

Features

Powered from 12-24Vdc aux supply
Inbuilt microwave and light sensor
Configurable microwave sensitivity
Compatible with Zhaga (Book 18)
Wireless support for IEC62386-104 over Thread®



Converts luminaires

Converts 0-10V luminaires to wireless smart luminaires



Long range sensing

8m range when mounted at 10 metres.



IEC62386-104 over Thread®

Works with products supporting IEC 62386-104 over Thread®



Compatible

Wireless control system solution for luminaires with Zhaga Book 18 socket.



Product range

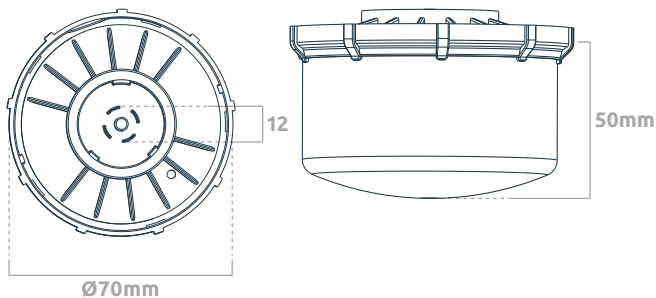
Order code	Description
zc-z10-mw-ulr	Zhaga long range microwave sensor and wireless 0-10V control interface

Features

- Powered from 12-24Vdc aux supply
- Supports IEC 62386-104 over Thread®
- Inbuilt microwave and light sensor
- Configurable microwave sensitivity
- Compatible with Zhaga (Book 18)
- A wireless control system solution for 0-10V luminaires
- Standalone configuration with zencontrol express

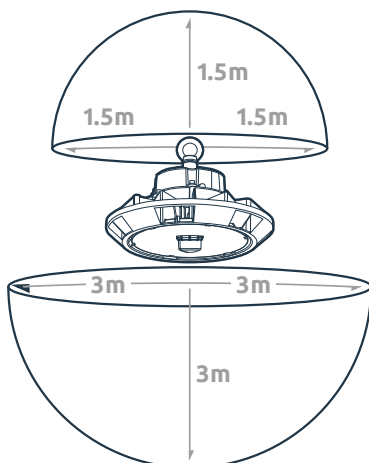
Dimensions

Dimensions W Ø50 / H 70 mm



Installation requirements

- For optimal detection performance, mount the sensor at a height of 2.7 m. Ensure there is a clear space of 1.5 m on each side (tangential direction) and 1.5 m in front of the sensor (radial direction).
- Avoid installing the sensor near metallic surfaces, shelving, or other fixed obstructions that may interfere with detection accuracy.
- This guidance applies to both ULR and non-ULR versions.



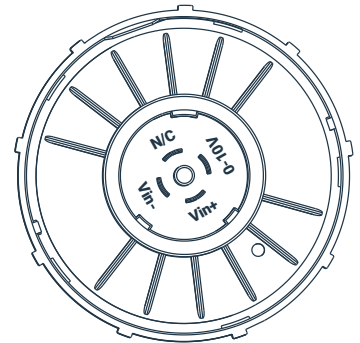
Specifications

Supply voltage	12-24Vdc	
Supply current	<50mA	
Control system	IEC62386-104 over Thread®	
Operating temperature	-20 to 55°C	
Material	PC	
Classification	Class III	
Mounting	Zhaga (Book 18) 40mm	
Ingress protection	IP66	
Compliance standards	IEC 61347-2-11	IEC 62386-104
	IEC 60950-1	IEC 62386-103
	EN 55015	EMC-2004/108/EC
	EN 55022	LVD-2006/95/EC

Wiring

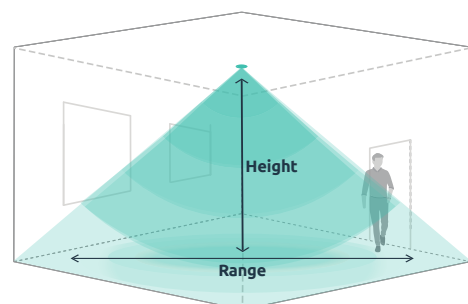
Pin function

- 1 DC+ (12-24V)
- 2 0-10V Dim- / DC-
- 3 Not used
- 4 0-10V dim+



Detection pattern

Mounting height 3 - 15 m **Range** 8 m (mounted at 10 m)



Notice

Download the **zencontrol** Android app to configure your device.



Standalone
zencontrol
Express



Full control
zencontrol
Commissioning