

GDS SENSOR

Adaptive lighting sensor

The new GDS Sensor allows you to implement smart solutions for adaptive lighting in a simple and effective way.

Designed for the Zhaga interface, it can be connected to the luminaria in a few seconds, ensuring intelligent control of street lighting and adjustment of the luminous flux as required. The sensor receives information from the node in order to minimize energy consumption and maintenance costs. There are two versions: from 0 to 6 meters in height and from 6 to 12 meters in height.



GENERAL FEATURES

Mesh network	Each street lamp can communicate with all the other lamps in the network. • Self-configurable mesh network • 2,4 GHz standard • AES 128 Bit
On-site management	Maximum flexibility in managing and controlling information directly on site, using simple, intuitive and customizable software tools that allow you to configure and dim each individual light or group of lights
Remote management	Highly precise information regarding the current and status of the lamps that make up the lighting network. The network can be monitored and configured remotely via the cloud to ensure simple and fast management, with a reduction in maintenance costs and an improvement of public services through continuous control of lighting
Tilt sensor	Possibility of detecting movements along the X - Y - Z axis. In the event of a collision with the lighting pole, a message will be sent regarding the change in inclination of the lamp, thus speeding up inspection and repair times
Brightness sensor	Possibility of turning the light on and off according to the set brightness value
Motion sensor	Dynamic lighting thanks to the integrated sensor, which records and detects similar movements within an area of lighting, increasing the luminous flux and sending a message to the adjacent luminaire, which in turn will increase the flux before it is even reached by the pedestrian or vehicle
Temperature sensor	Continuous monitoring of the status of the lights in order to act promptly and resolve any problems in advance

