Infrascan®
754SLR Series Passive Infrared
Motion Sensor with LED Floodlight

The unrivalLED
PIR motion sensor
UnrivalLED energy efficiency

The skyrocketing cost of electricity has led to energy efficiency becoming the most talked about solution for your home. Energy-efficient LED lighting devices help to save on electricity bills, and with Clipsal’s new Infrascan 754SLR Series PIR Motion Sensor with LED Floodlight, that’s just the beginning...

Perfect for porches, front and back yards, pool areas, the Infrascan 754SLR Series is equipped with passive infrared sensors that detect moving cars, people and pets — automatically switching the lights on when movement is detected. The light is also automatically switched off after a defined period of time, so that it is never on longer than required. Not only convenient, Infrascans also provide security by detecting unwanted intruders on your property.

This superior motion sensor comes with an integrated long-life LED floodlight, which uses 90 per cent less energy compared to the more traditional 150 watt halogen equivalent. This fully-adjustable floodlight can be swivelled horizontally and tilted vertically, to direct the light source exactly where it’s required. Robust housing and a UV-resistant cover will ensure that the floodlight will perform consistently, year after year.

And “energy efficiency” doesn’t mean that you’ll be light on light. The 198 long-life LEDs that make up the floodlight, produce a combined luminous flux of 720 lumen — ensuring that you’ll have adequate illumination on your property, only when you need it.

The Infrascan 754SLR Series with LED Floodlight sets a new benchmark for the Australian market, by guaranteeing superior sensing and LED performance, with an extremely low energy requirement.
Available in black or white, this aesthetically-pleasing motion sensor includes adjustable view orientation and sensing range. These features will allow you to target your designated lighting area, ensuring that your lights come on only when they are supposed to, e.g. avoiding detecting movement on your neighbour’s property. Optional adhesive zone mask foils can also be used to assist masking-out unwanted detection areas.

The Infrascan 754SLR Series PIR Motion Sensor with LED Floodlight provides directional flexibility for perfect illumination on your property.

**Infrascan Features and Benefits**

- 90% more energy efficient than 150W halogen floodlight equivalent
- LED floodlight with adjustable orientation
- Brilliant illumination achieved by long-life LEDs in cold white
- UV-resistant floodlight cover
- Adjustable sensing range of 2m–14m
- 120° field of view (adjustable orientation)
- Adjustable timer
- Adjustable lux level setting
- IP44 protection rating
- 3-wire design
- Available in both black and white
- 5-year functional warranty
Technical specifications

### Infrascan®
754SLR Series Passive Infrared Motion Sensor with LED Floodlight

#### Technical Feature Catalogue Number: 754SLR

<table>
<thead>
<tr>
<th>Technical Feature</th>
<th>Catalogue Number: 754SLR</th>
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</thead>
<tbody>
<tr>
<td>Colour Options</td>
<td>Black (BK), White Electric (WE)</td>
</tr>
<tr>
<td>Dimensions (H x W x D)</td>
<td>210mm x 175mm x 180mm</td>
</tr>
<tr>
<td>IP Rating</td>
<td>IP44 (Protection Class I)</td>
</tr>
<tr>
<td>Wiring Configuration</td>
<td>3-wire design</td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>240V~ 50Hz</td>
</tr>
<tr>
<td>LED Floodlight Output</td>
<td>198 x LEDs, approximately 12W</td>
</tr>
<tr>
<td>LED lifespan</td>
<td>50,000h (approx. 30 years when activated for 4.5h per day)</td>
</tr>
<tr>
<td>Light colour</td>
<td>Cold white (approx. 6700K)</td>
</tr>
<tr>
<td>Projected area</td>
<td>294cm² (front view), 160cm² (side view)</td>
</tr>
<tr>
<td>Luminous flux</td>
<td>720lm</td>
</tr>
<tr>
<td>Adjustment range</td>
<td>180° horizontal, 120° vertical</td>
</tr>
</tbody>
</table>

Additional Switching Capacity
- Compact fluorescent lamps: 20W x 4 max.
- Fluorescent lamps: 400W
- Incandescent lamp: 800W

For further details and derating, please refer to the installation instructions.

Field of View
- 120°, adjustable view orientation

Sensor Technology
- Passive infrared sensor

Sensing Range
- 2m – 14m

Time Setting
- 8 seconds – 35 minutes

Lux Level Setting
- 2 – 2000 lux

Warranty
- 5-year functional warranty

Sensing Range and Dimensions

For more information about Clipsal Infrascan PIR Motion Sensors, contact your nearest Clipsal Representative, electrical wholesaler or visit clipsal.com

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