INFRATRONIC · SMART LIGHTING

Pulse.

Smart radar motion sensor for connected lighting control

Pulse is a smart radar motion sensor for connected lighting control. It detects motion with 5.8 GHz radar up to 8 m, communicates with neighbouring luminaires over Bluetooth Mesh and is DALI-2 / D4i compatible.



- 5.8 GHz radar
- Bluetooth Mesh
- DALI-2 / D4i compatible
- 8 m range

Key features.

01 Radar motion detection

5.8 GHz radar with a detection range of up to 8 m.

02 Bluetooth Mesh

Communication between luminaires, with trigger forwarding to neighbouring luminaires.

03 DALI-2 / D4i

Compatible with DALI-2 and D4i.

04 Twilight sensor

Daylight-based switching.

05 Dimming and scenes

Configurable hold time, fade time, dimming scenes and schedules.

06 Remote configuration

Via Bluetooth or a gateway, with occupancy estimation through networked sensors.

Specifications.

Detection	5.8 GHz radar motion detection
Range	Up to 8 m
Communication	Bluetooth Mesh between luminaires
Compatibility	DALI-2 / D4i
Daylight	Twilight sensor for daylight-based switching
Configuration	Remote, via Bluetooth or gateway
Dimensions	37 × 35 × 21 mm
Mounting height	Up to 4 m
Installation	Inside luminaires behind plastic or glass, two-pin connector
Versions	Also available as ceiling recessed version

Key benefits

- Reduces unnecessary lighting and energy consumption
- Enables connected intelligent lighting systems
- Nearly invisible integration in fixtures
- Supports efficient and comfortable lighting control

Typical applications

- Corridors
- Stairwells
- Tunnels
- Bicycle storage areas
- Public and commercial spaces



Interested in Pulse?

Want to order Pulse or need more information? Get in touch and we will get back to you as soon as possible.

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