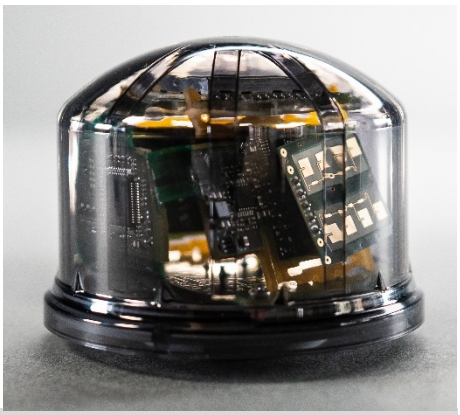
lix.one SLC

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.

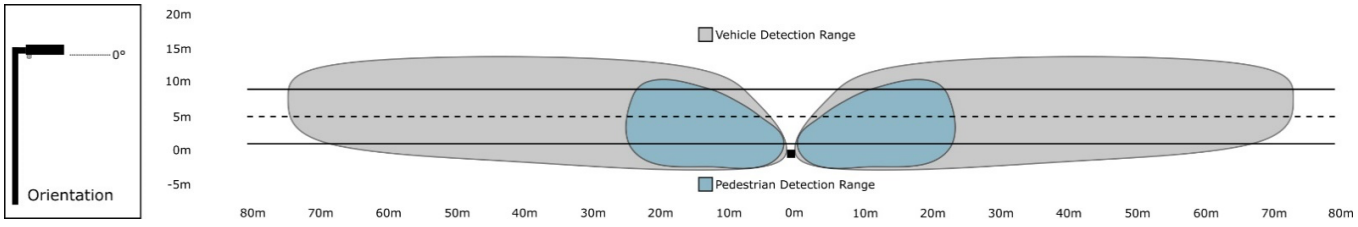


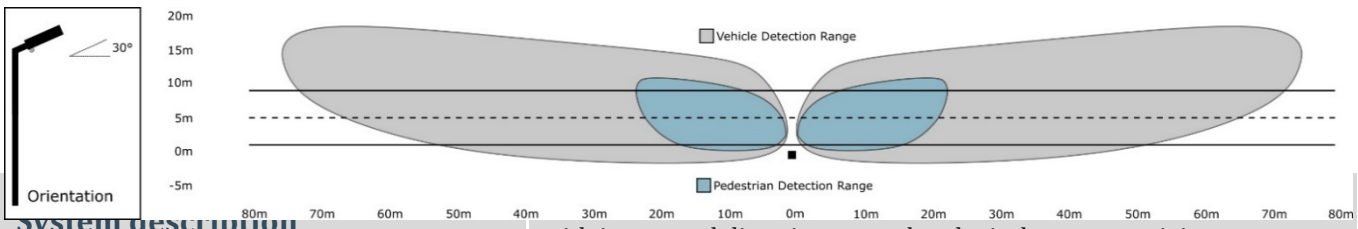
All Advantages at a Glance

Standard-compliant lighting whenever needed	Reliable long-range detection, even at high and low temperatures
Reduction of energy consumption, CO_2 emissions and light pollution	Increased lifetime of LED modules and drivers
Easy configuration, freely configurable lighting scenarios	Autonomous operation without current costs
Full integration into the light management system of esave AG	Optional cloud-based web interface for configuration, monitoring and statistics
Plug-and-play solution - minimal installation effort through the Zhaga interface	Made in Europe

Detection Area

Sensor height: 6 m





System description	with integrated dimming control and wireless connectivity
Sensors	2 radar sensors, 24 GHz
Speed detection range	Moving objects from 1 to 110 km/h

lixtec GmbH | dynamic light solutions | Reininghausstraße 13 | 8020 Graz | Austria | info@lixtec.com

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 via the downward-facing Zhaga-base (Book 18 Ed. 3)
Mounting height	Recommended light spot height: 4 to 8 m
Horizontal alignment	0° to +30°
Dimming control	DALI
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 (optional open-collector output)
Power consumption	1 W max.
Operating conditions	-20°C to +60°C
Housing	Polycarbonate, UV-stabilized, IK09, IP66
Dimensions	Diameter: 80 mm / Height: 65 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

lixtec GmbH | dynamic light solutions | Reininghausstraße 13 | 8020 Graz | Austria | info@lixtec.com