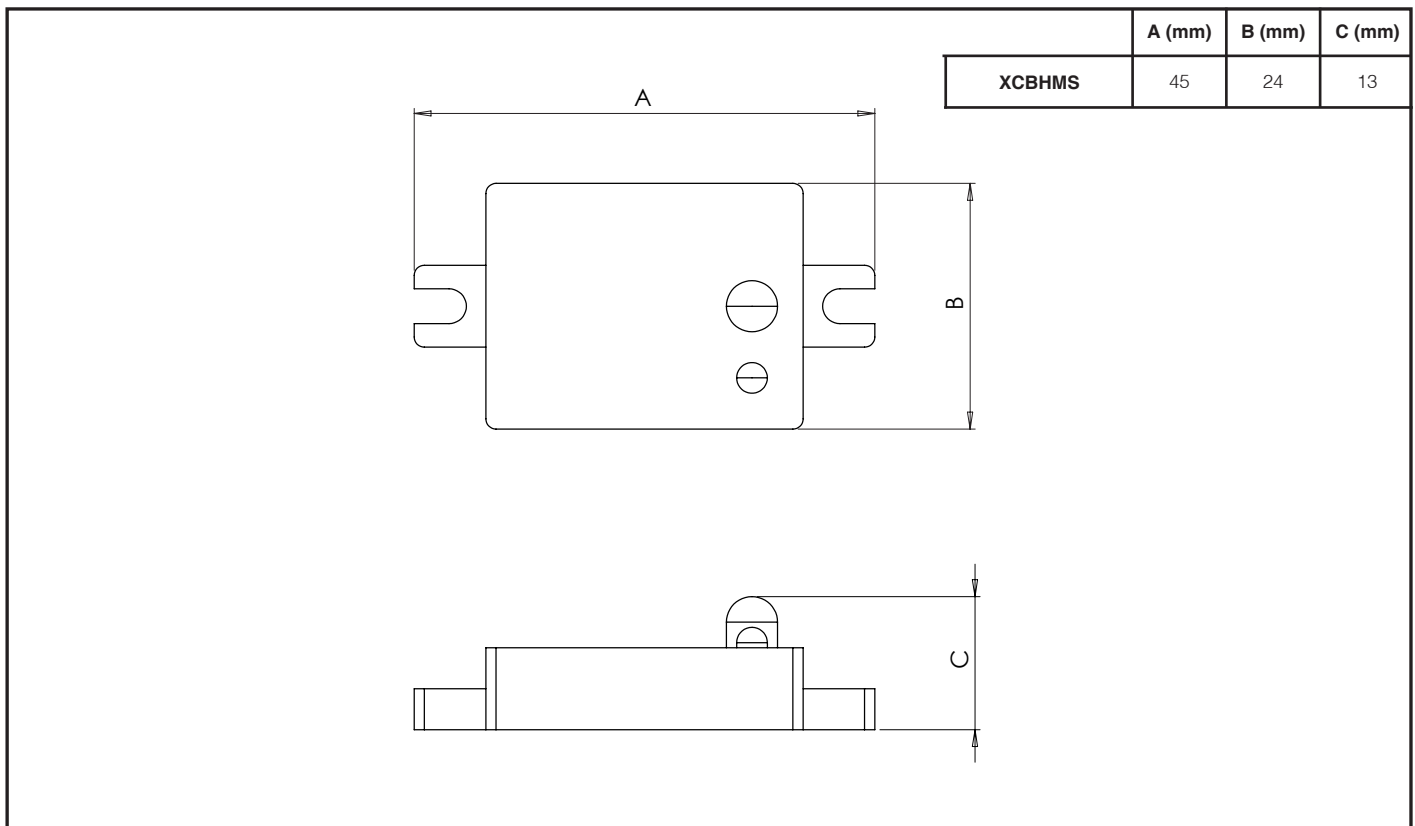


**Product Name: XCBHMS**

## General information

- This product must be installed in accordance with the latest edition of the IET Wiring Regulations and local Building Regulation by a qualified competent person.
- The mains power supply must be turned off before inspection, installation or removal of the product, ensuring that the supply is locked off to prevent inadvertently switching the supply on.
- It is the installer's responsibility to ensure that the installation is suitable for the total load of the product(s). The supply cable fuses/circuit breakers must be correctly rated for the electrical load and taking into account for any transient inrush currents that may occur.
- It is the installer's responsibility to ensure that the environmental operating and storage conditions are complied with and that any fire risks are considered.
- Do not perform insulation strength or insulation resistance tests on the installation with the product(s) connected, this can damage the products and give erroneous readings.
- Do not loop-in supply cables at the product supply terminals unless there is provision for 2-way connection at the terminals.
- To ensure that the product warranty remains valid, the product must be installed and maintained in accordance with these installation instructions and the product must not be modified in any way.

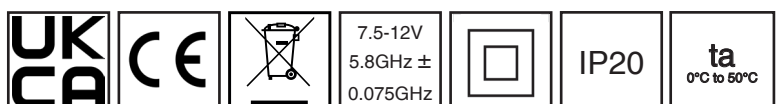
## Dimensions



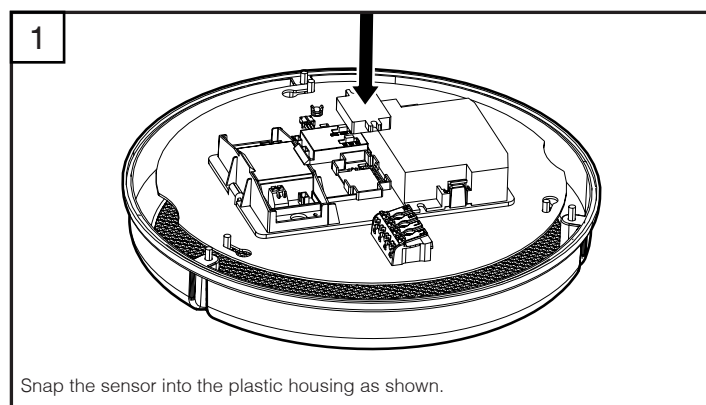
**Page 1 of 4**

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Document No: V4



**Product Name: XCBHMS**



## Default Settings

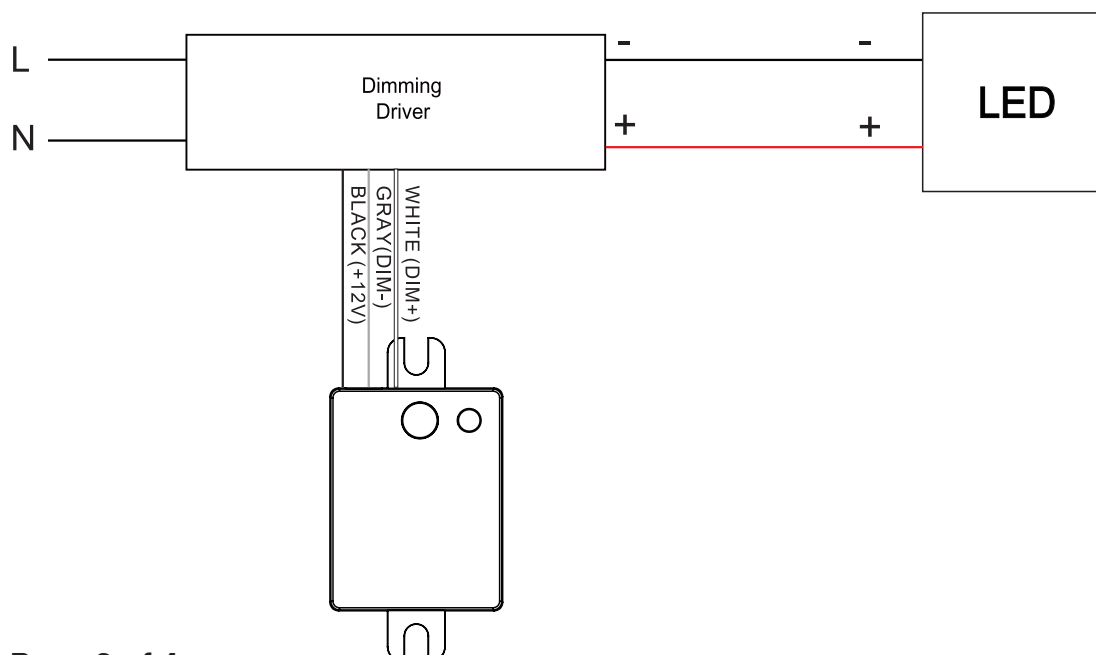
|                    |                       |
|--------------------|-----------------------|
| Sensitivity        | Set to 100% (Maximum) |
| Hold Time          | Set to 10 minutes     |
| Standby Time       | Set to 30 seconds     |
| Daylight Threshold | Disabled.             |

## Specification

|                        |                          |
|------------------------|--------------------------|
| Power Supply           | 7.5 - 12V DC             |
| HF System              | 5.8GHz $\pm$ 0.075GHz    |
| Dim Control Output     | 5V PWM (Gradual change)  |
| Detection Radius/Angle | Max 5m / 360°            |
| Mounting Height        | Max 2.5m                 |
| Remote Range           | 15m indoor, no backlight |

## Wiring Diagrams

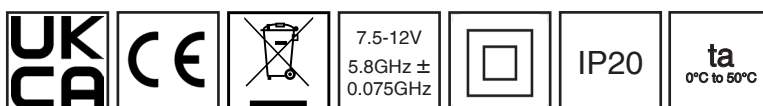
ANT-9A wiring with dimming ballast or LED driver



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Product Name: XCBHMS

## Function Illustration



With sufficient natural light, the light will stay off when presence is detected



If there is insufficient natural light, the light will turn on if presence is detected



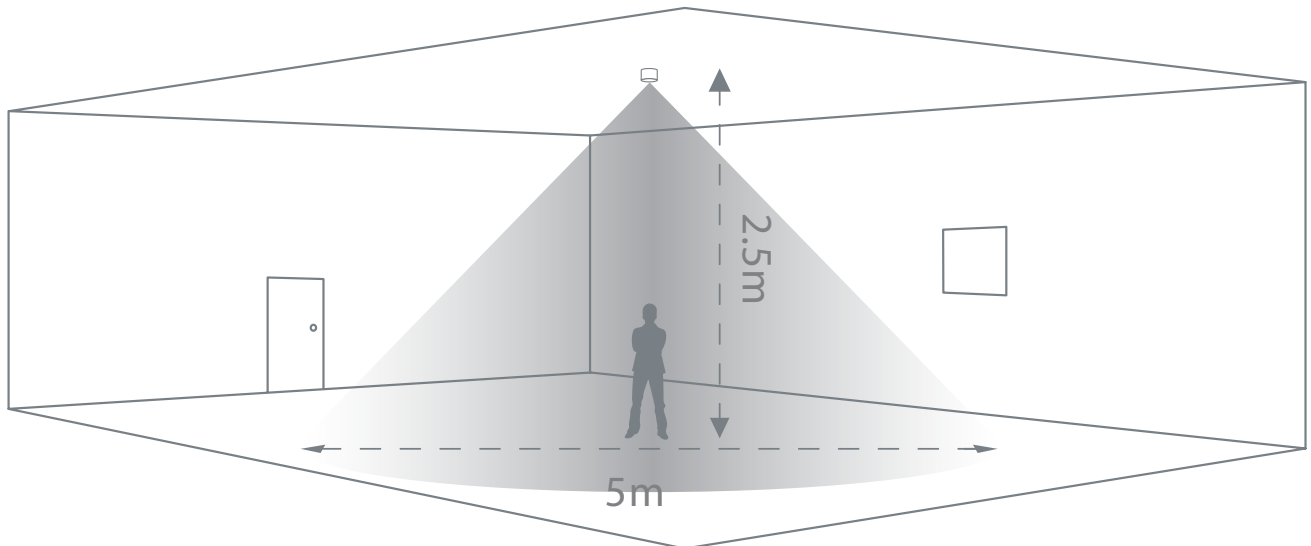
If presence is not detected, the light will dim to the set standby level - (50%)



Light switches off automatically after the set dimming time has elapsed

## Sensor Detection Pattern

high < sensitivity > low



## Walk across



| Height | Range Diameter |
|--------|----------------|
| 2.5m   | 5m             |

**Product Name: XCBHMS**

## Operating Instructions - Sensor Remote Controller XCBHRC (SOLD SEPARATELY)

|  |  |                        |                                                                                                                                      |                                                          |
|--|--|------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
|  |  | Function               | Performance                                                                                                                          |                                                          |
|  |  | ON / OFF               | Turn ON and OFF the light                                                                                                            |                                                          |
|  |  | Evening Light          | Keep the light at 10% output                                                                                                         |                                                          |
|  |  |                        | Lowest Output                                                                                                                        | Dim the light to the lowest output of 10%                |
|  |  |                        | Dim -                                                                                                                                | Every press will decrease the light output by 10%        |
|  |  |                        | Dim +                                                                                                                                | Every press will increase the light output by 10%        |
|  |  |                        | Highest Output                                                                                                                       | Increase the light to the highest output of a 100%       |
|  |  | Holdtime Options       | If theres no presence detected, the period of time the light is kept at current brightness can range from 0min / 30s / 10min / 30min |                                                          |
|  |  | Standby Period Options | If theres no presence detected, the period of time the light is kept at standby output can range from 0min / 30s / 10min / 30min     |                                                          |
|  |  |                        | Daylight Disable                                                                                                                     | Daylight mode is disabled                                |
|  |  |                        | Cloud Mode                                                                                                                           | Ambient brightness of a cloudy day, between 100-200 lux  |
|  |  |                        | Dusk Mode                                                                                                                            | Ambient brightness of dusk, between 50-100 lux           |
|  |  |                        | Night Mode                                                                                                                           | Ambient brightness of a moonlit night, between 10-50 lux |
|  |  |                        | Very Close                                                                                                                           | Very close detection area, between 1m - 2m               |
|  |  |                        | Close                                                                                                                                | Close detection area, about 2m - 4m                      |
|  |  |                        | Medium                                                                                                                               | Medium detection area, about 3m - 5m                     |
|  |  | Far                    | Far detection area, about 5m - 7m                                                                                                    |                                                          |