

## INSTRUCTIONS & TECHNICAL SPECIFICATIONS



### **MCD-PIR** **2 Stage Dimming System**



### **PRODUCT FEATURES:**

- Designed to operate with 1-10V Ballasts or Drivers
- 2 Stage Dimming capabilities
- Suitable for LED and Fluorescent Lighting
- Up to 6mtr Sensitivity Reach
- 15 Second Test Function
- Operating Voltage- 230V

### **TECHNICAL INFORMATION:**

#### **Switch Positions:**

**Top** = After 15 Seconds Dims to 50% then after a further 5 Seconds Dims down to 10%

**Middle** = After 3 Minutes Dims down to 50% then after a further 2 Minutes down to 10%

**Bottom** = After 5 minutes Dims down to 50% and stays at 50%

### **SENSOR WIRING INSTRUCTIONS:**

**RED** = Live to Fuse

**BLACK** = Neutral to Plug In

**GREEN** = ( - ) Negative to the Ballast

**WHITE** = ( + ) Positive to Ballast

The MCD-PIR Movement Controlled Dimmable Lighting System is designed to operate with analogue 1V to 10V dimming Ballasts or Drivers, maintaining full output during occupancy, then dimming in two stages with 50% output after 3 minutes of non-detection and an additional 10% after a further 5 minutes of non-detection, to remain at a constant 40% output. Any time during the time-out movement is detected, the luminaire will switch to 100% output. The MCD-PIR is especially useful in areas such as Data Centres, where moving equipment could cause nuisance switching with Microwave detection





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