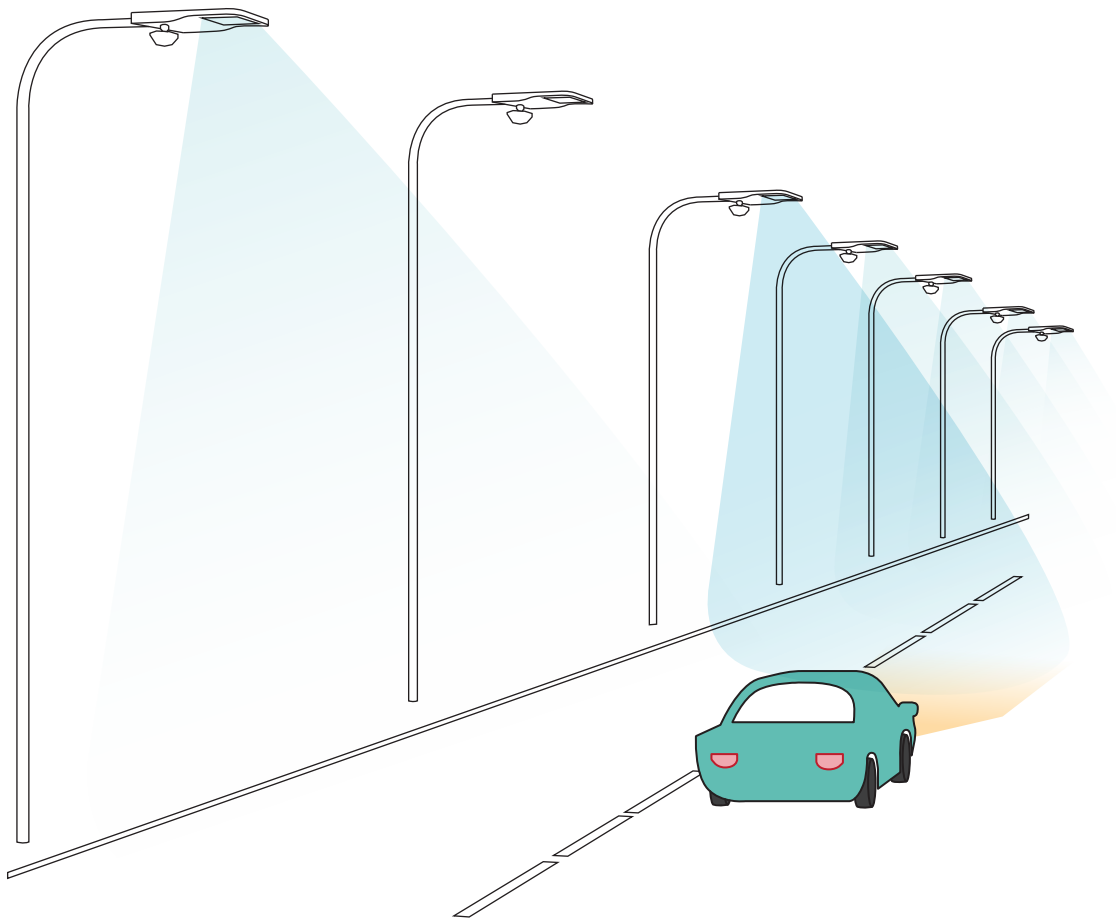
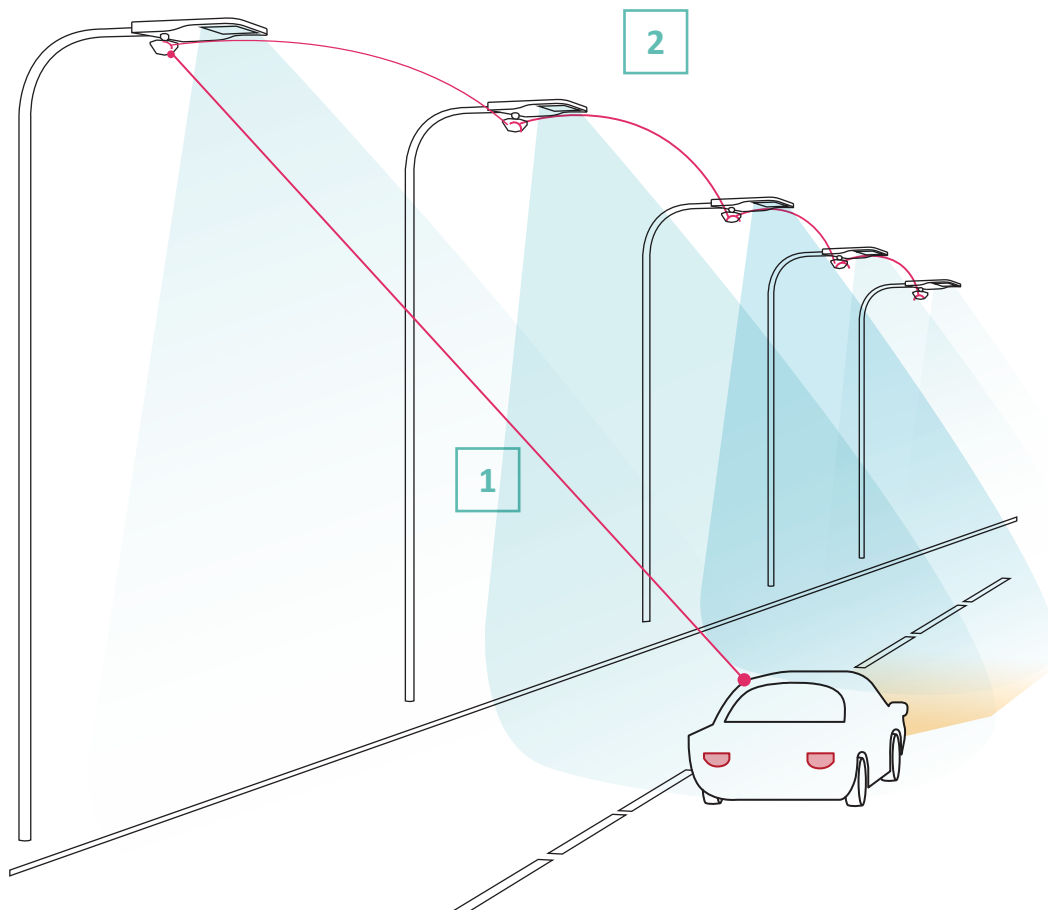


Street lighting control system with radar type sensors



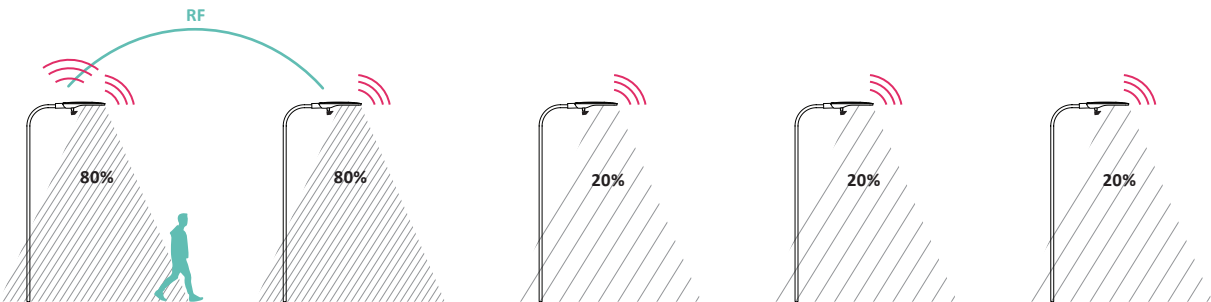
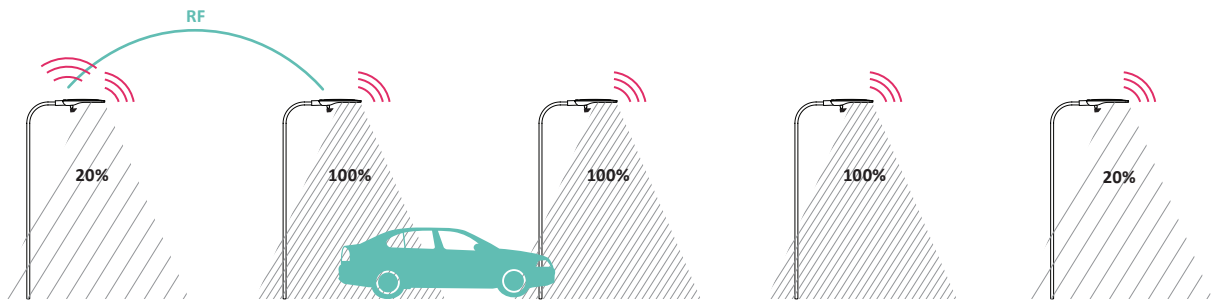
Intelligent motion sensing control system that automatically activates when a car or pedestrian is noticed in the area. If there is no activity in the area, the light is automatically adjusted to an optimized minimum light level. Expansion of functionality options using the multifunction radar technology.

Citintelly
LIGHT FOR THE SMART CITY



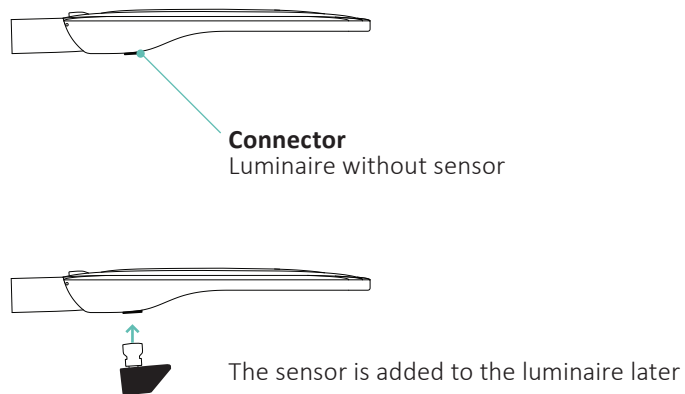
- 1** Detects motion, speed and direction of vehicle
- 2** Forwards information to next luminators with command to turn on light
- 3** **Additional functionality** which is counting vehicles and pedestrians

Light level adjustment according to vehicle and pedestrian traffic flow



Benefits

- 1 Significant energy savings - light is provided only where it is needed
- 2 Luminaire controller uses Zhaga book 18 standard socket. One or multiple sensors can be integrated into Citintelly Zhaga luminaire controller.
- 3 Additional functionality which is counting vehicles and pedestrians

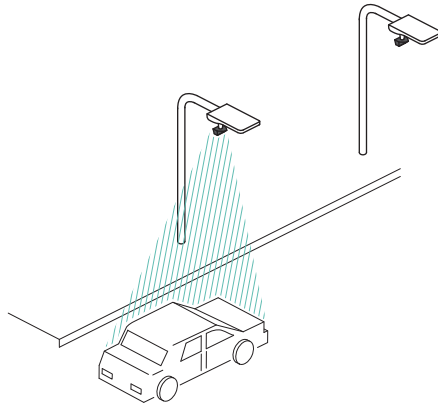
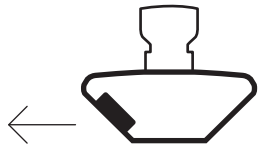


Sensor technical parameters

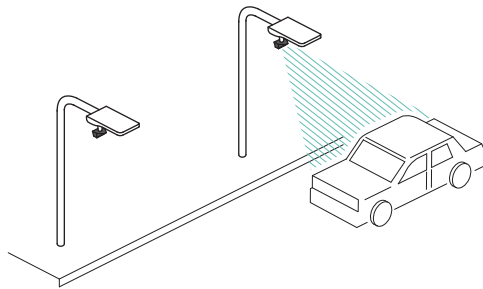
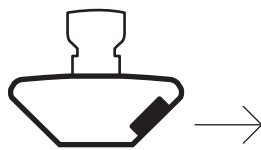
Tracked data	Movement, direction, distance, speed, presence
Working frequency	24GHz
Operating temperature	-40°C to +85°C
Capture distance	Up to 40m
Operating angle	43° horizontally and 116° vertically
Protection level	IP66
Management	Both local and remote
Operation	Autonomous, regardless of the external internet network
Socket	Zhaga book 18
LED driver control interface	DALI/DALI2/1-10V/PWM
RF network connection	868 MHz, IEEE 802.15.4 standard
GPS	Integrated

Sensor options / versions

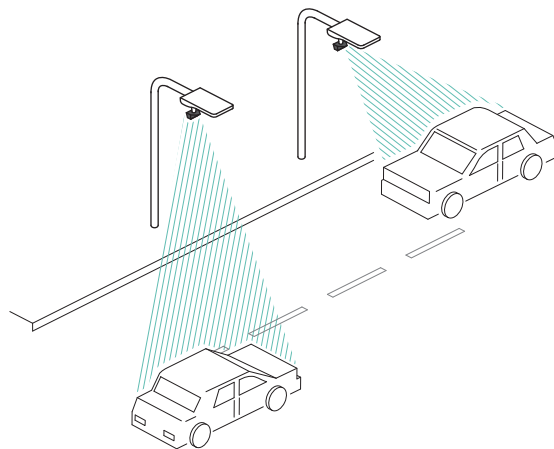
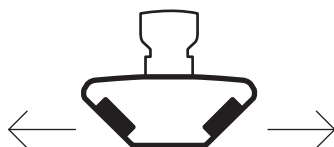
1 Sensor direction left



2 Sensor direction right



3 Sensor direction left and right



Sensor options / versions

4

Car counting
Sensor direction down

