

programmable microwave detector/photocell

> weblink > **COMRG**

- Uses active microwave presence detection technology
- Ceiling mounted 360° microwave detector
- Recessed or surface mounting
- Switches up to 6A of lighting
- Sensitive to respond to very small movements
- Dual circuit control
 - switched output
 - separate DALI/DSI 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



Surface mounting



ORDER CODES

DSI microwave detector

Recessed Mounting
Surface Mounting

COMRGD
COMRDSM

DALI microwave detector

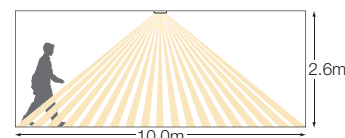
Recessed Mounting
Surface Mounting

COMRGY
COMRGYSM

Optional Command Fast Link connector

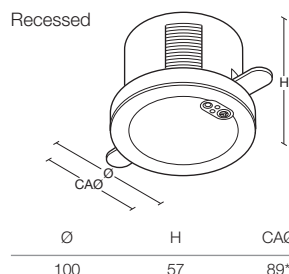
CFL 6 POLE/3 POLE Add suffix **/CFL63P** to order code i.e. **COMRG/CFL63P**

DETECTION RANGE

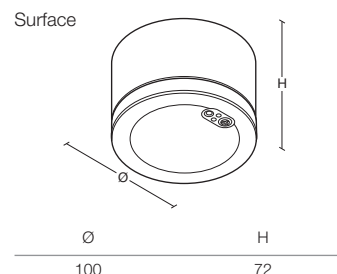


DIMENSIONS

Recessed

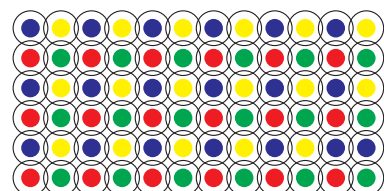


Surface



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

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.

ACCESSORIES (see page 183)



Hand held programmer COMPTC



Hand held controller COMHHC and COMSSC

Detector	Mounting type	Detector type	Detector range	Max ceiling height	Control method	Detection method	Occupancy type	Off delay	Daylight hold off	Daylight regulating	Programmable	Maximum load
Ceiling Mounted Microwave Detector COMRGD	Recessed/ Surface	360°	Ø 10m @ 2.6m	3m	DSI Dual circuit	Microwave	Presence Absence	5-60 min	Yes	Yes	Yes	6 amps ≥ 25 ballasts
Ceiling Mounted Microwave Detector COMRGY	Recessed/ Surface	360°	Ø 10m @ 2.6m	3m	DALI Dual circuit	Microwave	Presence Absence	5-60 min	Yes	Yes	Yes	6 amps ≥ 25 ballasts

directional microwave detector/photocell

> weblink > **COMRE**

- Uses active microwave detection technology
- Surface mounted directional detector
- 10 second to 20 minute time delay
- Switches up to 10A of lighting
- 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
- DSI/DALI versions available. Connections for push to make switch to manually control luminaires (COMRED and COMREY only)



Semi Recessed Mounting

ORDER CODES

Directional Microwave Detector

Surface Mounting **COMRE**

DSI Directional Microwave Detector

Surface Mounting **COMRED**

DALI Directional Microwave Detector

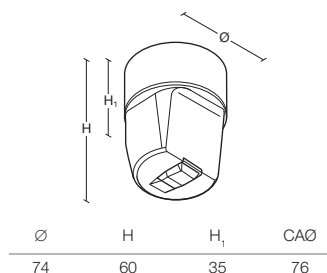
Surface Mounting **COMREY**

Options

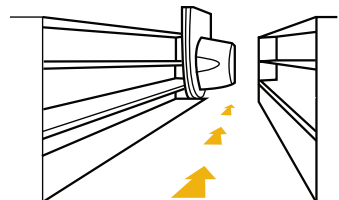
Semi Recessed Mounting Kit **COMRESFK**

Wall Mounting Kit **COMREWMK**

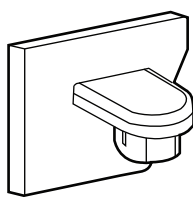
DIMENSIONS



METHODS OF WALL MOUNTING



Vertical Mounting



Horizontal Mounting

ACCESSORIES (see page 183)



Advance programmer COMAP



Hand held controller COMHHC

Detector	Mounting type	Detector type	Detector range	Max ceiling height	Control method	Detection method	Occupancy type	Off delay	Daylight hold off	Daylight regulating	Programmable	Maximum load
Directional Microwave Detector COMRE	Surface	Directional	20m x 20m rooms and up to 25m corridors	3.5m	Volt free	Microwave	Presence	10 sec-20 min	Yes	No	Manual	10 amps
Programmable Directional Microwave Detector COMRED	Surface	Directional	20m x 20m rooms and up to 25m corridors	3.5m	DSI	Microwave	Presence Absence	5-60 min	Yes	Yes	Yes	6 amps 25 ballasts
Programmable Directional Microwave Detector COMREY	Surface	Directional	20m x 20m rooms and up to 25m corridors	3.5m	DALI	Microwave	Presence Absence	5-60 min	Yes	Yes	Yes	6 amps 25 ballasts