

## LIGHTING CONTROLS

### SURFACE MOTION DETECTOR 360° INTERNAL PIR



<b>R360N-01</b>	White
<b>Diameter(mm):</b>	129
<b>Depth(mm):</b>	29
<b>Projection (mm):</b>	45
<b>Weight (Kg):</b>	0.24
<b>IP:</b>	20
<b>Warranty (Yrs):</b>	5
<b>Detection Range Diameter at 2.8 - 3m high (m):</b>	10
<b>Time delay off:</b>	10 s to 16m
<b>Lux Setting (Lx):</b>	2 to 2000
<b>Switching Capacity (W):</b>	Incandescent – 1000
	Fluorescent – 300
	LED – 150

This high quality great looking surface mount sensor has a slim profile and will contribute to the energy savings required to meet the carbon reduction targets of our buildings. Combining passive infra-red and photocell technology, it ensures the lighting comes on only when natural light alone is not enough, although the lux level setting may be set to ensure lighting and fans are activated in toilet areas. It is suitable for switching resistive or fluorescent type loads in all building types and finds applications for switching lighting in:

- Commercial offices
- Stairways
- Sheds
- Kitchens
- "Back of house" area
- Corridors
- Toilets
- Basements
- Storage rooms
- Workshops
- Garages
- Apartments communal areas

FEATURES	BENEFITS
• Injection moulded polycarbonate body	• Strong, durable and impact resistant • Less susceptible to damage
• Rear & side entry knockouts	• Easy to wire from surface cables or cables in the void
• Integral cable clamp	• Cables are clamped for safety
• Large mains terminals for 2 x 1.5mm <sup>2</sup> conductors	• Enables loop-in, loop-out for supply to other sensors • Enables 2 switch wires for additional fittings
• Cable entry grommet/seal	• Alleviates false triggering caused by dust particles or air movement across the sensing head
• Elongated fixing slots	• Simple to fix to surface
• Passive infra-red	• Ensures the light is switched on when sensor detects movement of heat • Saves energy by ensuring lighting is switched off when the area is vacated • Less likely to false trigger compared to microwave which switches on any movement
• Photocell	• Even more energy saving by only switching the lighting on if the ambient level is not sufficient
• Off delay timer 10 sec – 16mins	• 10 second setting enables walk test to ensure the sensor is operating correctly • Short time delay used for tungsten lighting • Longer time delay for fluorescent, PL, and 2D lighting
• 10m diameter sensing when mounted at 2.8 - 3m high	• Provides area sensing and can be linked to other sensors for larger areas such as long corridors of offices
• 5 year warranty	• A quality, energy efficient, long life product with no warranty form filling or internet registration required

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