

lix.pure solo

Our D4i-compatible sensor can be used in conjunction with any D4i-compatible light management system.

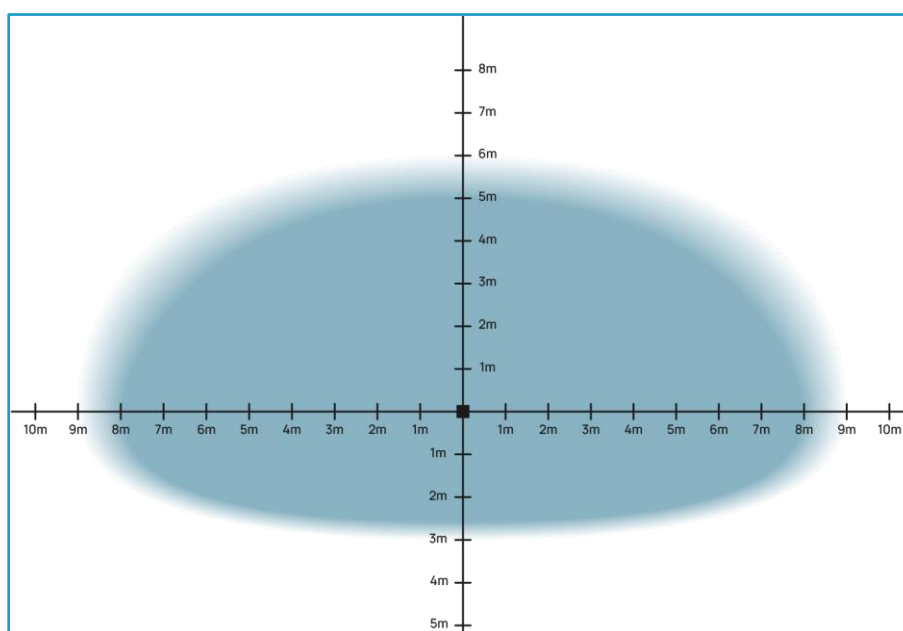
lix.pure solo is our compact, D4i-compatible radar sensor for cycle paths, footpaths, car parks and slow-moving traffic. Thanks to simple mounting on the downward-facing Zhaga base directly on the luminaire, dynamic detection is particularly easy.



All Advantages at a Glance

Standard-compliant lighting whenever needed	Reliable 360° 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	Works in conjunction with any D4i-compatible light management system

Detection Area



Mounting height: 5 Meter

Technical Specifications

System description	Radar-based motion detection of pedestrians, bikes and vehicles
Sensor	radar sensor, 24 GHz
Speed detection range	Moving objects from 1 to 65 km/h
Detection area	Elliptical detection area below the sensor
Mounting	Directly at the luminaire via the downward-facing Zhaga-base (Book 18 Ed. 3)
Mounting height	Recommended light spot height: 4 to 8 m
Dimming control	DALI Part 351 Type B, D4i-ready
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	0.6 W max.
Operating conditions	-30°C to +85°C
Housing	Polycarbonate, UV-stabilized, IK09, IP66
Dimensions	Diameter: 80 mm / Height: 39 mm
Weight	66 g
Certifications & Standards	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