

Movement Sensors

Essential in every lighting installation

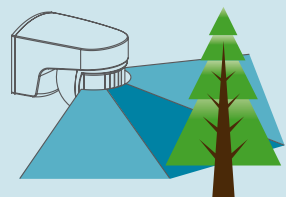
Nowadays the movement sensor has become an essential element in any lighting installation. They help with important energy and economic saving by means of switching the lights on, just when it is necessary by detecting movement. This feature helps you to recover your investment quickly.

There are many installations where you can use the device to your advantage, such as, hotels, office buildings, blocks of flats, garages, warehouses, kitchens, toilets, change rooms, cool rooms, gardens, entrances, etc.

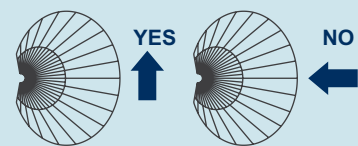
Among the different solutions that ORBIS offers in the areas of control, measurement and energy saving, you will find a wide range of movement sensors with different mounting possibilities, angles, fields of detection, timing and switching capacities, etc.

ADVISE FOR INSTALLATION AND USE

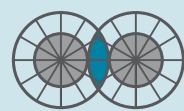
- Avoid high reflective surfaces (mirrors, liquids, marble, etc.), elements with sudden temperature changes (heaters, air conditioning, draughts, etc.) or close to the lights.
- To avoid undesired activation, some models have detection field limiters.



- The environment temperature where it is installed has a high influence on the field and distance of detection. The higher the temperature is, the less reliable the detection field becomes.
- The detection is performed when crossing the detection beams crosswise.



- To guarantee a better detection capacity when installing two detectors, we recommend superimposing the detection fields.



- The waves from ECOMAT can travel through any material, apart from metallic surfaces.



ORBIS TECNOLOGÍA ELÉCTRICA, S.A.
Lérida, 61. E-28020 MADRID
Tel.: +34 91 567 22 77
Fax: +34 91 571 40 06
www.orbis.es • info@orbis.es



energía inteligente®

Movement Sensors



INSTALLATION AND CONTROL

The perfect balance between saving and consumption

PRODUCTO	Angle and Field of detection	Timing	Adjustment of luminosity	Mounting type	Technology	Type of installation	Maximum recommended loads
ISIMAT +	200° 12m	3s-30min	5-2000 lux	Wall	P.I.R.	IP 55	1000 W 250 VA 500 VA 1000 W 200 VA 200 VA
ISIMAT	140° 12m	3s-30min	5-2000 lux	Wall	P.I.R.	IP 55	1000 W 250 VA 500 VA 1000 W 200 VA 200 VA
PROXIMAT	240° 12m	10s-10min	5-2000 lux	Wall	P.I.R.	IP 44	2000 W 880 VA 880 VA 2000 W 880 VA 880 VA
MULTIMAT	200° 12m	3s-30min	5-2000 lux	Wall	P.I.R.	IP 55	2000 W 1000 VA 2000 W 2000 W 900 W 1000 W
ORBIMAT	195° 8m	6s-12min	5-2000 lux	Wall	P.I.R.	IP 20	40-400 W No apto 18-400 W No suitable No suitable
ECOMAT	270° 360° 6m	3s-30min	5-2000 lux	Wall	RF	IP 20	1000 W 250 VA 500 VA 1000 W 200 VA 200 VA
CIRCUMAT	360° Ø 7m	3s-10min	3-2000 lux	Wall	P.I.R.	IP 20	2200 W 400 VA 2000 VA 2200 W 400 VA 400 VA
CIRCUMAT PRO CR	360° Ø 30m	1s-10min	10-1000 lux	Wall	P.I.R.	IP 44	2200 W 1200 VA 2000 VA 2200 W 900 VA 1000 VA
DICROMAT MICRO	360° Ø 4m	6s-12min	5-2000 lux	Wall	P.I.R.	IP 20	2000 W Contactor 300 VA 1000 W Contactor Contactor
DICROMAT MINI DICROMAT 2 MINI	360° Ø 7m	DICROMAT MINI: 6s-12min DICROMAT 2 MINI: 6s-12min 10s-15min	5-2000 lux	Wall	P.I.R.	IP 20	2000 W Contactor 300 VA 1000 W Contactor Contactor
DICROMAT + / 2+ DICROMAT SENSOR +	360° Ø 7m	DICROMAT +: 1s-10min DICROMAT 2+: 1s-10min 10s-15min	DICR. + / 2+: 2-2000 lux	Wall	P.I.R.	IP 20	2200 W 400 VA 2000 VA 2200 W 400 VA 400 VA
DICROMAT + CR DICROMAT 2 + CR	360° Ø 7m	DICROMAT + CR: 1s-10min DICROMAT 2+ CR: 1s-10min 10s-15min	DICR. + CR / 2+ CR: 10-1000 lux	Wall	P.I.R.	IP 20	2200 W 1200 VA 2000 VA 2200 W 900 VA 1000 VA

Angle and field of detection	Timing	Adjustment of luminosity	Wall mounting	Ceiling mounting	Passive infrared technology	Radio frequency technology	Undercover, outdoor installation	Outdoor installation	Indoor installation	Incandescent lamps	Fluorescent lamps	Low-voltage halogen	Halogen 230 V	Low-consumption lamps	Led

LEGEND

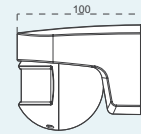
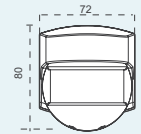
ISIMAT +

COMPACT DESIGN (OUTDOOR/INDOOR)

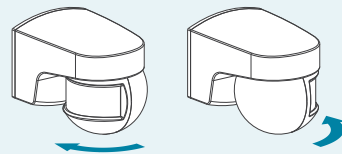
Wall mounted with a 180° rotation.



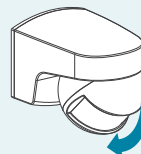
DIMENSIONS



HORIZONTAL ROTATION: 180°



VERTICAL ROTATION: 45°



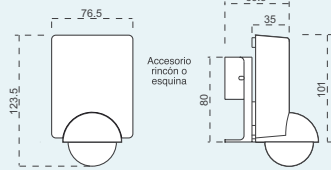
PROXIMAT

HIGH DETECTION LEVEL

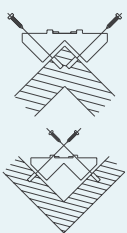
240° detection angle (with 180° rotation) makes it an ideal device for corridors with corners.



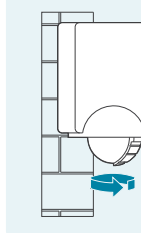
DIMENSIONS



ACCESSORY FOR CORNERS



HORIZONTAL ROTATION: 180°



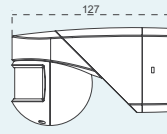
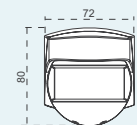
MULTIMAT

VERSATILE MOUNTING OPTIONS (OUTDOOR/INDOOR)

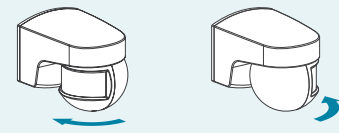
Its Zxation base makes the installation easy no matter what the surface (ceiling, wall, inner or outer corners). Protection index IP55.



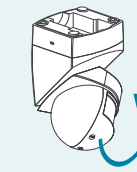
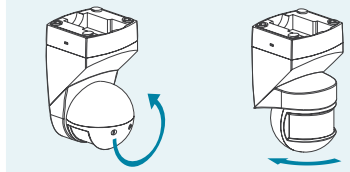
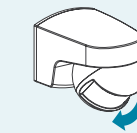
DIMENSIONS



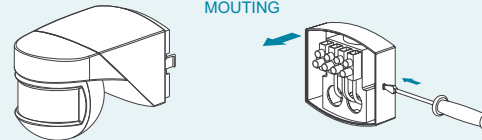
HORIZONTAL ROTATION: 180°



VERTICAL ROTATION: 45°



MOUNTING



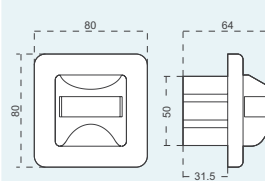
ORBIMAT

EASY INSTALLATION

It can fit into the 45 x 45 mm. box behind most light switches, it is quick and easy to install because it does not need a neutral wire to work.



DIMENSIONS



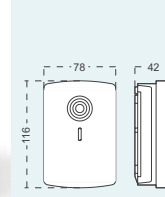
ECOMAT

RADIOFREQUENCY DETECTION

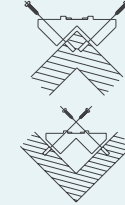
It uses radiofrequency technology to detect minor movements and can travel through surfaces such as false ceilings from plaster, cork, wood, brick, etc.



DIMENSIONS



ACCESSORY FOR CORNERS



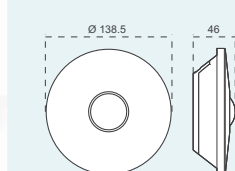
CIRCUMAT

INTERCHANGEABLE CASINGS

It is installed on the ceiling rather than being built in. Ideal for when it is not possible to build the device into the ceiling. One of the most common applications is in warehouses and garages to divide it into sections. Optional square casing.



DIMENSIONS



DICROMAT + / 2+

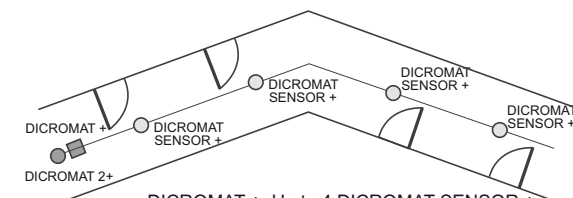
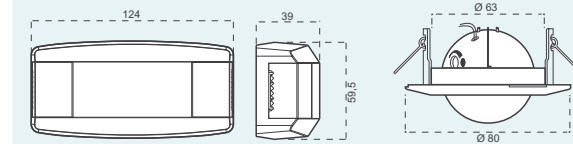
DICROMAT SENSOR +

GREATER FEATURES

There are two versions of this model. The first DICROMAT +, for one circuit, or the second DICROMAT 2+, for two circuits; they are the perfect devices for hotels and residences because you can add more sensors without having to buy the activator (DICROMAT SENSOR +), therefore it makes your installation cheaper.



DIMENSIONS



DICROMAT +: Up to 4 DICROMAT SENSOR +
DICROMAT 2+: Up to 14 DICROMAT SENSOR +

DICROMAT MINI / 2 MINI

SMALL SIZE

Because of its dimensions, this is an ideal model for medium size installations (stair landings, toilet cabinets, etc.)



DIMENSIONS

