

lix.pure SLC

lix.pure SLC offers radar-based motion detection of pedestrians, bicycles and vehicles with integrated dimming control and wireless network.

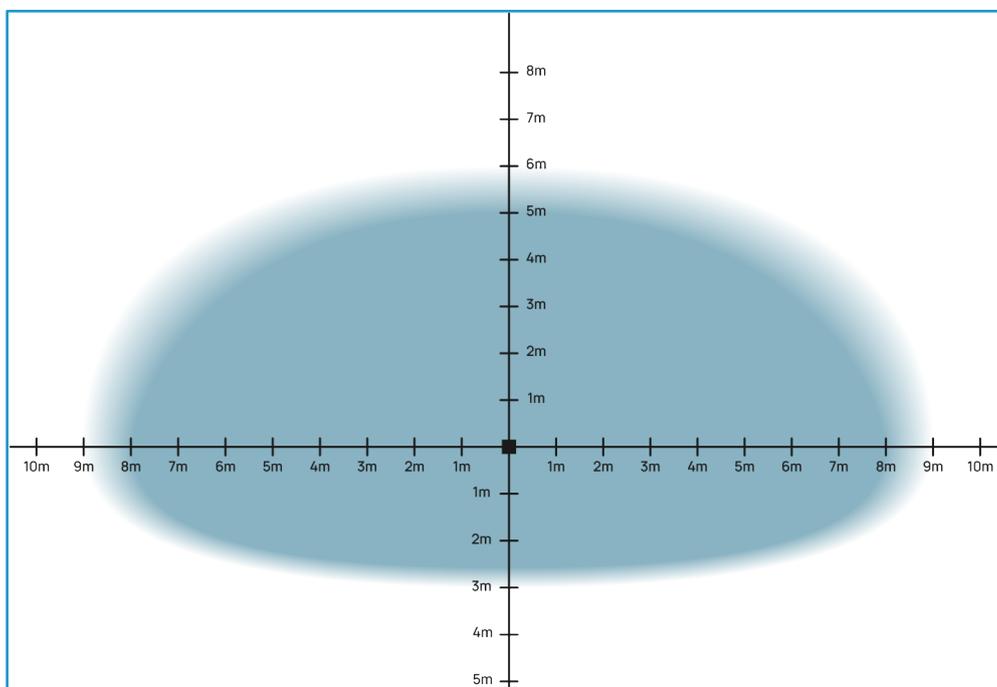
This sensor is a compact plug-and-play system for foot and cycle paths, parking lots and slow traffic. Simple attachment at the downward-facing Zhaga socket makes dynamic lighting control particularly easy.



All Advantages at a Glance

Reliable detection, even at high and low temperatures	Full integration into esave's light management system
Plug-and-play solution - minimal installation effort through the Zhaga interface	Easy configuration, freely configurable lighting scenarios
Increased lifetime of LED modules and drivers	Autonomous operation without current costs
Reduction of energy consumption, CO ₂ emissions and light pollution	Optional cloud-based web interface for configuration, monitoring and statistics

Detection Area



Mounting height: 5 meters

Technical Specifications

System description	Radar-based motion detection of pedestrians, bikes and vehicles with integrated dimming control and wireless connectivity
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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-socket (Book 18 Ed. 3)
Mounting height	Recommended light spot height: 4 to 8 m
Dimming control	DALI Part 351 Type A, D4i-ready
Color temperature control and color control	DALI DT6, DALI DT7, and DALI DT8 (Tc Mode & RGBW Mode)
Configuration & Management	Via Windows © App and USB dongle or optionally via gateway and web platform
Wireless network	Wireless mesh network, 2.4 GHz, IEEE 802.15.4, built-in antenna, 100% esave-compatible
Connectivity range	Up to 150 m in urban areas, up to 300 m in open field
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
Power consumption	0.95 W max.
Operating conditions	-30°C to +85°C
Housing	Polycarbonate, UV-stabilized, IK09, IP66
Dimensions	Diameter: 80 mm / Height: 49 mm
Weight	84 g
Certifications & Standards	CE EN 55032:2012 + AC:2016 + A11:2020 + A1:2020 EN 61547:2023 2014/53/EU, RED EN 62386-101, 103, 303 DALI Part 351