REMOTICOM

ZMS200

REMOTICOM | ZMS200 | ZHAGA MOTION SENSOR | BLUETOOTH MESH | D4i

ZHAGA MOTION SENSOR.

The ZMS200 can build a Bluetooth mesh network with other devices from the ZMS and ZLC family so that when motion is detected by a ZMS, the other devices also receive the signal to change the lamp level. This makes it possible to switch lamps and apply a follow-me principle. Think for example of a (fast) cycle path where the light will follow the cyclist like a "light train" or "light bubble".

The Zhaga Motion Sensor Bluetooth mesh is a motion sensor based on PIR technology. The ZMS200 settings can be adjusted with the ZMS200 app. A mesh network can also be formed with other devices from the ZMS and ZLC families. This mesh network allows a ZMS node to signal other ZMS nodes when motion is detected.
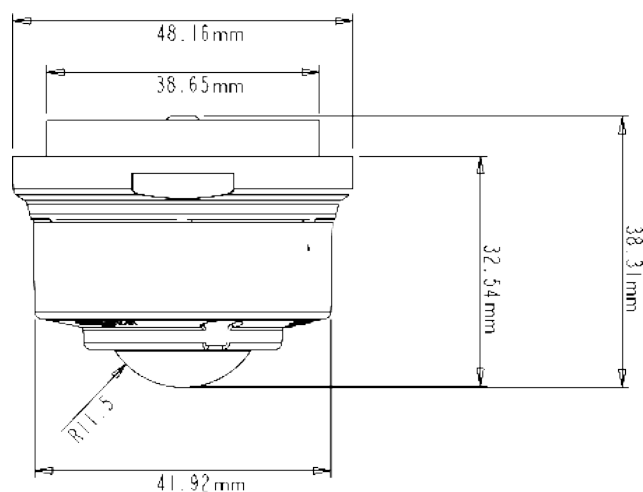
The ZMS200 is capable of adjusting the lighting intensity
adjust if a passerby is detected. The duration and light intensity is adjustable via the ZMS200 app. Bluetooth mesh technology allows a minimum distance of 90 metres between 2 nodes.

The ZMS200 works both as a standalone device, where it directly controls the luminaire, or as a DALI sensor, where it seamlessly integrates with other DALI-2/D4i certified products. (DALI 1 is not supported).

ADVANTAGES.

- ✓ Sustainable, energy- and cost-saving solution
- ✓ Plug and Play system
- ✓ DALI-2 protocol, D4i Type B
- ✓ Simple solution to dumb down a DALI-certified luminaire
- ✓ Local mast configuration with smartphone app
- ✓ Secure configuration via Bluetooth mesh
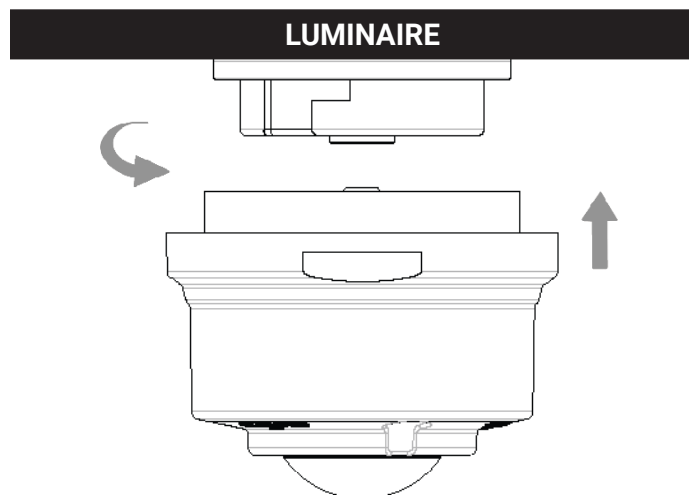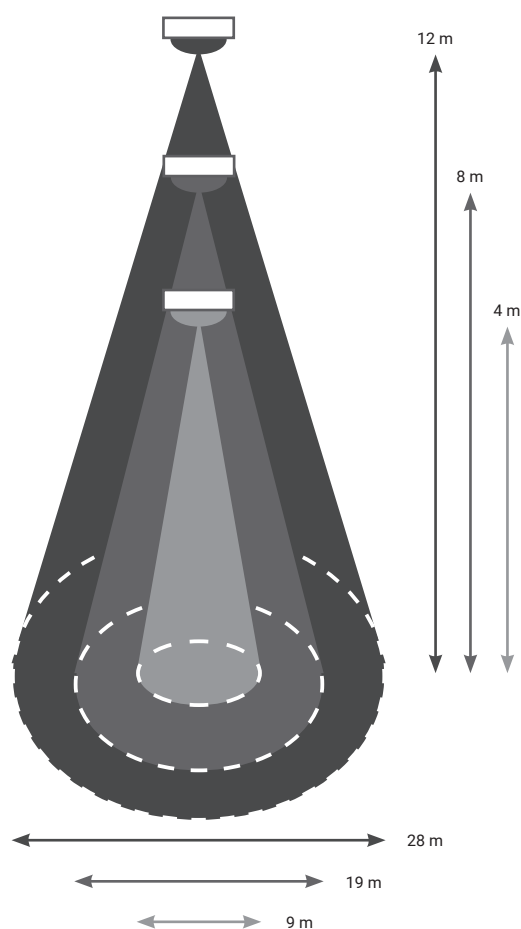- ✓ Wireless range of at least 90 metres

CONNECTS THE FUTURE.

Dimensions ZMS200.

SCALE 1/1

Installation ZMS200.

When fitted, press lightly and then turn 20° clockwise.

LUMINAIRE

Detection zone PIR.

	Detection zone dimensions	
Fastening height (m)	L (m)	B (m)
4	11	9
6	17	14
8	22	19
10	28	23
12*	33	28

*: region further than 12 m from the sensor
away shows lower detection reliability

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PRODUCT DATA ZMS200.

Physical information	
Dimensions	Diameter 48,16 mm, hoogte 32,54 mm
Weight	40 gram
Colour	RAL
Connector	Zhaga Book 18

Factory settings	
Dim level	20%
Max level	100%
Burn time	3 minutes

Electrical information	
Input voltage	24V interface of the DALI 2 driver
Number of drivers to be controlled per ZMS200	1
Average power consumption standby	7,5 mA
Average power standby	190 mW
Peak power	39 mA

Bluetooth mesh	
Frequency	2.4GHz
Output power	Max. +8dBm
Maximum mast height	12 m

ZMS200 app	
Functionality	Mesh network configuration
Diagnostics	Retrieving system information
Node configuration*	• Minimum & maximum light intensity (0% - 100%) • Transition time
Operating system	• Android (iOS at a later stage)

* Settings applied only in standalone mode.

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PRODUCT DATA ZMS200.

Environment & Quality	
Operating temperature	-20 °C to 50 °C
Humidity	10% to 90% non-condensing
Storage temperature	-20 °C to 50 °C
Storage humidity	5% to 90% non-condensing
IP class	IP66
Certification	CE, D4i (In version)
Digital connection	DALI D4i (In production)

Commercial	
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