified switches, sensors, time clocks or other on/off control devices to be incorporated into a Whitecroft DALI lighting control system. The Switch input Unit is suitable for inclusion into all standard size back boxes together with a suitable mains rated switch.

- Touch dimming with a momentary push switch
- Can be used with momentary or latching switches
- DALI power consumption 10mA

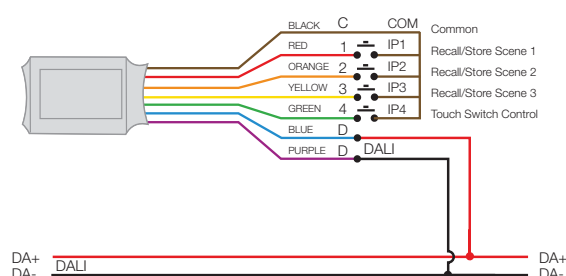


Order Codes

DALI Switch Input Unit
DALI Switch Input Unit

COMDSIU

Connections



The DALI addressable hub can be used in isolation to provide simple control to a localised application such as a classroom or office area. It has the added flexibility of being able to control multiple rooms up to the maximum addresses as detailed below.

- Low profile housing, perimeter mounted connector for mounting in limited void space
- Integrated mounting detail for surface, rod or trunking fixing
- Output connections
 - 4 x 6 pole lighting outputs rated at 6A (16A total maximum load)
- Injection moulded flame retardant housing with mains entry cover and cable retainer
- Integrated DALI power supply

System Guidelines

- Up to 63 addresses per hub (each ballast, detector or switch constitutes 1 address)
- Maximum 300m cable run and 250mA power consumption (typical 2mA per ballast)
- Up to 6A load on each of 4 socket outlets (16A total maximum load)

Simple Wiring

- Enhanced connectivity with CFL wiring components
- Switches and detectors can also be connected with CFL cables

Software Configuration

- Post installation software interface can be used to define dimming zones for daylight harvesting or switching zones

Scene Setting

- Touch button panels can be programmed to control a variety of different scenes by individually addressing each luminaire within the space
- Simple corridor linkage can be programmed so the luminaires stay on at a defined level whilst adjoining areas are occupied
- Multiple lighting levels can be selected from the switch panel
- Switching in 'X' direction and daylight control in 'Y' direction is possible

Order Codes

DALI Hub

DALI Addressable Hub

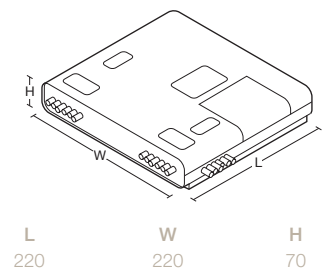
CFLDALIHUB

Command Fast Link

See pages 310 to 314 for a listing of the range of leads and detectors to complete a full Command Fast link plug and play installation. A design service is available, please contact the Whitecroft office for further details.



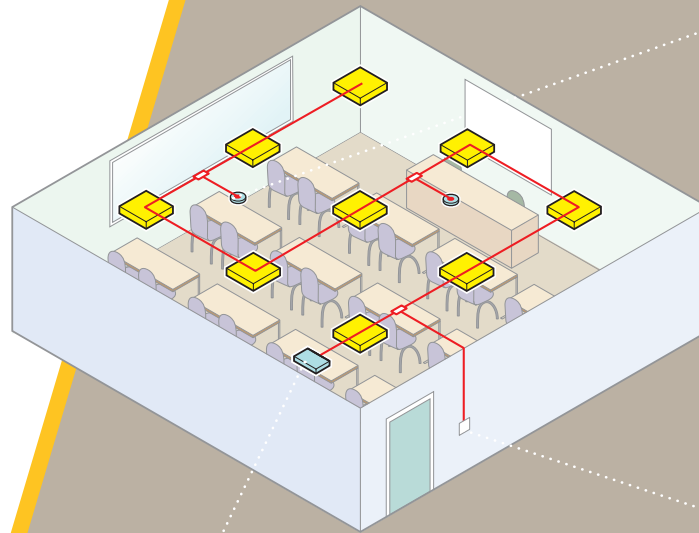
Dimensions



To Specify

DALI Hub with integrated power supply for connection of up to 63 luminaires via 4 separate GST18/6 outputs – as Whitecroft Lighting CFLDALIHUB

Typical single classroom configuration



COMDRD/CFL3P

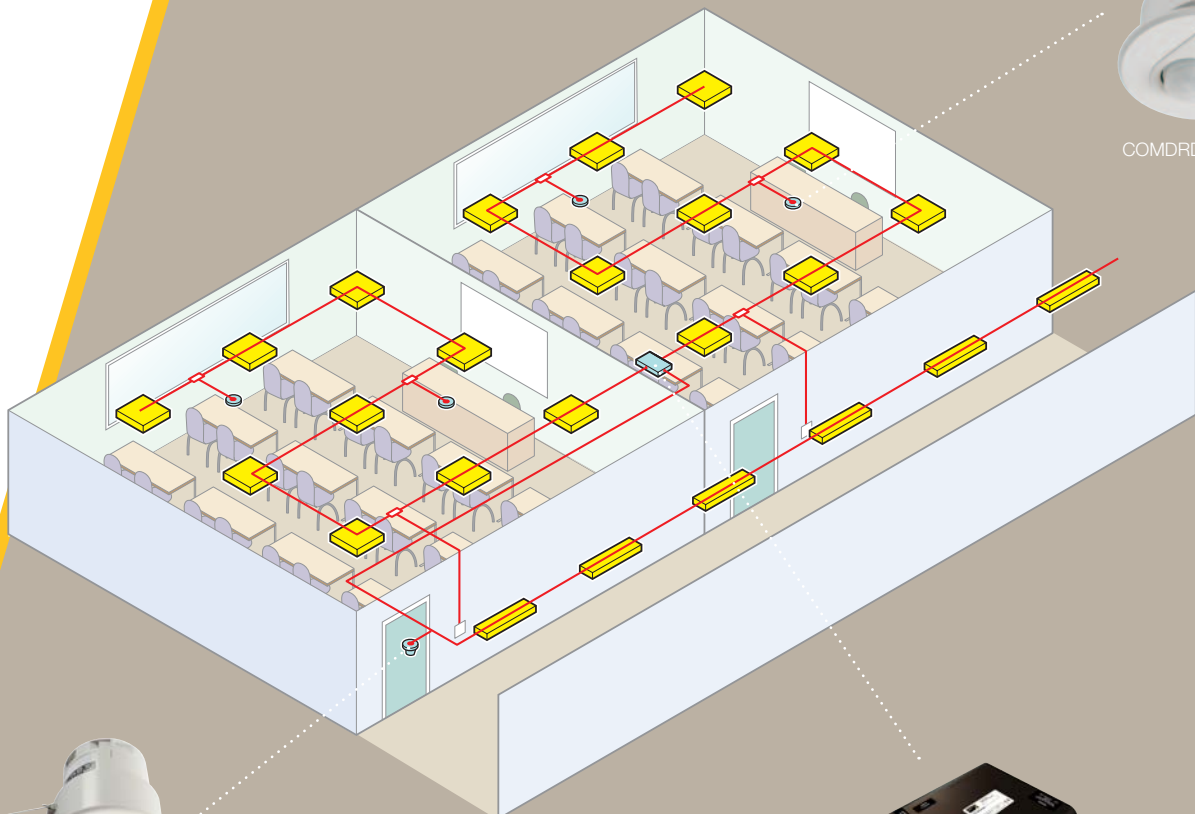


COMDS2W



CFLDALIHUB

Typical multi classroom configuration



COMDRD/CFL3P



COMDRE/CFL3P



CFLDALIHUB

To further expand the flexibility of a DALI lighting control system, a 2 channel router is available. This gives the opportunity to address up to 128 devices up to 500mA maximum from one router and is scalable to meet the needs of the largest installation as multiple routers can be networked.

128 Addresses

- The DALI Router can address up to 64 devices or up to 250mA maximum on each of 2 channels, giving a wider range than an individual hub

Scalable

- DALI Routers can be linked together by Ethernet cable
- There is no limit to the number of routers used in a single installation, making the system infinitely scalable
- Each router can be assigned an IP address and can be linked into an existing ethernet network

Building –wide Flexibility

- Each room can be configured independently for the requirements of the space, from simple PIR functionality for storage areas to complex scene-setting for meeting areas.
- Daylight harvesting can reduce energy consumption in open plan or cellular office environments
- Programming can be from a single point with PC-based software configuration. This can even be achieved remotely

Order Codes

DALI Router

DALI Router

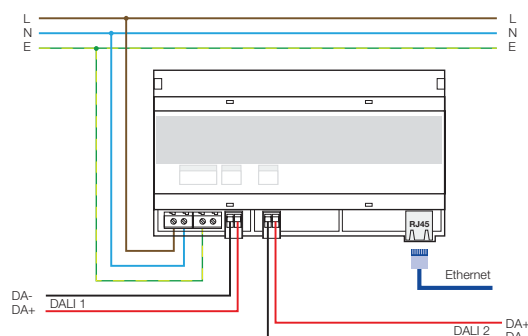
COMD2CR

Interface

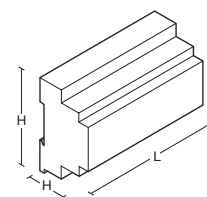
To enable complete control of your Command Elite lighting control system, Whitecroft have developed an on-line electronic interface allowing complete control and reporting from a remote location. This secure system allows you to interrogate and report on individual or groups of luminaires, or indeed any DALI component. Live energy monitoring enables the user to compare instant energy usage with recorded trends, ensuring the most efficient lighting set-up is maintained. Emergency testing can be scheduled and reported automatically, ensuring uninterrupted building use when using DALI emergency luminaires.



Connections



Dimensions



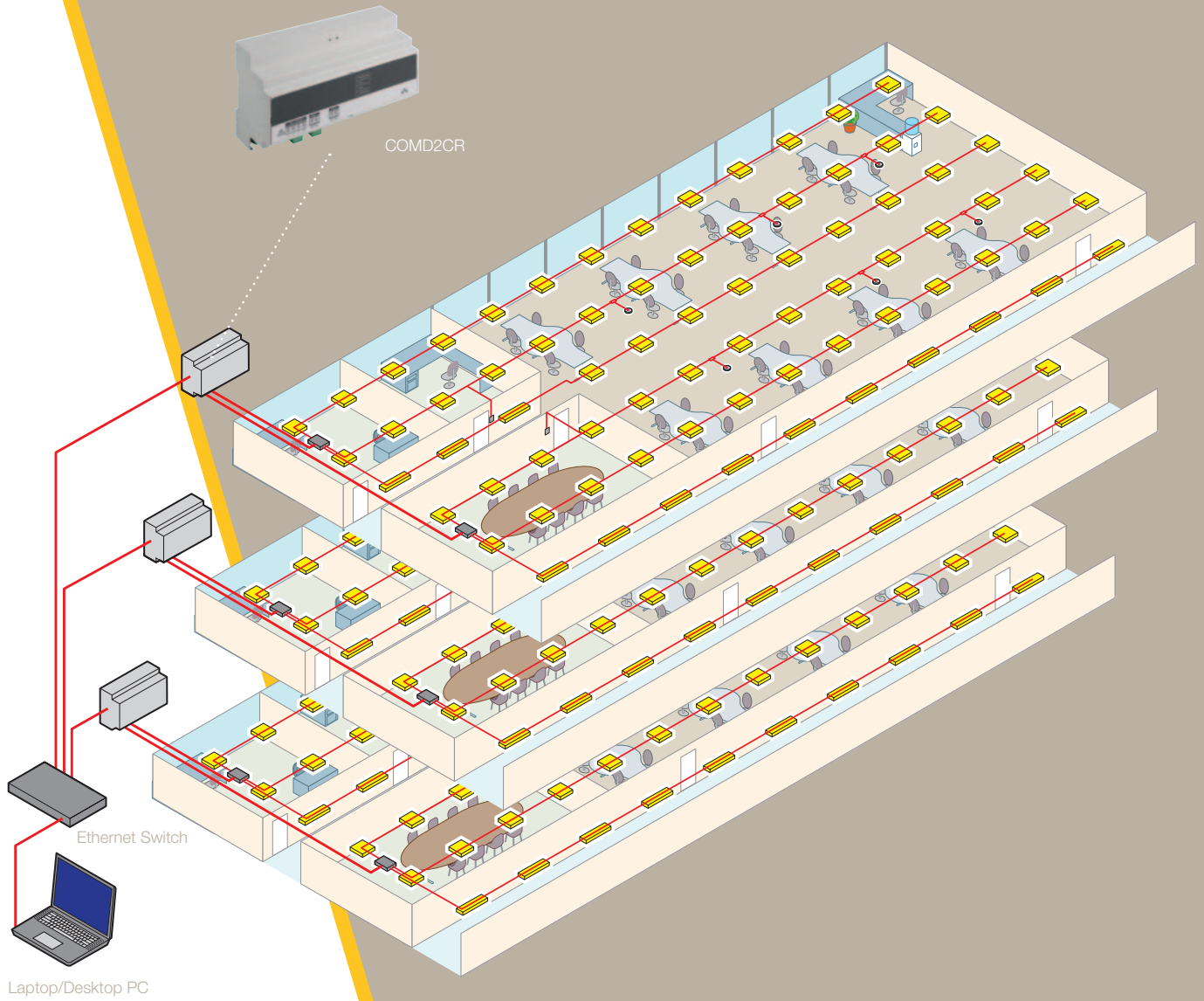
L	W	H
158	58	90

DIN-rail case 9U-long

To Specify

DALI Router with 2 off 250mA channels. Din rail mounting and ethernet port for networking – as Whitecroft Lighting COMD2CR

Typical multi floor and room configuration



Modular switch panels are a fully DALI compatible range of user interfaces that allow basic adjustments to the system as well as scene setting.

- Indicator LED and an infrared receiver
- Out of box operation
- Designed to fit both DIN and UK standard back boxes
- DALI power consumption 10mA

Order Codes

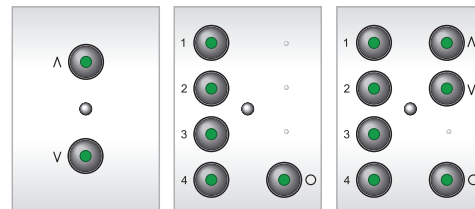
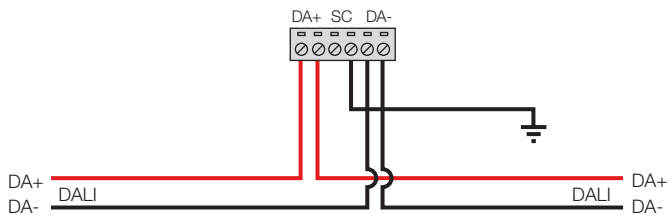
Modular Switch Panels

2 Button – On/Off, Raise/Lower – White	COMDS2W
5 Button – On/Off, 4 Scenes – White	COMDS5W
7 Button – On/Off, Raise/Lower, 4 Scenes – White	COMDS7W
2 Button – On/Off, Raise/Lower – Brushed Stainless Steel	COMDS2S
5 Button – On/Off, 4 Scenes – Brushed Stainless Steel	COMDS5S
7 Button – On/Off, Raise/Lower, 4 Scenes – Brushed Stainless Steel	COMDS7S



COMDS2W White/Brushed Stainless Steel

Connections



Standard Modules

The Infrared remote is a handheld unit that can be used to control basic system functions such as on/off, raising and lowering the general light level and the selection of four scenes.

- On/Off button
- Raise/Lower buttons
- Four scene recall buttons

Order Codes

Handheld Controller

DALI handheld Controller	COMDSSC
--------------------------	---------



The TouchPanel is a 3.5" touch sensitive 65,000 colour LCD screen that can be used for controlling a Command Elite control system.

- Built-in astronomic real time clock
- Automatic scene changing (Sequences and cycles)
- Integral infrared receiver
- Customisable graphics and user language selection
- Requires double gang UK back box

Order Codes

LCD Touch Screen

LCD Touch Screen – White

COMDTW

LCD Touch Screen – Brushed Stainless Steel

COMDTS

Options

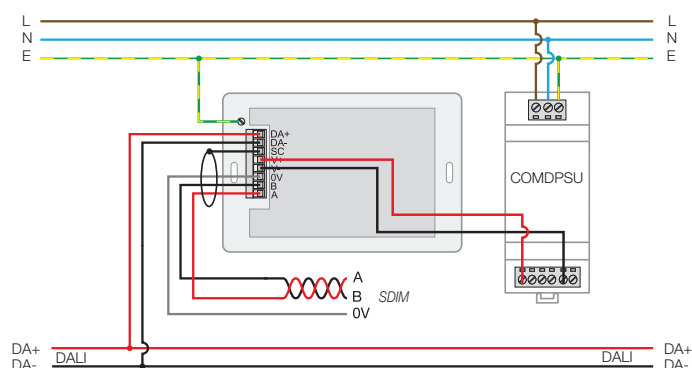
DALI Power Supply

COMDPSU

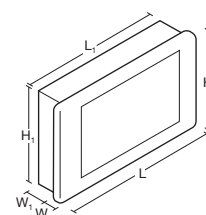
Note – The touch screen needs its own dedicated power supply unit.
Please add COMDPSU for each unit.



Connections



Dimensions



L	W	H	L ₁	W ₁	H ₁
146	6	88	113	29	64

*Requires Double Gang UK back box
(provided in the package)

command plus

A lighting control system based upon simple switching and/or broadcast DALI control system, with flexible configuration options and the ability to control, link and reconfigure groups of luminaires.

detector selection chart

Detector	Catalogue page number	Mounting type	Detector type	Detector range	Maximum recommended ceiling height	Control method	Detection method	Occupancy type	Off delay x minutes	Daylight hold off	Daylight regulating	Programmable	Maximum load
PIR Detector COMPLB	284	Recessed/ Surface	360°	Ø 6m @ 2.5m	3m	switch live	PIR	Presence	5 - 35 mins	Yes	No	Yes	6 amps
Programmable PIR Detector COMPLCY	285	Recessed/ Surface	360°	Ø 6m @ 2.5m	3m	DALI	PIR	Presence / Absence	5 - 35 mins	Yes	Yes	Yes	9 ballasts
Programmable PIR High Bay Detector COMPLCYHB	285	Recessed/ Surface	360°	Ø 16m @ 16m	16m	DALI	PIR	Presence / Absence	5 - 35 mins	Yes	Yes	Yes	9 ballasts
Programmable Microwave Detector COMRGY	286	Recessed/ Surface	360°	Ø 10m @ 2.5m	3m	switch live/ DALI	Microwave	Presence / Absence	5 - 35 mins	Yes	Yes	Yes	6 amps / 25 ballasts
Integrated PIR Detector COMPL4	287	Integrated	360°	Ø 6m @ 2.5m	3m	switch live/ DALI	PIR	Presence / Absence	5 - 35 mins	Yes	Yes	Yes	2 amps or 2 DALI ballasts
programmable PIR Detector / photocell COMRCYDO	288	Recessed/ Surface	360°	Ø 6m @ 2.5m	3m	switch live/ DALI	PIR	Presence / Absence	5 - 35 mins	Yes	Yes	Yes	6 amps / 9 ballasts
Programmable Directional Microwave Detector COMPLEY	288	Surface or Semi Recessed	Directional	20m x 20m rooms and up to 25m corridors	3.5m	switch live/ DALI	Microwave	Presence	5 - 35 mins	Yes	Yes	Yes	10 amps / 25 ballasts

Remote digital fixed output detector for controlling groups of luminaires. With integrated passive photocell and scene setting functionality.

- Recessed or surface mounted
- Switches up to 6A of lighting
- Maximum recommended mounting height 3M
- High frequency
- Maximum range of 6m Ø (based on 2.5m mounting height)
- Universal handheld controller purchased separately (COMSSC)
- Programmed with handheld programmer COMAP (supplied separately)

Order Codes

COMPLB

Command Plus PIR recessed detector

Command Plus PIR surface mounted detector

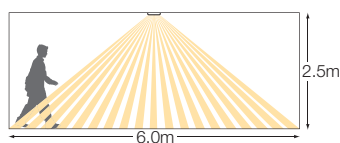
COMPLB

COMPLBSM



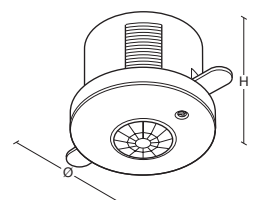
Surface Mounting

Detection Range



Dimensions

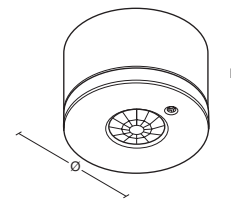
Recessed



Ø 100 H 62 CAØ 89*

* for metal pan or integration into luminaire cut aperture is 92mm

Surface



Ø 100 H 72

Accessories (See Page 309)



Advance Programmer COMAP



Handheld Controller COMHHC and COMSSC

- Programmable DALI broadcast PIR detector
- Recessed or surface mounted
- Standard height or high bay detectors
- For use with heights up to 3m with standard detectors or 16m for high bay
- Photocell
- Scene setting up to 6 scenes
- Universal handheld controller purchased separately (COMSSC)
- Programmed with handheld programmer COMAP (supplied separately)
- Controls up to 2 DALI ballasts (not for use with fixed output HF ballasts)

Order Codes

COMPLCY

Command Plus DALI PIR recessed detector

Command Plus DALI PIR surface mounted detector

Command Plus DALI PIR recessed high bay detector

Command Plus DALI PIR surface mount high bay detector

COMPLCY

COMPLCYSM

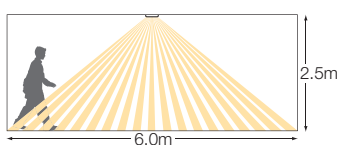
COMPLCYHB

COMPLCYHBSM

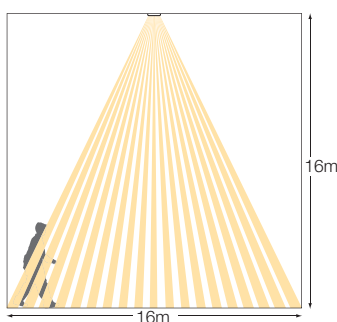


Surface Mounting

Detection Range



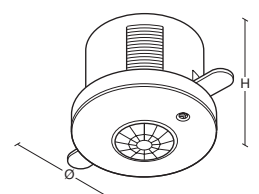
COMPLCY



COMPLCYHB

Dimensions

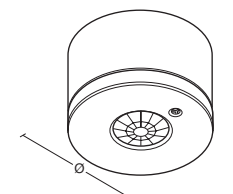
Recessed



Ø 100 H 62 CAØ 89*

* for metal pan or integration into luminaire cut aperture is 92mm

Surface



Ø 100 H 72

Accessories (See Page 309)



Advance Programmer COMAP



Handheld Controller COMHHC and COMSSC

- Uses active microwave presence detection technology
- Ceiling mounted 360° microwave detector
- Recessed or surface mounting
- Switches up to 6A of lighting
- Controls up to 25 DALI ballasts
- Sensitive to respond to very small movements
- Dual circuit control
 - switched output
 - separate DALI broadcast output for photocell control
- Wide angled lens detects movement up to 10m in diameter at 2.6m mounting height
- Measures daylight penetration and dims luminaires accordingly
- Maximum recommended mounting height 3m
- Wall switch override connections for push to make switch to manually control luminaires

Order Codes

DALI microwave detector

Recessed Mounting

Surface Mounting

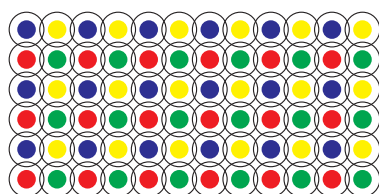
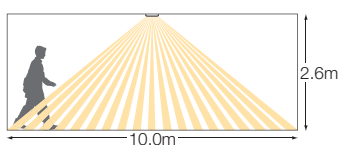
COMRGY

COMRGYSM



Surface Mounting

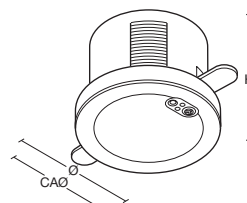
Detection Range



For reliable operation it is essential that units of the same colour code do not occupy adjacent positions in open-plan areas. This is why Whitecroft supplies four variants of the COMRG Detector (Blue/Yellow/Red/Green). Orders are dispatched with a suitable colour code mix.

Dimensions

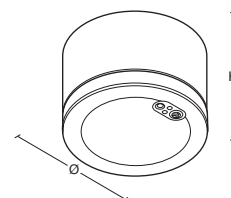
Recessed



Ø	H	CAØ
100	57	89*

* for metal pan or integration into luminaire cut aperture is 92mm

Surface



Ø	H
100	72

Accessories (See Page 309)



Advance Programmer COMAP



Handheld Controller COMHHC and COMSSC

- Integrated detector
- Programmable via the COMAP
- Regulating photocell ensures minimum maintained light level taking into account the contribution from adjacent luminaires and daylight
- Maximum range of 6m Ø (based on 2.5m mounting height)
- Remote switching via hand held controller
- Wall switch override to adjust light level or turn luminaires on or off
- Can control in a master and slave arrangement - contact our Technical Desk for further information
- Controls up to 2 DALI ballasts



Command plus 4



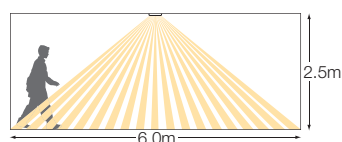
COM4 Louvre Mounted Option

Order Codes

COMPL4 PIR Integrated Detector

Product is supplied within a luminaire and not individually. To specify this product within a luminaire please consult our Technical Desk.

Detection Range



Accessories (See Page 309)



Advance Programmer COMAP



Handheld Controller COMHHC and COMSSC

command plus COMRCYDO

programmable PIR
detector/photocell

- Programmable DALI broadcast and switching PIR detector
- Recessed or surface mounted
- Scene setting for up to six scenes
- Maximum range of 6m Ø (based on 2.5m mounting height)
- Maximum recommended mounting height 3m
- Universal handheld controller purchased separately (COMSSC)
- Programmed with handheld programmer COMAP (supplied separately)
- Switches up to 6A of lighting
- Controls up to 25 DALI ballasts

Order Codes

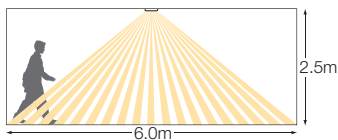
COMRCYDO

Recessed

Surface Mounting

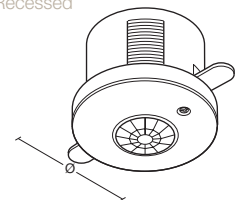
COMRCYDO
COMRCYDOSM

Detection Range



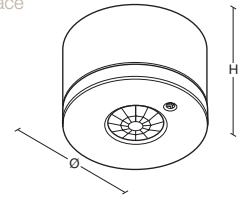
Dimensions

Recessed



Ø 100 H 62 CAØ 89*
* for metal pan or integration into
luminaire cut aperture is 92mm

Surface



Ø 100 H 72

command plus COMPLEY

programmable directional
microwave detector/photocell

The COMPLEY offers high performance directional presence detection for lighting control. It uses microwave presence detection technology which enables the range to be adjusted to suit any application and has relay and digital dimming outputs.

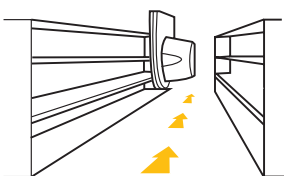
- Surface mounted mid range microwave presence detector
- Regulating photocell
- Scene setting
- Programmed with handheld programmer COMAP (supplied separately)
- Switches up to 10A of lighting
- Controls up to 25 DALI ballasts

Order Codes

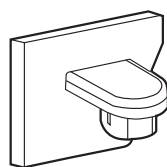
COMPLEY

Command Plus DALI and switching corner mount microwave COMPLEY

Methods Of Wall Mounting



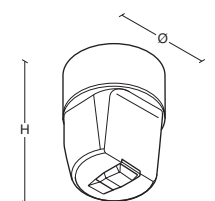
Vertical Mounting



Horizontal Mounting



Dimensions



Ø 74 H 95

command plus COMPLSP10

ten button scene control panel

The COMPLSP10 Scene Switch Panel is used to provide groups of luminaires with scene setting and recall, zone control and communication functions.

- Ten button scene control panel
- Fascia available in brushed stainless steel or white
- To set up to six lighting scenes
- Group dimming
- Fascia must be purchased separately to panel
- Universal handheld controller purchased separately (COMSSC)
- Programmed with handheld programmer COMAP (supplied separately)



Order Codes

COMPLSP10

Command Plus 10 button scene select panel

COMPLSP10

COMPLSP10 FASCIAS

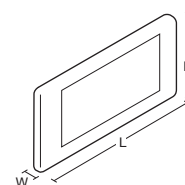
Brushed stainless steel fascia plate

SP10BSS

White fascia plate

SP10WHI

Dimensions



	L	W	H
With fascia	146	4	86

command plus COMPLSP4

four button scene control panel

- Four button scene control panel
- Fascia available in brushed stainless steel or white
- Fascia must be purchased separately to panel
- Counts as two nodes on Command Plus bus
- Commissioned using dip switches on reverse of panel



Order Codes

COMPLSP4

Command Plus 4 button scene select panel

COMPLSP4

FASCIAS

Brushed stainless steel fascia plate

SP4BSS

White fascia plate

SP4WHI

Dimensions



	L	W	H
With fascia	86	4	86

- An intelligent, programmable Lighting Control Module connection hub with 12 luminaire output sockets, 5 detector sockets and 5 override input sockets.
- Available in one of two formats:
 - Programmable Hub with Bus Card
 - Programmable Hub with Bus Card and DALI Dimming Card
- Detectors (supplied separately, requires patch lead for connection to hub):
 - Recessed PIR detector (COMRCGAMMA)
 - Recessed microwave detector (COMRGGAMMA)
 - Corner mounted microwave detector (COMREGAMMA)
 - Luminaire integrated PIR detector (COMPL4GAMMA)
- Universal handheld controller supplied separately (COMDSSC)



Order Codes

CPDMGAMMA	CPDMGAMMAB
Programmable Hub with Bus Card	
Programmable Hub with Bus Card and DALI Dimming Card	CPDMGAMMABY

Detectors

Recessed PIR for Hub	COMRCGAMMA
Recessed Microwave Detector for Hub	COMRGGAMMA
Corner Mounted Microwave Detector for Hub	COMREGAMMA
Luminaire integrated detector/photocell*	COMPL4GAMMA

Accessories

3m patch lead for detectors to Gamma Hub	W/BT5E030GY
5m patch lead for detectors to Gamma Hub	W/BT5E050GY
10m patch lead for detectors to Gamma Hub	W/BT5E100GY
Switch input plugs (pack of 5)	W/CDWIP

* Product is supplied within a luminaire and not individually. To specify this product within a luminaire please consult our Technical Desk.

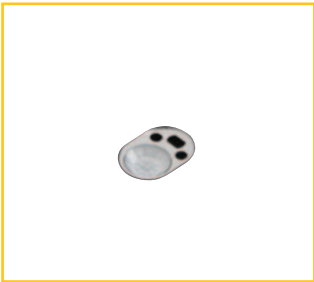
Note: If you do not require this product to be networked please see command section.



COMRCGAMMA



COMRGGAMMA

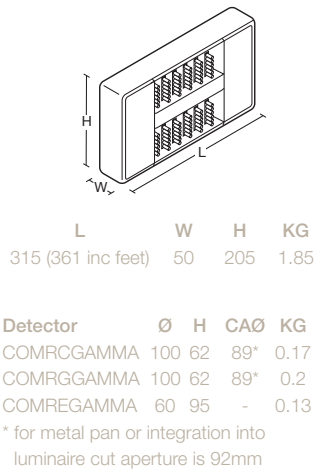


COMPL4GAMMA*



COMREGAMMA

Dimensions



The COMPLBC is a digital bus power supply that powers and synchronises the bus for up to 200 devices. It is equipped with a test facility which provides a simple check of the bus integrity and three volt free inputs to enable easy control of complete systems from one centralised location.

Linking of the Bus Power Supply units enables a building wide common zone to be established without the need for additional hardware. Up to 99 COMPLBC Power Supply units can be connected together (per installation) increasing capacity to almost 20,000 devices on a single system.

- Digital bus power supply
- Powers and synchronises the bus for up to 200 devices
- Integrated test facility
- Three volt free inputs
- Operating at 230V
- Power consumption <10W
- IP65



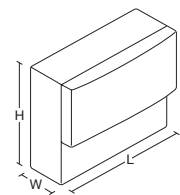
Order Codes

COMPLBC

Command Plus bus power supply

COMPLBC

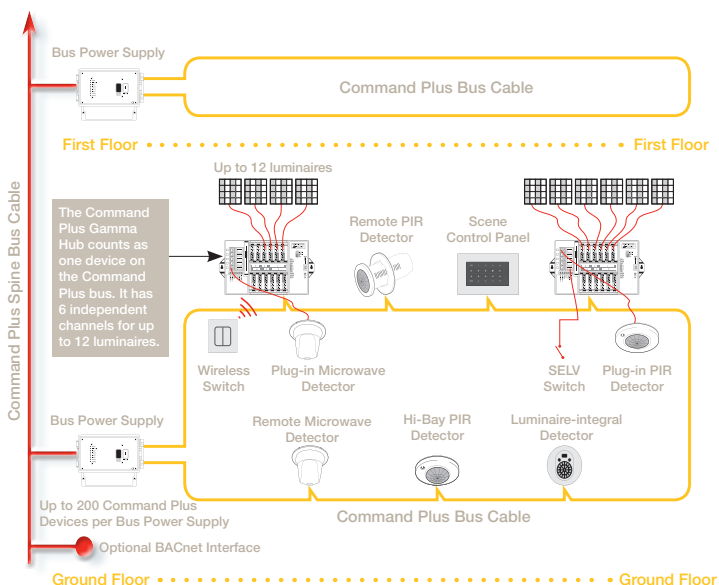
Dimensions



L	W	H
213	117	185

Installation

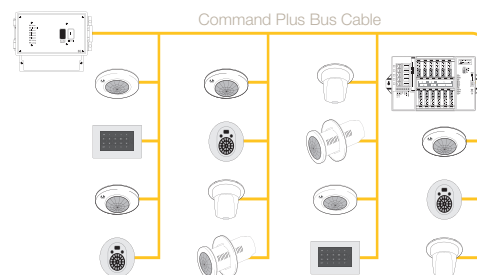
To further Bus Power Supplies (up to 99 in total)



Free bus topology for maximum flexibility

The 2-wire communications bus that connects all the devices so that they can share occupancy information can be run alongside the mains wiring.

The loop arrangement (shown in the example left) is preferred as it enables automatic bus-integrity testing but the bus may also be installed in a 'T' (shown below) or star arrangement.



command plus COMPLBCLT

small area digital
power supply

The COMPLBCLT Digital Power Supply 'Lite' is a low-cost Bus Power Supply for small buildings, or areas with fewer than 100 devices (e.g. presence detectors).

The COMPLBCLT can accept inputs from ordinary wall switches to manually override presence detectors programmed to zones 1 and/or 2.

- Digital bus power supply
- Powers and synchronises the bus for up to 100 devices
- Operating at 230V
- Power consumption <10W
- Switches up to 10A of lighting



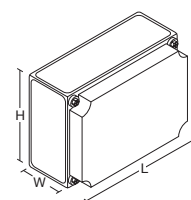
Order Codes

COMPLBCLT

Command Plus bus power supply lite

COMPLBCLT

Dimensions



L	W	H	KG
175	75	125	0.12

command plus COMPLUBT

universal bus
transceiver

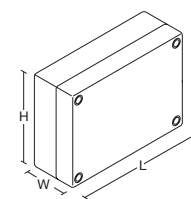
The COMPLUBT Universal Bus Transceiver expands the scope of your controls system by enabling otherwise uncontrolled lighting and non-lighting loads to be brought into the system.

Universal bus transceivers are programmed to respond to signals from the Command Plus bus as part of a zone, common zone and/or building zone and operate in the same way as all of our detectors.

- Enables otherwise uncontrolled lighting and non lighting loads to be brought into a controls system
- Transmits and receives signals to and from the bus
- A boxed enclosure
- Operating voltage 230V 50Hz
- Maximum of 20 DALI ballast load
- Programmed via COMAP (supplied separately)
- Switches up to 10A of lighting



Dimensions



L	W	H	KG
175	75	125	0.12

Order Codes

COMPLUBT

Command Plus universal bus transceiver

COMPLUBT

command plus CPDMHW4/8

programmable intelligent
hard wired hubs

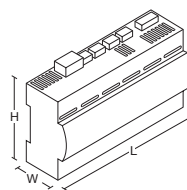
- Programmable intelligent hard wired lighting control modules in either 4 or 8 channel outputs
- Connects multiple luminaires, presence detectors and SELV inputs
- Maximum 18W power consumption
- Operational Supply 230VAC ~50Hz/60Hz

Order Codes

Command Plus 4 port hard wired hub	CPDMHW4
Command Plus 4 port hard wired hub with DALI dimming card	CPDMHW4Y
Command Plus 4 port hard wired hub with communicating card and DALI dimming card	CPDMHW4BY
Command Plus 4 port hard wired hub with communicating card	CPDMHW4B
Command Plus 8 port hard wired hub	CPDMHW8
Command Plus 8 port hard wired hub with DALI dimming card	CPDMHW8Y
Command Plus 8 port hard wired hub with communicating card and DALI dimming card	CPDMHW8BY
Command Plus 8 port hard wired hub with communicating card	CPDMHW8B



Dimensions



Version	L	W	H	KG
CPDMHW4	213	91	62	0.55
CPDMHW8	213	91	62	0.62

command plus COMPLINT

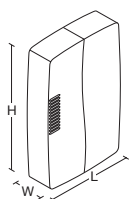
control and
communication interface

- Control and communication interface
- BACnet interface with supervisory and scheduling control
- Command Plus bus to RS485 interface
- Programmable timed event scheduling
- Sharing of occupancy information with the BMS

Order Codes

COMPLINT	
Command Plus control and communication interface	COMPLINT

Dimensions



L	D	H	KG
197	58	321	1.36



command

Stand-alone switching and/or dimming detectors/photocells, allowing a group of luminaires to be created and controlled by a single detector.

detector selection chart

Detector	Catalogue page number	Mounting type	Detector type	Detector range	Maximum recommended ceiling height	Control method	Detection method	Occupancy type	Off delay x minutes	Daylight hold off	Daylight regulating	Programmable	Maximum load
PIR Detector COMRA	296	Recessed	360°	Ø 6m @ 2.5m	3m	Switch live	PIR	Presence	20 mins	Yes	No	No	6 amps
PIR Detector without Photocell COMRAU	296	Recessed/ Surface	360°	Ø 6m @ 2.5m	3m	Switch live	PIR	Presence	20 mins	No	No	No	6 amps
Programmable PIR Detector COMRB	297	Recessed/ Surface	360°	Ø 6m @ 2.5m	3m	Switch live	PIR	Presence	5 - 35 mins	Yes	No	Yes	6 amps
Dual Circuit Programmable PIR Detector COMRBD	297	Recessed/ Surface	360°	Ø 6m @ 2.5m	3m	1 x switch live and 1 x volt free	PIR	Presence	5 - 35 mins	Yes	No	Yes	6 amps
programmable PIR Detector COMRCY	298	Recessed/ Surface	360°	Ø 6m @ 2.5m	3m	DALI	PIR	Presence / Absence	5 - 35 mins	Yes	Yes	Yes	9 ballasts
Directional Ultrasonic Detector COMRD	300	Surface or Semi Recessed	Directional	10m x 10m rooms and up to 15m corridors	5m	Switch live	Ultrasonic	Presence	5 - 15 mins	Yes	No	Manual	10 amps
Directional Microwave Detector COMRE	301	Surface or Semi Recessed	Directional	20m x 20m rooms and up to 25m corridors	3.5m	Switch live	Microwave	Presence	10 sec - 20 mins	Yes	No	Manual	10 amps
Programmable Directional Microwave Detector COMREY	301	Surface or Semi Recessed	Directional	20m x 20m rooms and up to 25m corridors	3.5m	switch live/ DALI	Microwave	Presence / Absence	5 - 35 mins	Yes	Yes	Yes	10 amps/ 25 ballasts
Long Range Microwave Detector COMRF	302	Surface	Directional	30m/ 60m	6m	switch live	Microwave	Presence / Absence	0 - 16 mins	No	No	Manual	10 amps
Programmable Photocell COMRJ	302	Recessed	NA	NA	6m	switch live/ DALI	NA	NA	NA	Yes	Yes	Yes	6 amps/ 25 ballasts
Integrated PIR Detector COM3	307	Integrated	360°	Ø 6m @ 2.5m	3m	DALI	PIR	Presence	5 - 35 mins	Yes	Yes	Yes	1 DALI ballast
Integrated PIR Detector COM4	307	Integrated	360°	Ø 6m @ 2.5m	3m	switch live/ DALI	PIR	Presence / Absence	5 - 35 mins	Yes	Yes	Yes	2 amps or 2 DALI ballasts
Programmable Microwave Detector COMRGY	299	Recessed/ Surface	360°	Ø 10m @ 2.5m	3m	switch live/ DALI	Microwave	Presence / Absence	5 - 35 mins	Yes	Yes	Yes	6 amps/ 25 ballasts

- Uses passive infra red detection technology
- For recessed or surface mounting 360° detector
- Off delay of 20 minutes from last observed movement
- 10 second walk test mode
- Switches up to 6A of lighting
- Maximum range of 6m Ø (based on 2.5m mounting height)
- Maximum recommended mounting height 3m
- Photocell measures daylight penetration and holds off luminaires if adequate daylight is present (COMRA only)
- Remote switching via hand held controller (COMHHC)
- Recessed version supplied complete with 3m lead
- 'THETA' hub detector supplied with 3m lead and 7 way plug for connection to CPDMTHETA (see page 303)



Order Codes

PIR Detector with Photocell

Recessed

Recessed THETA

COMRA
COMRATHETA

PIR Detector without Photocell

Recessed

Surface Mounting

COMRAU
COMRAUSM

Options

Plasterboard Fixing Kit

COMPB

Optional Command Fast Link Connector

CFL 4 POLE

Add suffix /CFL4P

i.e. COMRA/CFL4P

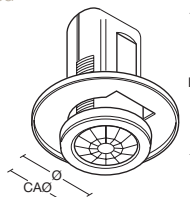
CFL 6 POLE

Add suffix /CFL6P

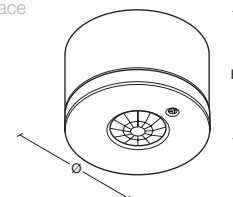
i.e. COMRA/CFL6P

Dimensions

Recessed



Surface

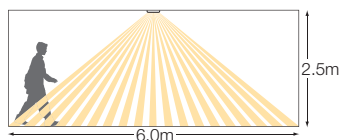


Version	Ø	H	CAØ
Recessed	65	115	50*
Recessed THETA	65	115	64

Ø	H
100	72

* When using CFL 6 Pole CAØ on recessed version is 64

Detection Range



Accessories (See Page 309)



Handheld Programmer COMPTC for COMRA Photocell Programming only



Handheld Controller COMHHC

- Uses passive infra red detection technology
- For recessed or surface mounting 360° detector
- Programmable via the COMPTC programmer
- Variable off delay of between 5 - 35 minutes from last observed movement including 10 second walk test mode
- Switches up to 6A of lighting
- Maximum range of 6m Ø (based on 2.5m mounting height)
- Maximum recommended mounting height 3m
- Photocell measures daylight penetration and switches luminaires dependant upon natural light level
- Dual circuit option -
1 x switched-live and 1 x volt-free circuit
(can be used to switch another device, e.g. Fan)
- Remote switching via hand held controller (COMHHC)
- Recessed version supplied complete with 3m lead
- 'THETA' hub detector supplied with 3m lead and 7 way plug for connection to CPDMTHETA (see page 303)



Recessed COMRBDC only



Surface Mounting

Order Codes

Programmable PIR Detector

Recessed
Recessed THETA
Surface Mounting

COMRB
COMRBTHETA
COMRBDM

Dual Circuit Programmable PIR Detector

Recessed Mounting
Surface Mounting

COMRBDC
COMRBDCSM

Options

Plasterboard Fixing Kit

COMPB

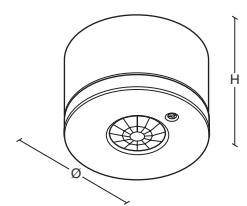
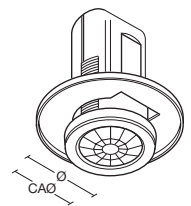
Optional Command Fast Link Connector

CFL 4 POLE	Add suffix /CFL4P	i.e. COMRB/CFL4P
CFL 6 POLE	Add suffix /CFL6P	i.e. COMRB/CFL6P

Dimensions

COMRB only

Surface

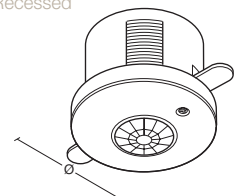


Version	Ø	H	CAØ
Recessed	65	115	50
Recessed THETA	65	115	64

Ø	H
100	72

* When using CFL 6 Pole CAØ on recessed version is 64

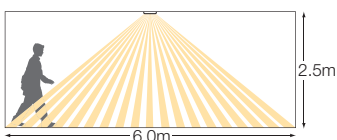
Recessed



Ø	H	CAØ
100	62	89*

* for metal pan or integration into luminaire cut aperture is 92mm

Detection Range



Accessories (See Page 309)



Handheld Programmer COMPTC



Handheld Controller COMHHC

- Uses passive infra red detection technology
- For recessed or surface ceiling mounting 360° detector
- Variable off delay of between 5 - 35 minutes from last observed movement including 10 second walk test mode
- Switches up to 6A of lighting (COMRCYDO only)
- Controls up to 9 DALI ballasts
- Maximum range of 6m Ø (based on 2.5m mounting height)
- Regulating photocell ensures a minimum maintained light level taking account of the contribution from adjacent luminaires and daylight
- Remote switching via hand held controller (COMHHC)
- Recessed version supplied complete with 3m lead (COMRCY only)
- Wall switch override for push to make switch to manually control luminaires
- Dual circuit control (COMRCYDO only)
 - switch output
 - separate DALI output for photocell control



Recessed COMRCYDO only



Surface Mounting

Order Codes

DALI Programmable PIR Detector

Recessed*

Surface Mounting*

COMRCY
COMRCYSM

DALI Dual Circuit Programmable PIR Detector

Recessed

Surface Mounting

COMRCYDO
COMRCYDOSM

Options

Plasterboard Fixing Kit (COMRCY only)

COMPB

Optional Command Fast Link Connector

CFL 6 POLE

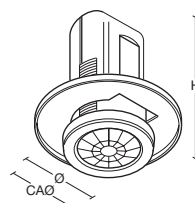
Add suffix /CFL6P

i.e. COMRCY/CFL6P

* Not for use with fixed output HF ballasts

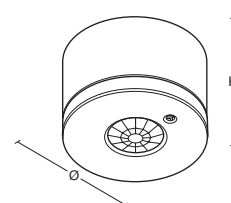
Dimensions

COMRCY only



Ø	H	CAØ
65	115	50

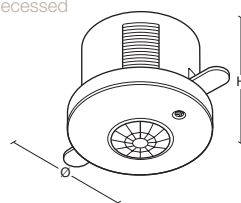
Surface



Ø	H
100	72

* When using CFL 6 Pole CAØ on recessed version is 64

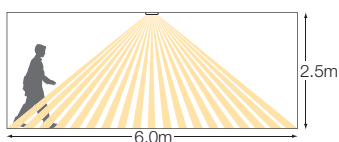
Recessed



Ø	H	CAØ
100	62	89*

* for metal pan or integration into luminaire cut aperture is 92mm

Detection Range



Accessories (See Page 309)



Advance Programmer COMAP



Handheld Controller COMHHC

- Controls 299

- Uses ultrasonic detection technology
- Surface mounted directional detector
- 5, 10 or 15 minute time delay including 5 second walk test - selected via internal switches
- Switches up to 10A of lighting
- Sensitive to respond to very small movements
- Detects movement in rooms up to 10m x 10m and up to 15m range along a corridor - selected via internal switches
- Measures daylight penetration and holds off luminaires if adequate daylight is present
- Maximum recommended mounting height 5m
- Semi recessed mounting kit available



Order Codes

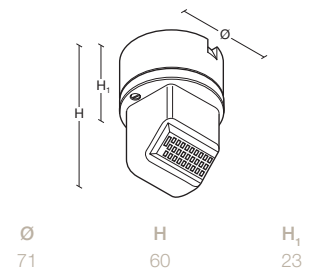
Directional Ultrasonic Detector

Surface Mounting

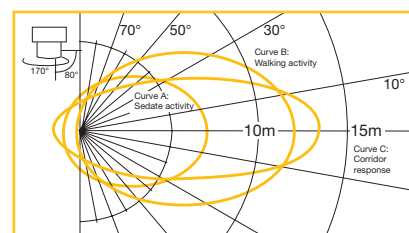
Semi Recessed Mounting Kit

COMRD
COMRDSFK

Dimensions



Detection Range



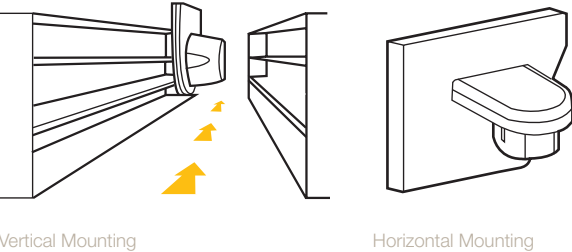
Detection Footprint at 2.4m Mounting Height

- Uses active microwave detection technology
- Surface mounted directional detector
- 10 second to 20 minute time delay
- Switches up to 10A of lighting
- Controls up to 25 DALI ballasts (COMREY only)
- Sensitive to respond to very small movements
- Capable of effective presence detection in rooms of up to 20m x 20m and up to 25m range along a corridor
- Measures daylight penetration and holds off luminaires if adequate daylight is present (COMRE only)
- Adjustment controls for ON range, OFF range, OFF delay and photocell via side door (COMRE only)
- Maximum recommended mounting height 3.5m
- Semi recessed mounting and wall mounting kit available
- DALI versions available. Connections for push to make switch to manually control luminaires (COMREY only)
- 'THETA' hub detector supplied with 3m lead and 7 way plug for connection to CPDMTHETA (see page 303)

Order Codes

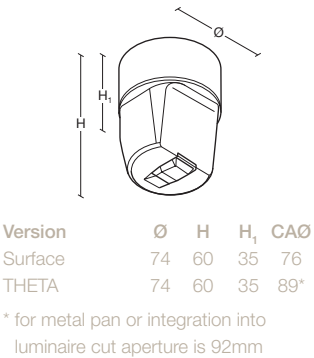
Directional Microwave Detector	COMRE
Surface Mounting	
DALI Directional Microwave Detector	COMREY
Surface Mounting	
Recessed Mounting THETA	COMREYTHETA
Options	
Semi Recessed Mounting Kit	COMRESFK
Wall Mounting Kit	COMREWMK

Methods Of Wall Mounting



Semi Recessed Mounting

Dimensions



Accessories (See Page 309)



Advance Programmer COMAP
(for use with COMREY and COMREYTHETA only)



Handheld Controller COMHHC

command COMRF

long range microwave detector

- Uses active microwave detection technology
- Surface mounted long range microwave detector
- 0 – 16 minutes time delay adjustable in control unit
- Superior microwave technology detects movement up to 60m range
- Robust construction allows presence detection for a variety of large areas such as Warehouses, Sports Halls, Car parks etc.
- Control unit and head box can be mounted up to 100m apart
- Dual circuit control unit can switch 10A in total

Order Codes

Long range microwave detector

30m head box mounted*

COMRF30B

60m head box mounted*

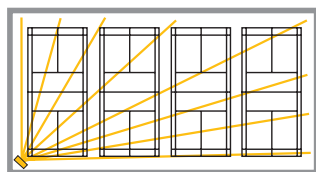
COMRF60B

Control unit with dual circuit relay

COMRCON2

* COMRF30B/60B must always be ordered in conjunction with COMRCON2 control unit

Positioning

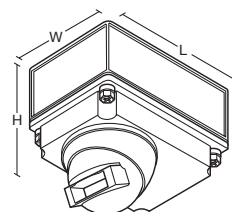


The detector can see through glass and should be positioned away from thin partitions and windows

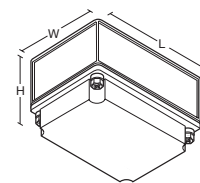


Semi Recessed Mounting

Dimensions



L 175
W 125
H 145



L 175
W 125
H 100

command COMRJ

programmable photocells

- Recessed ceiling mounted photocell
- Passing cloud timer
- Programmable via the COMAP programmer
- Supplied complete with 3m lead
- Programmable photocell
 - Switches up to 6A of lighting
 - Measures daylight penetration and holds off luminaires accordingly
- Programmable dimming photocell
 - Controls a maximum of 25 DALI ballast
 - Measures daylight penetration and dims luminaires accordingly

Order Codes

Programmable Photocell

Recessed Mounting

COMRJ

Dimming Universal Photocell

Recessed Mounting

COMRJDIM

Options

Plasterboard Fixing Kit

COMPB

Optional Command Fast Link connector

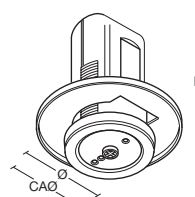
CFL 6 POLE

Add suffix /CFL6P

i.e. COMRJ/CFL6P



Dimensions



Ø 65
H 115
CAØ 50

* When using CFL 6 Pole option CAØ is 64

Accessories



Advance Programmer COMAP



Handheld Controller COMHHC and COMSSC

- Command open plan 10 port hub
- To interconnect presence detectors and luminaires
- One or two detectors can be connected to up to ten luminaires depending on the configuration used
- Range of detectors for use with CPDMTHETA available (purchased separately)
- All THETA detectors are supplied with 3m cables and 7-way connector for connection to CPDMTHETA

Order Codes

CPDMTHETA

Command Connection Centre CD Box

CPDMTHETA

Accessories

7 pin plug for use with CPDMTHETA detectors

THETA/7P

Dimensions

L	W	H	KG
315 (361 inc feet)	50	205	1.85

Detector	Ø	H	CAØ
COMRATHETA	65	115	64
COMRBTHETA	65	115	64
COMRGYTHETA	100	62	89*
COMRCYDOTHETA	100	62	89*
COMRETHETA	74	95	90
COMREYTHETA	74	95	90

* for metal pan or integration into luminaire cut aperture is 92mm



COMRATHETA / COMRBTHETA



COMRGYTHETA



COMRCYDOTHETA



COMRETHETA / COMREYTHETA

- Available in two formats:
 - Non-dimming – CPDM Alpha
 - Dimming – CPDM Beta
- Output connections –
 - 10 Wieland type 4 pin GST/18 sockets (CPDM Alpha)
 - 10 Wieland type 6 pin GST/18 sockets (CPDM Beta)
- Switching capacity – 6 amps per socket outlet but the total load must not exceed 8 amps per switching group or 16 amps for the full unit (6A when COM detectors are used)
- Can be wall switched as one group of 10 or two groups of 5
- Can be PIR switched as one group of 9 or two groups of 4
- Command control via detector heads. Detectors simply plug into Wieland sockets
- 3 x 20mm knockouts for cable entry
- Sockets mounted in galvanised steel box
- Emergency lighting key switch terminations

Order Codes

CPDM

Non-dimming command open plan hub

CPDMALPHA

Command remote PIR non-dimming complete with 4-pin wieland plug and 3m lead (see **COMRA** for functions)

COMRACFL4P

Dimming command open plan hub

CPDMBETA

Command remote PIR non-dimming complete with 6-pin wieland plug and 3m lead (see **COMRB** for functions)

COMRBCFL6P

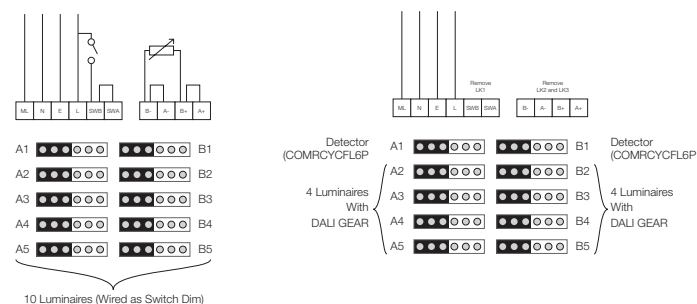
Command remote PIR digital (DALI) dimming complete with 6-pin wieland plug and 3m lead (see **COMRCY** for functions)

COMRCYCF6P

Sample Wiring Diagram

Wall switching/dimming

Two DALI dimming detectors

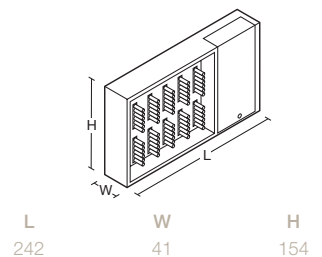


COMRA/COMRB

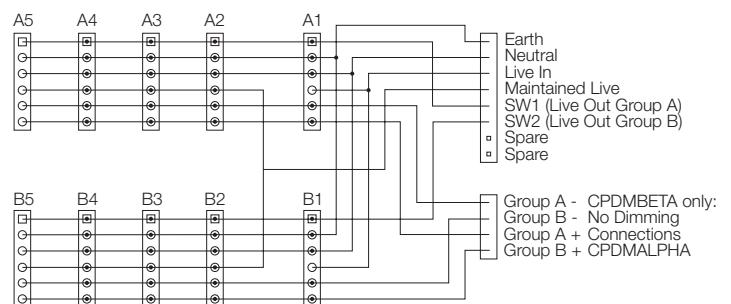


COMRCD/COMRCY

Dimensions



Connections



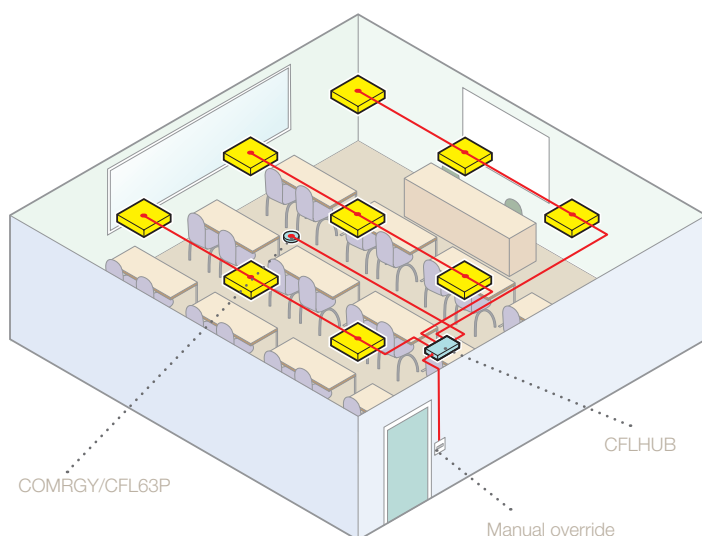
To Specify

Intelligent power distribution module with 10 Wieland type GST/18 output sockets switched as one group of 10 or two groups of 5 – wall switched, one group of 9 or two groups of 4 – PIR switched. Body in galvanised steel – as Whitecroft Lighting CPDM

- Low profile housing, perimeter mounted connector for mounting in limited void space
- Integrated mounting detail for surface, rod or trunking fixing
- Output connections
 - 3 x 6 pole lighting outputs rated at 6A
- Control Connections
 - Dimming or switching detector input socket
 - 1 - 3 gang manual switch override sockets
- Emergency lighting key switch socket
- Injection moulded flame retardant housing with mains entry cover and cable retainer

The Command Classroom Hub can be used in conjunction with CFL components to deliver a wide variety of configurations. An on-line systems builder is available to show how the hub can be configured to control daylight dimming, occupancy, manual overrides and emergency lighting options. Use our web based configurator to define one of 57 ways to connect the CFLHUB for a classroom application. For more information visit the Whitecroft website.

Typical classroom configuration utilising a command microwave detector/photocell/COMRGY/CFL63P for absence detection, window row dimming and manual override



Order Codes

Hub

Command Small Area Hub

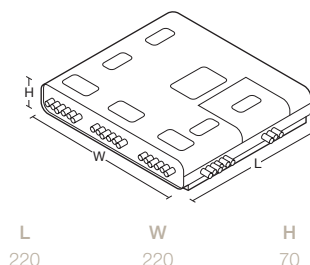
CFLHUB

Command Fast Link

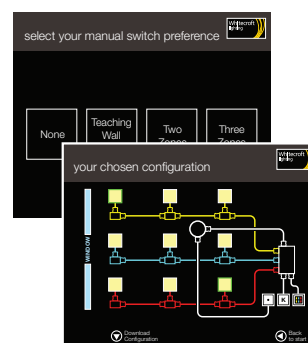
See pages 310 to 314 for a listing of the range of leads and detectors to complete a full Command Fast link plug and play installation. A design service is available, please contact the Whitecroft office for further details.



Dimensions



Web Configurator



Use our web based configurator to define one of 57 ways to connect the CFLHUB for a classroom application. For more information visit the Whitecroft website.

To Specify

Local area lighting control module with 3 off 6 pole 6A outputs, occupancy/daylight detection and manual override switch inputs. Compatible with GST18 connectors – as Whitecroft Lighting CFLHUB

- An intelligent, programmable Lighting Control Module connection hub with 12 luminaire output sockets, 5 detector sockets and 5 override input sockets.
- Available in one of two formats:
 - Programmable Hub
 - Programmable Hub with DALI Dimming Card
- Detectors (supplied separately, requires patch lead for connection to hub):
 - PIR detector (COMRCGAMMA)
 - Ceiling mounted microwave detector (COMRGGAMMA)
 - Corner mounted microwave detector (COMREGAMMA)
 - Luminaire integrated PIR detector (COMPL4GAMMA)
- Universal handheld controller supplied separately (COMDSSC)



Order Codes

CPDMGAMMA	CPDMGAMMA
Programmable Hub	
Programmable Hub with DALI Dimming Card	CPDMGAMMAY

Detectors

PIR for Hub	COMRCGAMMA
Ceiling Mounted Microwave Detector for Hub	COMRGGAMMA
Corner Mounted Microwave Detector for Hub	COMREGAMMA
Luminaire integrated detector*	COMPL4GAMMA

Accessories

3m patch lead for detectors to GammaHub	W/BT5E030GY
5m patch lead for detectors to Gamma Hub	W/BT5E050GY
10m patch lead for detectors to Gamma Hub	W/BT5E100GY
Switch input plugs (pack of 5)	W/CDWIP

* Product is supplied within a luminaire and not individually. To specify this product within a luminaire please consult our Technical Desk.

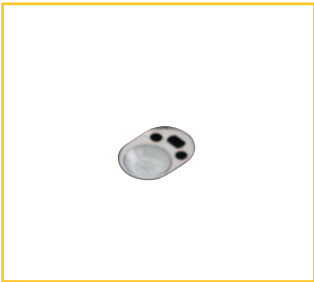
Note: If you require this product to be networked please see command plus section



COMRCGAMMA



COMRGGAMMA



COMPL4GAMMA*



COMREGAMMA

Dimensions

L	W	H	KG
315 (361 inc feet)	50	205	1.85

Detector	Ø	H	CAØ	KG
COMRCGAMMA	100	62	89*	0.17
COMRGGAMMA	100	62	89*	0.2
COMREGAMMA	60	95	-	0.13

* for metal pan or integration into luminaire cut aperture is 92mm

- Integrated detector
- Programmable via the COMAP and COMPTC programmer
- Regulating photocell ensures minimum maintained light level taking into account the contribution from adjacent luminaires and daylight
- Maximum range of 6m Ø (based on 2.5m mounting height)
- 5-35 minute time delay including 10 second walk test
- Remote switching via hand held controller
- Wall switch override to adjust light level or turn luminaires on or off (COM4 only)
- Can control in a master and slave arrangement - contact our Technical Desk for further information

Order Codes

COM3 DALI PIR Detector

See luminaire pages for order codes

COM4 Switching PIR Detector

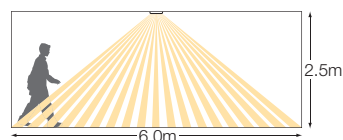
See luminaire pages for order codes

COM4 DALI PIR Detector

See luminaire pages for order codes

Look for the  symbol

Detection Range



Command 3



Command 4



COM3 Infill Mounted Option



COM4 Louvre Mounted Option

Accessories (See Page 309)



Advance Programmer COMAP



Handheld Programmer COMPTC



Handheld Controller COMHHC and COMSSC

command COM5

integrated intelligent
detector/photocells

- Integrated detector
- Uses active microwave technology
- 360° detection
- Maximum range of 10m Ø (based on 8m mounting height)
- Detection area can be reduced by selecting the combination on a DIP switch to maximise performance in specific applications (10/30/50/75/100%)
- 5 seconds to 25 minutes time delay
- Can control in a master and slave arrangement - contact our Technical Desk for further information



Look for the  symbol

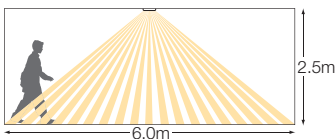
command COM6

- Integrated detector
- Programmable via the COMAP or COMPTC programmer
- Regulating photocell ensures minimum maintained light level taking into account the contribution from the adjacent luminaires and daylight (COM6Y only)
- Maximum range of 6m Ø (based on 2.5m mounting height)
- 5 min – 35 min time delay including 10 second walk test
- Remote switching via hand held controller
- Can control in a master and slave arrangement - contact our Technical Desk for further information



Look for the  symbol

Detection Range



COMHHC

- A handheld controller designed to allow temporary local user override – on, off, raise and lower light level

Order Codes

Handheld

Handheld Controller

COMHHC

handheld controller



COMSSC

- A handheld controller designed to allow temporary local user override – on, off, raise and lower light level
- 6 presets for scene setting

Order Codes

Scene Setting handheld

Handheld Controller

COMSSC

scene setting handheld controller



COMPTC

- A handheld programmer that allows the user to set variable parameters on selected Whitecroft Lighting Command COMR detectors by using switches within the device

Order Codes

Programmable

Handheld Programmer

COMPTC

handheld programmer



COMAP

- A handheld programmer that allows the user to set variable parameters on most Whitecroft Lighting Command COMR and all COMPL detectors via a digital display and on screen menu. This device can also interrogate and download settings from a detector

Order Codes

Advanced Programmable

Handheld Programmer

COMAP

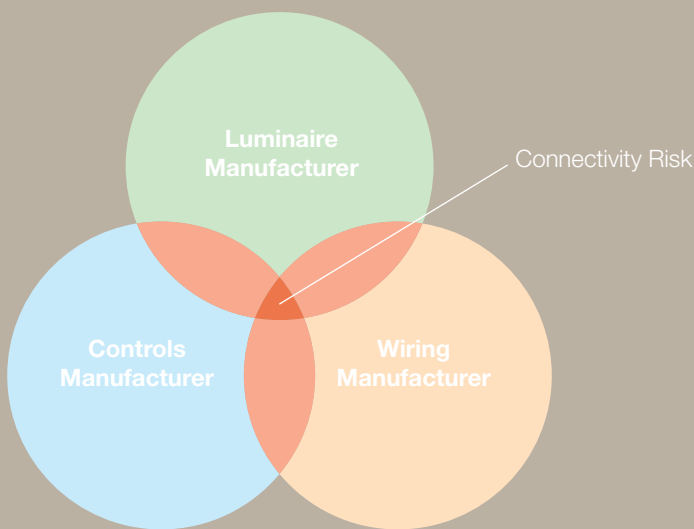
advanced handheld programmer



command fast link

Keeping Installation Simple

With Command Fast Link from Whitecroft Lighting, installation of any lighting scheme is significantly simplified. As a lighting scheme is designed, connectivity can be pre-planned and a complete package of luminaires, controls and wiring ready to install is delivered to site. Not only does this reduce installation time, but eliminates both costly down time and the risk associated with traditional multi-party specifications. These systems are factory tested and guaranteed to be fault free.



In any specification, the areas where different suppliers overlap creates a connectivity risk which can be time consuming and costly to solve on site.

Installation Time Comparison

	Traditional Installation Time	Command Fast Link Installation Time
Luminaire	30 mins	12 mins
Control Devices	40 mins	12 mins
Manual Switch	40 mins	20 mins
Emergency Key Switch	40 mins	20 mins

If we assume that a typical installation comprises 100 luminaires, with 10 control devices, 4 switches and 4 emergency key switches, then the installation will take around 63 man hours when wired conventionally. With Command Fast Link, this installation time is reduced to around 25 hours. Furthermore, because of Command Fast Link's plug and play connectivity, less skilled labour is required to successfully install a project.

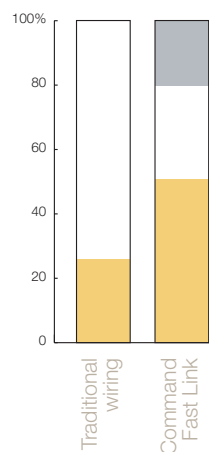
command fast link

Adding Flexibility To The Workspace

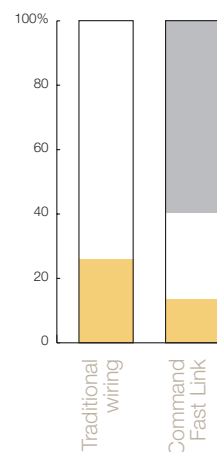
Command Fast Link brings savings to any installation. Whilst material costs increase, on-site labour cost is significantly reduced which can result in an overall saving of around 20%.

However, the benefits of Command Fast Link do not end at installation. In any modern office environment, flexibility is key to the success of the building. As the demands on the space change, lighting and controls need to be easily and quickly re-configured to adapt to the new requirements. Command Fast Link allows the contractor to simply re-configure switching arrangements without the need for costly re-wiring.

Cost comparison -
Initial Installation



Cost comparison -
Re-configuration



□ Labour Cost ■ Material Cost ■ Potential Saving

Command Fast Link Connectors

There are 6 basic elements in the Command Fast Link system which are available in both 4 and 6 core configurations. These can be combined to cater for any wiring need and are designed to allow fast, error free connection.

All plugs are mechanically keyed for easy connectivity and to prevent installation errors. Plugs are also self-locking to prevent accidental disconnection. Components are type tested to EN1313.

LSF 1.5mm² stranded cable is used throughout the system and is type tested to EN50267.

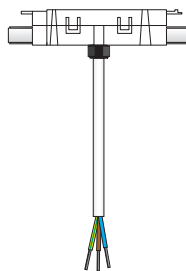
Once assembled the whole installation is factory tested for connectivity and clearly labelled. In full compliance with EN7671.



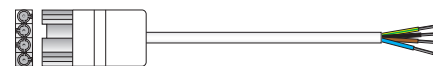
Starter Lead for connection to building power distribution



Extender to link luminaires and switch modules



Switch Module with in-line connection for wall switch



Flying Lead to link luminaires to T piece
These can be supplied pre-wired to luminaires



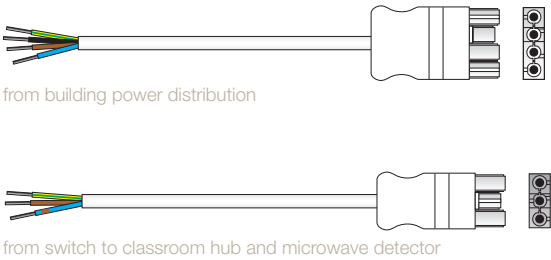
T Piece to connect luminaires and detectors to extender

starter and one-switch leads

Order Codes

Unit	Colour	
4m Starter Lead	White	CFL/ST/4P/4M
4m Starter Lead	White	CFL/ST/6P/4M
with 4/6 Pole GST Female connector to free end		
4m DALI Starter Lead	Black/Grey	CFL/DAL/ST/6P/4M
with 6 Pole GST Female connector to free end		

Unit	Colour	
6m Switch Lead	White	CFL/SD/3P/6M
12m Switch Lead	White	CFL/SD/3P/12M
with 3 Pole GST Male connector to free end		

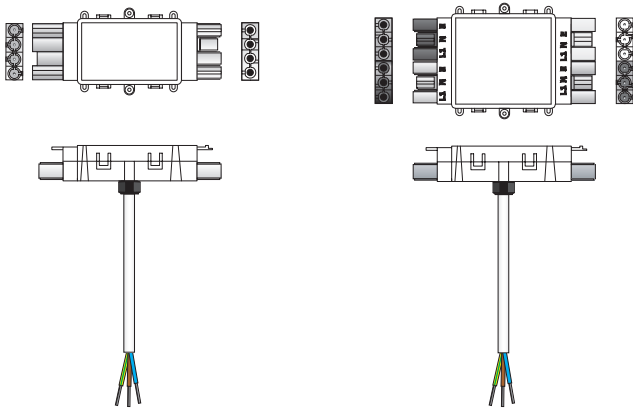


switch modules

Order Codes

Unit	Colour	
4 Pole Switch Module	White	CFL/SLM/4P
4 Pole Emergency Key Switch Module	White	CFL/SLME/4P
Male to Female GST 4 pole in-line connector, 4 metre 3 core cable to free end		

Unit	Colour	
6 Pole Switch Module	Black/Grey	CFL/SLM/6P
6 Pole Emergency Key Switch Module	Black/Grey	CFL/SLME/6P
Male to Female GST 6 pole in-line connector, 4 metre 3 core cable to free end		
6 Pole DALI Switch Module	Black/Grey	CFL/DAL/SLM/6P/4M
Male to Female GST 6 pole in-line connector, 4 metre 3 core cable to free end		

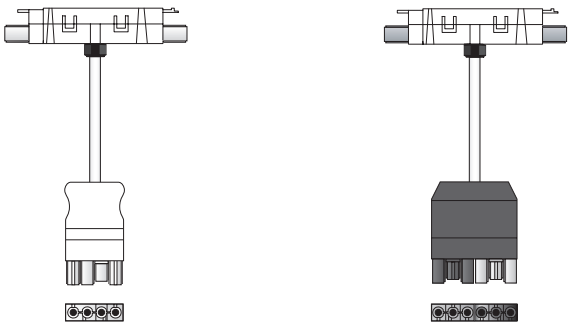


detector modules

Order Codes

Unit	Colour	
4 Pole Detector Module	White	CFL/DM/4P
Male to Female GST 4 pole in-line connector, 0.5 metre to Female GST 4 pole connector		

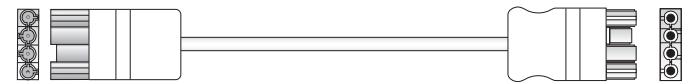
Unit	Colour	
6 Pole Dimming Detector Module	Black/Grey	CFL/DDM/6P
Male to Female GST 6 pole in-line connector, 0.5 metre to Female GST 6 pole connector		
6 Pole DALI Detector Module	Black/Grey	CFL/DAL/DM/6P
Male to Female GST 6 pole in-line connector, 0.5 metre to Female GST 3 pole connector		



4 pole extenders

Order Codes

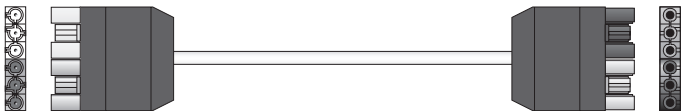
Unit	Colour	
1m Lighting Extender Lead	White	CFL/EX/4P/1M
3m Lighting Extender Lead	White	CFL/EX/4P/3M
5m Lighting Extender Lead	White	CFL/EX/4P/5M
7m Lighting Extender Lead	White	CFL/EX/4P/7M
9m Lighting Extender Lead	White	CFL/EX/4P/9M
4 Pole – 4 Core Male to Female GST connectors		



6 pole extenders

Order Codes

Unit	Colour	
1m Lighting Extender Lead	Black/Grey	CFL/EX/6P/1M
3m Lighting Extender Lead	Black/Grey	CFL/EX/6P/3M
5m Lighting Extender Lead	Black/Grey	CFL/EX/6P/5M
7m Lighting Extender Lead	Black/Grey	CFL/EX/6P/7M
9m Lighting Extender Lead	Black/Grey	CFL/EX/6P/9M
6 Pole – 6 Core Male to Female GST connectors		



4 to 6 pole converters

Order Codes

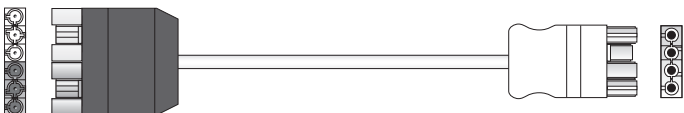
Unit	Colour	
3m 4 to 6 Pole Converter	White/Black/Grey	CFL/EX/4-6P/3M
6m 4 to 6 Pole Converter	White/Black/Grey	CFL/EX/4-6P/6M
4 Pole Male to 6 Pole Female GST connectors		



6 to 4 pole converters

Order Codes

Unit	Colour	
3m 6 to 4 Pole Converter	White/Black/Grey	CFL/EX/6-4P/3M
6m 6 to 4 Pole Converter	White/Black/Grey	CFL/EX/6-4P/6M
6 Pole Male to 4 Pole Female GST connectors		



4 pole flying leads

Order Codes

Unit	Colour	
0.3m Flying Lead	White	CFL/FL/4P/4C/0.3M
3m Flying Lead	White	CFL/FL/4P/4C/3M
5m Flying Lead	White	CFL/FL/4P/4C/5M
Male GST to Free end 4 Pole 4 Core		

Unit	Colour	
0.3m Flying Lead	White	CFL/FL/4P/3C/0.3M
3m Flying Lead	White	CFL/FL/4P/3C/3M
5m Flying Lead	White	CFL/FL/4P/3C/5M
Male GST to Free end 4 Pole 3 Core		

NOTE: To pre-wire these leads to Whitecroft luminaires please contact the sales office for references.



6 pole flying leads

Order Codes

Unit	Colour	
3m Flying Lead	Black/Grey	CFL/FL/6P/6C/3M
5m Flying Lead	Black/Grey	CFL/FL/6P/6C/5M
Male GST to Free end 6 Pole 6 Core		

Unit	Colour	
3m Flying Lead	Black/Grey	CFL/FL/6P/5C/3M
5m Flying Lead	Black/Grey	CFL/FL/6P/5C/5M
Male GST to Free end 6 Pole 5 Core		

NOTE: To pre-wire these leads to Whitecroft luminaires please contact the sales office for references.



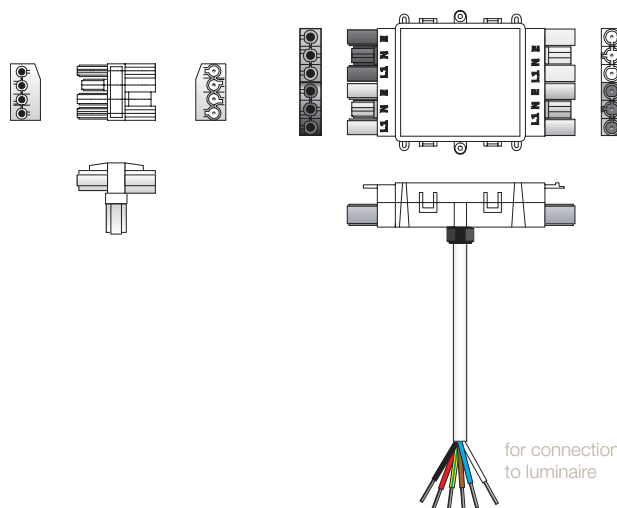
T piece

Order Codes

Unit	Colour	
T Piece	White	CFL/4T
4 Pole molded T Piece, 1 in 2 out		

Unit	Colour	
T Piece	Black/Grey	CFL/6T/3C/0.3M
T Piece	Black/Grey	CFL/6T/4C/0.3M
T Piece	Black/Grey	CFL/6T/5C/0.3M
T Piece	Black/Grey	CFL/6T/6C/0.3M
6 Pole GST T Piece, 0.3m Lead (3, 4, 5 or 6 Core)		

NOTE: To pre-wire these leads to Whitecroft luminaires please contact the sales office for references.



Command application

As services within a modern efficient building become more intelligent so does the complexity of the wiring installation, particularly regarding the lighting, lighting control and emergency lighting central test systems.

At Whitecroft Lighting we can offer a professional design service to minimise errors during the design and installation of the lighting and controls systems.

The Command Fast Link range of plug and play components reduces the risk to the installation when combined with the Whitecroft Command Application Design Service. The risk to the installation and operation of lighting and controls system is reduced to a minimum, resulting in a building that immediately meets operational requirements.

The Whitecroft Lighting team can deliver:

- Pre-installation site visits to include toolbox talks with operatives
- Individual room installation schematic drawings using the latest AutoCAD software
- Building wide installation schematic drawings for Command Plus and Command Elite systems detailing grouping, zoning and switching information
- Onsite commissioning by trained engineers of lighting, controls and emergency lighting control devices supplied by Whitecroft Lighting
- Onsite training on lighting, controls and emergency lighting control systems supplied by Whitecroft Lighting.

For further details please ask you Whitecroft sales representative or contact the Whitecroft sales office.

