LIX.ONE SLC

lix.one SLC is our compact plug-and-play system. Simple attachment at the downward-facing Zhaga base directly on the luminaire makes dynamic lighting control in public areas particularly easy.

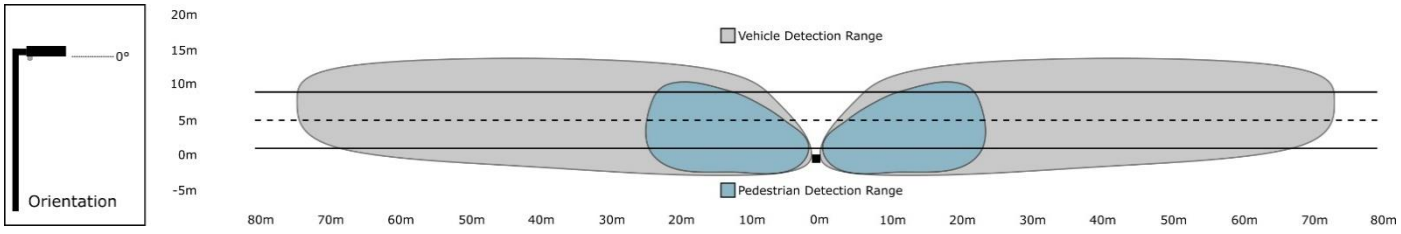
lix.one SLC offers radar-based motion detection of pedestrians, cycles and vehicles with integrated dimming control and wireless network. Every LED street light with Zhaga base can be transformed into an intelligent, demand-oriented light.

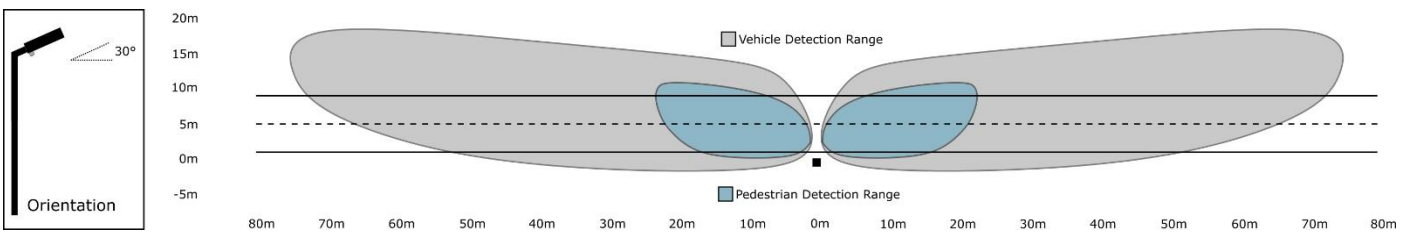
ALL ADVANTAGES AT A GLANCE

Minimal installation effort due the Zhaga interface	Reliable long range detection, even at high and low temperatures
Reduction of energy consumption, CO2 emissions and light pollution	Increased lifetime of LED modules and drivers
Easy configuration, freely configurable lighting scenarios	Optional cloud-based web interface for configuration, monitoring and statistics
Standard-compliant lighting whenever needed	Made in Austria

DETECTION AREA

Sensor height: 6 m





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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	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, at the downward-facing Zhaga-base (Book 18 Ed. 2)
Mounting height	Recommended light spot height: 3 to 8 m
Horizontal alignment	0° to +30°
Dimming control	DALI
Configuration & Management	USB-Dongle and Windows©-App 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. 2) / Permissible 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	0,7 W typ., 1 W peak
Electrical safety	Class II
Operating conditions	-20°C to +60°C
Housing	Polycarbonate; IP66, IK09, UV-stabilized
Dimensions	Diameter: 80 mm / Height: 62,5 mm
Weight	105 g
Certifications	CE EN 55032:2012 EN 61547:2009 2014/53/EU:2014; RED 3.1a, 3.1b, 3.2 EN 300328:2017-01 EN 301489-1:2017-03 EN 301489-17:2017-07 EN 62479:2010-09

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