

lix.pure SLC-C

lix.pure SLC-C offers radar-based motion detection of pedestrians, cycles and vehicles with integrated dimming control, wireless network, global cellular connectivity with integrated eSIM and GPS positioning.

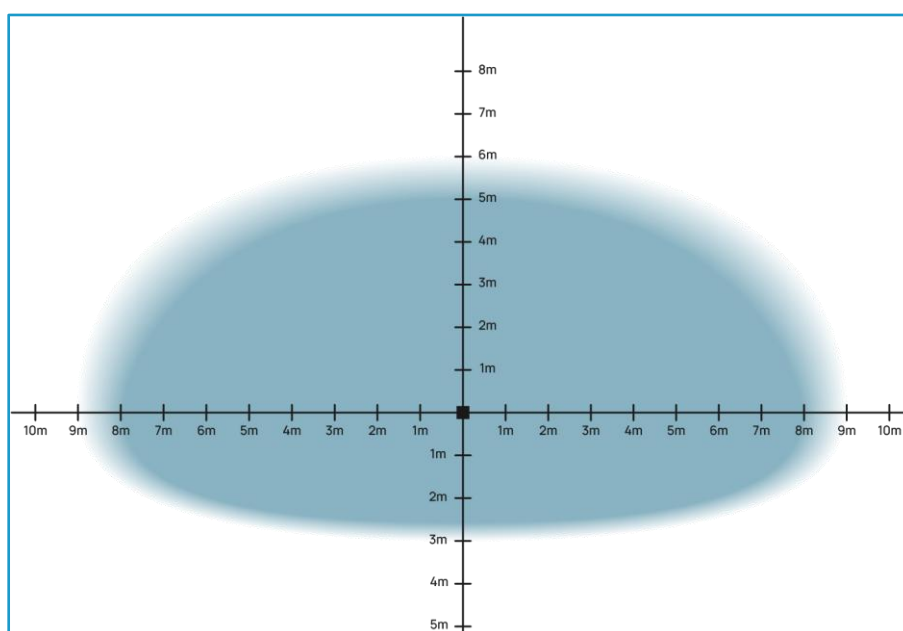
lix.pure SLC-C is a compact plug-and-play system for foot and cycle paths, parking lots and slow traffic. Simple attachment at the downward-facing Zhaga socket makes dynamic lighting control particularly easy.



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	Global cellular connectivity & GPS positioning
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 Meter

Technical Specifications

System description	Radar-based motion detection of pedestrians, bikes and vehicles with integrated dimming control and wireless connectivity
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 A, D4i-ready
Configuration & Management	Via Windows © App and USB dongle or optionally via gateway and web platform
Wireless mesh network	Wireless mesh network, 2.4 GHz, IEEE 802.15.4, built-in antenna, 100% esave-compatible
Mobile networks	eSIM integrated / GPS GNSS receiver LTE Cat-M1: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/ B26/B27/B28/B66 NB-IoT NB2: B1/B2/B3/B4/B5/B8/B12/B13/B18/ B19/B20/B25/B28/B66/B71 EGPRS: 850/900/1800/1900
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 EN 62386-103 EN 62386-303 DALI Part 351