

## lix.one solo

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

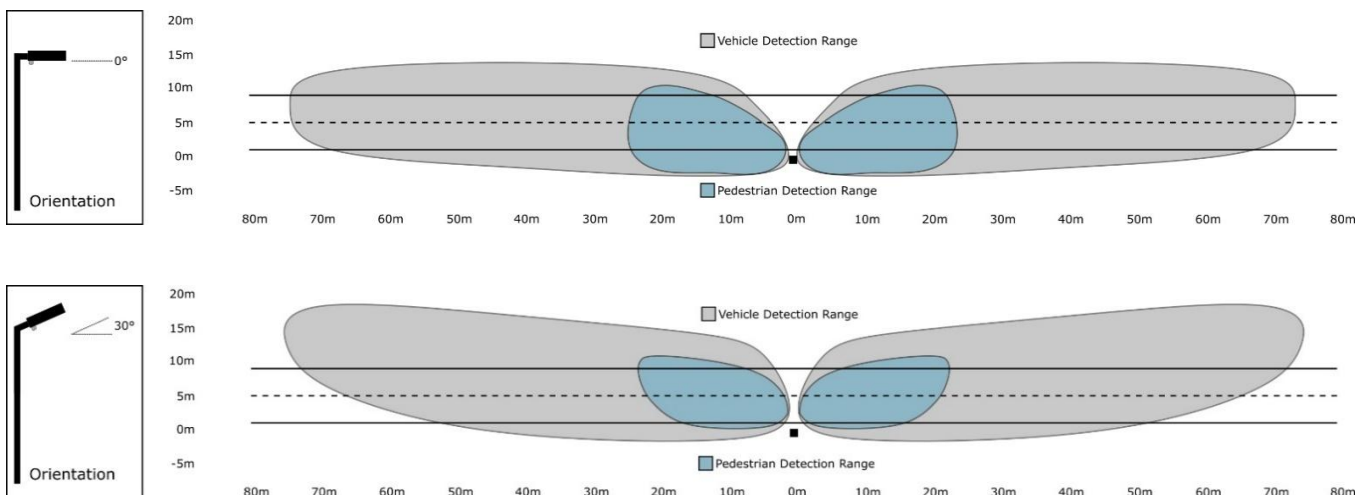


## All Advantages at a Glance

Standard-compliant lighting whenever needed	Reliable long-range detection, even at high and low temperatures
Reduction of energy consumption, CO <sub>2</sub> 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 Europe

## Detection Area

Sensor height: 6 m



## Technical Specifications

<b>System description</b>	Radar-based motion detection of pedestrians, bikes and vehicles
<b>Sensors</b>	2 radar sensors, 24 GHz
<b>Speed detection range</b>	Moving objects from 1 to 110 km/h
<b>Detection area</b>	Pedestrians & bikes up to 25 m, cars up to 70 m, trucks & buses over 100 m, in both directions
<b>Mounting</b>	Directly at the luminaire via the downward-facing Zhaga-base (Book 18 Ed. 3)
<b>Mounting height</b>	4 to 8 m
<b>Horizontal alignment</b>	0° to +30°
<b>Dimming control</b>	DALI
<b>Configuration</b>	Via Windows © App and USB dongle
<b>DALI Device Type</b>	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!
<b>Supply voltage</b>	24 VDC via Zhaga-base (Book 18 Ed. 3) / Acceptable voltage range: 10 to 30 VDC
<b>Pin allocation</b>	Pin 1: 24 VDC Pin 2: GND Pin 3: DALI Pin 4: unassigned (optional open-collector output)
<b>Power consumption</b>	0.9 W max.
<b>Operating conditions</b>	-20°C to +60°C
<b>Housing</b>	Polycarbonate, UV-stabilized, IK09, IP66
<b>Dimensions</b>	Diameter: 80 mm / Height: 65 mm
<b>Weight</b>	105 g
<b>Certifications &amp; Standards</b>	CE EN 55032:2012 + AC:2016 + A11:2020 + A1:2020 EN 61547:2023 2014/53/EU, RED EN 62386-101 EN 62386-103 EN 62386-303 DALI Part 351