

# Genie Lite

*The outdoor PIR movement detector*



DETECTORS



## *Features*

- *Automatic surveillance*
- *Four different detection patterns*
- *Additional light timer*
- *Ideal for domestic/commercial applications*
- *Corner or surface mounting*
- *Built-in adjustable ambient light sensor*
- *Sensitivity control for range adjustment*

## *Benefits*

- *Operates existing lights*
- *Reduces unwanted detections*
- *Easy to install*
- *Saves energy*

# Genie Lite

DETECTORS



## Saves energy



## Lighting Timer

## Security



## Deters intruders

## Safety



## Reduces accidents

The Genie-Lite is a universal, all purpose indoor/outdoor light controller that is ideal for residential and commercial applications.

The Genie-Lite sophisticated PIR sensor deters intruders, welcomes guests and saves energy. It automatically switches lights on/off when someone enters the detection area.

The Genie-Lite easily adapts to existing light fixtures, meaning that no special installations are required. Its adjustable lighting timer and sensitivity control provide for energy savings. A built-in photocell inhibits operation during daylight hours.

The Genie-Lite provides the installer with maximum flexibility. Its sensor head can be rotated 180° horizontally and 30° downward, permitting optional coverage. In addition, the Genie-Lite is easily mounted on surfaces and in corners without special accessories or brackets.

The Genie-Lite is the optimum indoor/outdoor lighting control PIR.

## Additional features

- Multiple lights can be operated by a single unit.
- Switching capacity 8 A max. @ resistive load, 5 A max. @ inductive load.
- Easily accessible adjustments.
- Sensor head can be rotated  $\pm 90^\circ$  horizontally and  $30^\circ$  downward for optimum pattern coverage.
- Variety of detection patterns - reducing unwanted detections.
- Built-in adjustable ambient light sensor for energy saving, including a photocell which inhibits operation during daylight hours.

## Specifications

### GENERAL

**Detection method:** Passive infrared

**Operation voltage:** 120 VAC to 230 VAC, 50/60 Hz

**Switching Capability:**

8A / 230 or 120 VAC ( $\cos \theta = 1$ )

5 A / 230 or 120 VAC ( $\cos \theta = 0.4$ )

**Light-on timer:** 4 seconds to 5 minutes, adjustable

**Photocell:** Full dark to full daylight, adjustable

**Detection range control:** Full to half range, adjustable

### OPTICAL

**Detection patterns:** Four detection patterns are available.

**GL-1:** Wide angle  $90^\circ$ : Provides 34 beams in 3 detection layers with maximum coverage area of 12 x 12 m (40 x 40 ft).

**GL-2:** Long range: Provides 3 narrow angle corridor pattern with maximum coverage area of 3 x 27 m (10 x 90 ft).

**GL-3:** Ultra-wide angle  $145^\circ$ : Provides 34 beams in 3 detection layers with maximum coverage area of 12 x 18 m (40 x 60 ft).

**GL-4:** Pet alley  $90^\circ$ : Provides 14 beams in a single layer with maximum coverage area of 13.5 x 13.5 m (45 x 45 ft).

### PHYSICAL

**Operating temperature:**  $-20^\circ\text{C}$  to  $50^\circ\text{C}$  ( $-4^\circ\text{F}$  to  $122^\circ\text{F}$ ).

**Weight:** 254 gr (8.2 oz)

**Dimensions:** (H X W X D):

10.9 x 8.7 x 12.2 cm (4-5/16 x 3-7/16 x 4-13/16")

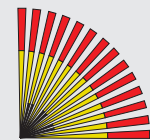
**Color:** White

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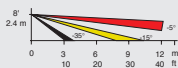
## Genie Lite lenses

**GL-1 Wide Angle**  
Maximum coverage  
40 x 40 ft (12 x 12 m)

TOP VIEW

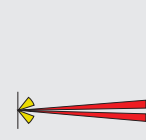


SIDE VIEW

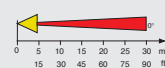


**GL-2 Long Range**  
Maximum coverage  
10 x 90 ft (3 x 27 m)

TOP VIEW

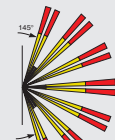


SIDE VIEW

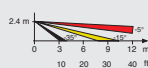


**GL-3 Ultra-Wide Angle**  
Maximum coverage  
40 x 60 ft (12 x 18 m)

TOP VIEW

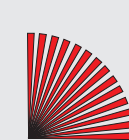


SIDE VIEW

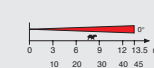


**GL-4 Pet Alley**  
Maximum coverage  
45 x 45 ft (13.5 x 13.5 m)

TOP VIEW



SIDE VIEW



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**Visonic Ltd**

Committed to Advancing Security