



LIGHT AND MOTION SENSOR 360° II

sensors

FL-LS/MS 360° II



product overview

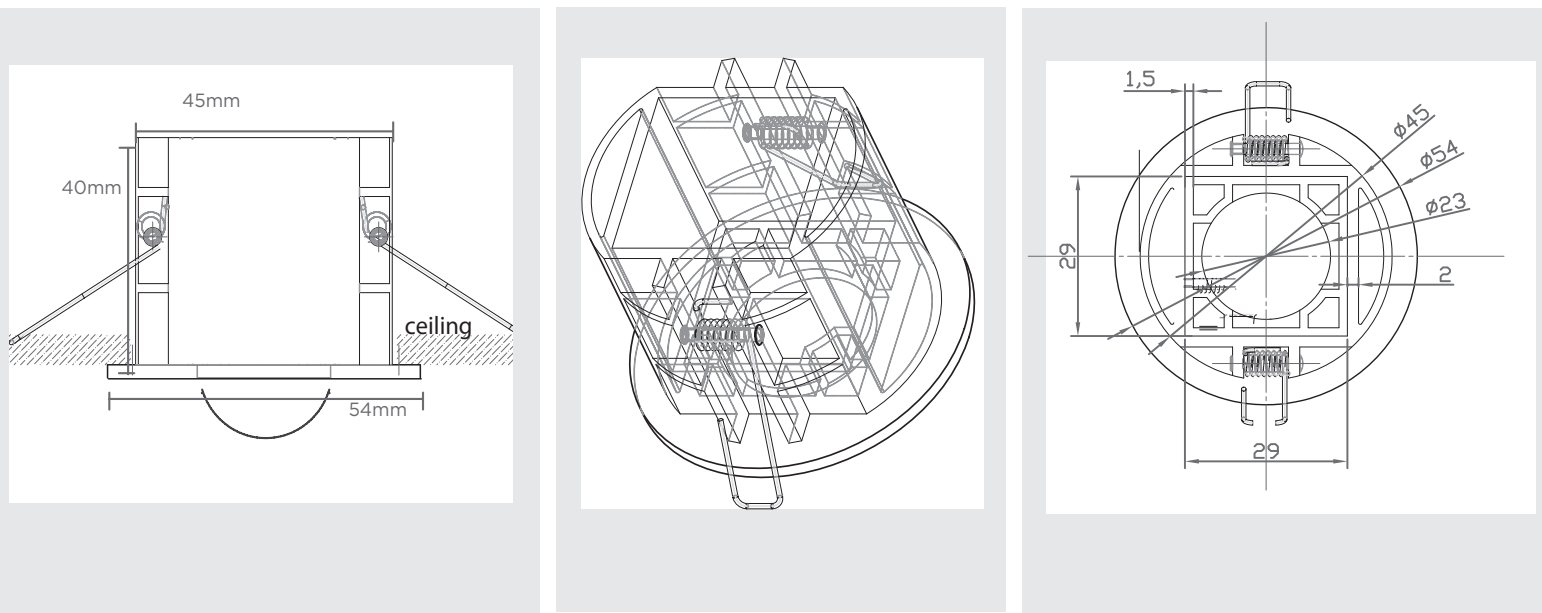
description

With sensors included as part of a Vantage System homeowners can enjoy the full benefits of an automated home. Tasks that used to require toggling a light switch or pressing a button can now be triggered simply by entering a room or by changes in ambient daylight.

The Vantage Flush Mount Sensor enhances the abilities of a Vantage System by using light and motion to trigger tasks. Why pay for electricity to light an empty room? Motion sensors also offer the perfect solution to conserve energy by automatically dimming or completely shutting off lights in unoccupied areas of the home.

operation

Inconspicuously mounted in either the ceiling or wall, the 360° detection compact dome lens senses human body motion to trigger lights, security cameras or other devices connected to the Vantage System. Using a process known as “daylight-harvesting” lighting levels can be maintained at a pre-determined and consistent level by measuring light in a specific area and relaying the information back to the Vantage System. With this information the Vantage System uses ambient light in combination with the lighting system in the home to maintain the ideal illumination levels.



highlights

- Excellent motion detection capability
- 360° detection compact dome lens
- Low operation power consumption
- TTL open collector digital output
- Reports measured light level
- Provides light harvesting for energy conservation
- Connects to the auxiliary input on the back of Vantage keypad stations
- Mounts without screws
- Compliments any décor with an ultra-slim, inconspicuous design
- Installs up to 30m from the host keypad
- Adapts to match any room by painting the trim
- Built-in photocell sensor, gives frequency output
- Ceiling / wall mountable device.

features

- Infrared Sensor Dual element pyroelectric
- Light sensor CdS photocell, frequency output
- Operation power (Vcc) 12VDC
- Current drain 5mA
- Signal output format TTL open collector
- Detection range @ 25° C Ceiling: 8m @ 2,5m ceiling high
- (26,2ft wide @ 8,2ft high)
- Mounting height Ceiling: 1,8 ~ 5,0m (6 ~ 20ft)
- Detection zones 38 zones
- Optical lens Fresnel lens, 21-mm dome
- Detectable speed 0,15 ~ 3m/sec
- Op. temperature -20°C ~ 60°C (4°F ~ 140°F)
- Dimensions (visible) Ø 54 mm, thickness 2mm
- Cut-out dimensions Ø 45 mm, depth 40mm

specifications

Dimensions (HWD)

40mm x 45mm x 54mm
0.15in x 0.17in x 0.21in

General Specifications

Model	FL-LS/MS 360° II
Mounting Height Ceiling:	1,8 - 5,0m (6 - 20ft)
Wall:	1,2 - 1,8m (4 - 6ft)
Current Drain	5 mA
Cut-out Dimensions	Ø 45 mm, depth 40mm
Detectable Speed	0,15 - 3m/sec
Detection Range @ 25° C Ceiling:	8m @ 2,5m high
Detection Zones	38 zones
Dimensions (Visible)	Ø 54 mm, thickness 2mm
Infrared Sensor	Dual element pyroelectric
Light Sensor	CdS photocell, frequency output
Operation Power (Vcc)	12VDC
Operation Temperature	-20°C - 60°C (4°F - 140°F)
Optical Lens Fresnel lens,	21-mm dome
Signal Output Format	TTL open collector
Signal Output Time	1 - 2,5 seconds
Warm-up Time	Approx. 50 seconds

System Compatibility

InFusion