

# LIGHTperMETER's sensing & control technology

**WHITE|2|WHITE**  
COLOR TEMPERATURE CONTROL

LIGHTperMETER gives you the option of setting the colour temperature of white light to any value between 2700 ° Kelvin and 5600 ° Kelvin.

The change of the colour temperature and light intensity is achieved by mixing LEDs or LED modules with a warm colour temperature with LEDs of a cool white 5600 ° Kelvin colour temperature. Changing the light output means that the colour temperature can vary seamlessly between these two values. In this way it is possible to control the room according to your needs, mood and task, creating exactly the right atmosphere to improve performance and motivation.

This function is also essential for modern biologically effective lighting solutions which aims to simulate natural light indoors. Light in daylight quality improves a feeling of well-being and productivity for people who have to spend many hours a day in artificial light ( offices, schools ).

Also in shop & retail applications, the light colour plays a crucial role. Customers behaviour in retail areas is influenced by perception and a sense of well-being. Light colour and colour rendering are decisive in determining the perceived quality of materials and products.

It is advisable to use WHITE | 2 | WHITE controls with adjustable colour temperature, if product ranges are often changed.

