

MicroDim

OCCUPANCY AND DAYLIGHT CONTROL WITH DIMMING AND MICROWAVE DETECTION

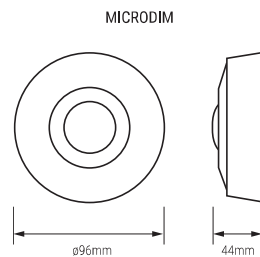


APPLICATIONS

- > Corridors
- > Offices
- > Store Rooms
- > Car Parks
- > Integral Mounting into luminaires

FEATURES

- > Time-out Setting options - 12 seconds / 5 minutes / 10 minutes / 30 minutes.
- > Reach/Sensitivity options - 2m / 5m / 10m
- > Daylight regulation options - 150 lux / 300 lux / 500 lux / 2000 lux.



DESCRIPTION

The MicroDim "Dimmable" Microwave Occupancy System is designed to operate with both LED and Fluorescent with 0V to 10V analogue dimming LED Drivers and dimming High Frequency

Ballast, which functions on the basis of full output when movement is detected and will dim in a single stage to minimum output of the Driver/ Ballast rating at approximately 10%, when the area is unoccupied. It is located within the housing of the luminaire and will detect through the diffuser and as such will operate on occupancy but still retain the sealed integrity of the luminaire.

The control incorporates adjustable settings based on dip switches for Time-out - Reach/Sensitivity and Daylight.

When daylight control is not required we suggest setting at 2000 lux to avoid potential nuisance switching. If daylight control is required then in regards to the LedLite CC Circular PCB Range, the MicroMac is supplied with the photocell on a fly-lead to mount within the body of the fitting to ensure light wash from the diffuser does not distort the photocell detection and product codes should be suffixed "PC". When the area is

unoccupied the System will run continuously at minimum output, providing background comfort security lighting and good health and safety practice but any time during the timeout period that movement is detected, the lighting will return to 100% output.

There is also a facility to adjust the minimum dimmed output level to meet specific requirements, up to 60% of total output, although the control will always be supplied set to minimum. Each luminaire is fitted with its own integral occupancy detector

TECHNICAL + OPTIONS

| MODEL CODE | POWER SUPPLY | LIGHT CONTROL | REACH | DETECTION ANGLE | TIME SET |
|------------|-------------------|------------------------------|---------------------------|-----------------|--------------------------|
| MicroDim | 220V/AC - 240V/AC | 150 lux- 2000 lux adjustable | 2 to 10 metres adjustable | 360° | 12 seconds to 30 minutes |