

lix.solo

lix.solo offers our well-established radar-based motion detection of pedestrians, cycles and vehicles. Our D4i-compatible sensor can be used in conjunction with any D4i-compatible light management system.

lix.solo offers radar-based motion detection of pedestrians, cycles and vehicles with integrated dimming control and wireless network.

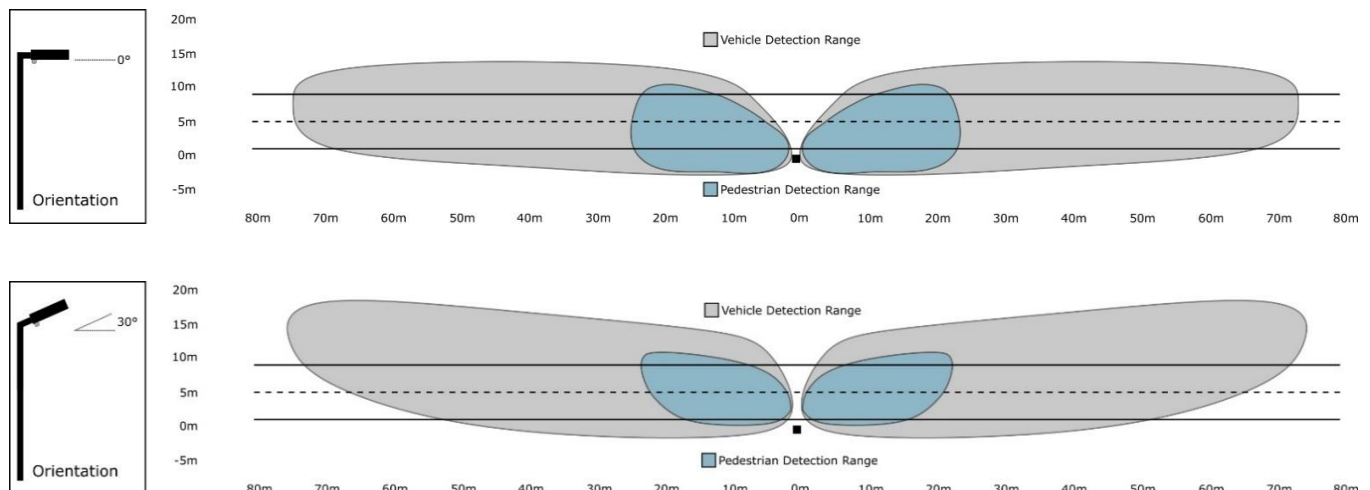


All Advantages at a Glance

Standard-compliant lighting whenever needed	Reliable long-range detection, even at high and low temperatures
Reduction of energy consumption, CO ₂ emissions and light pollution	Increased lifetime of LED modules and drivers
Plug-and-play solution - minimal installation effort through the Zhaga interface	Movement-based or traffic-volume-based modes
Works in conjunction with any D4i-compatible light management system	Made in Austria

Detection Area

Sensor height: 6 m



Technical Specifications

System description	Radar-based motion detection of pedestrians, bikes and vehicles with integrated dimming control and wireless connectivity
Sensors	2 radar sensors, 24 GHz
Speed detection range	Moving objects from 1 to 110 km/h
Detection area	Pedestrians & bikes up to 25 m, cars up to 70 m, trucks & buses over 100 m, in both directions
Mounting	Directly at the luminaire via the downward-facing Zhaga-base (Book 18 Ed. 3)
Mounting height	4 to 8 m
Horizontal alignment	0° to +30°
Dimming control	DALI
Configuration	Via Windows © App and USB dongle
DALI Device Type	Occupancy Sensor (Input Device) acc. to DALI Part 303 Device Type B acc. to DALI Part 351 Warning: Sensor works only in conjunction with an application controller type A (DALI Part 351), no standalone operation!
Supply voltage	24 VDC via Zhaga-base (Book 18 Ed. 3) / Acceptable voltage range: 10 to 30 VDC
Pin allocation	Pin 1: 24 VDC Pin 2: GND Pin 3: DALI Pin 4: unassigned (optional open-collector output)
Power consumption	0.9 W max.
Operating conditions	-20°C to +60°C
Housing	Polycarbonate, UV-stabilized, IK09, IP66
Dimensions	Diameter: 80 mm / Height: 65 mm
Weight	105 g
Certifications & Standards	CE EN 55032:2012 EN 61547:2009 EN 62386-101 EN 62386-103 EN 62386-303 DALI Part 351