

## lix.detect SLC

lix.detect SLC features radar-based motion detection of persons, bikes and vehicles with integrated dimming control and wireless connectivity. It can turn any modern LED street light into an intelligent on-demand streetlight.

lix.detect SLC combines our long-lasting experience in radar-based motion detection with the proven wireless connectivity solution by esave AG.

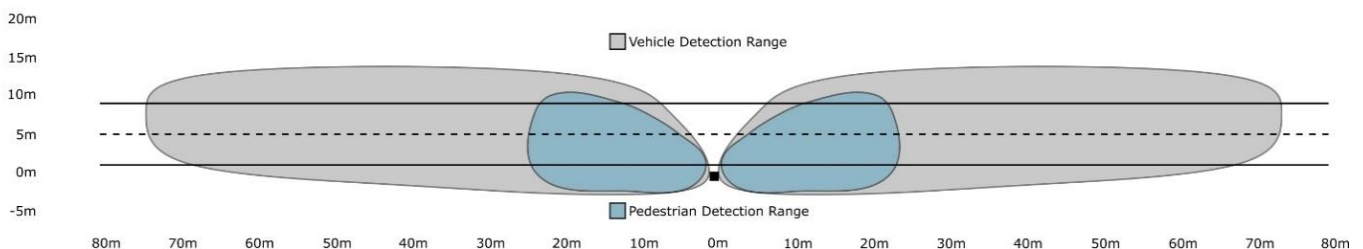


## All Advantages at a Glance

Standard-compliant lighting whenever needed	Reliable long-range detection, even at high and low temperatures
Reduction of energy consumption, CO <sub>2</sub> 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
Retro-fitting of existing LED street lights possible	Made in Europe

## Detection Area

Sensor height: 6 m



## Technical Specifications

<b>System description</b>	Radar-based motion detection of pedestrians, bikes and vehicles with integrated dimming control and wireless connectivity
<b>Sensors</b>	2 radar sensors, 24 GHz
<b>Speed detection range</b>	Moving objects from 1 to 110 km/h
<b>Detection area</b>	Pedestrians & bikes up to 25 m, cars up to 70 m, trucks & bus-es over 100 m, in both directions
<b>Mounting</b>	On the lamp pole
<b>Mounting height</b>	4 bis 10 m
<b>Dimming control</b>	DALI (1-10V optionally)
<b>Configuration &amp; Management</b>	Via Windows © App and USB dongle or optionally via gateway und web platform
<b>Wireless network</b>	Wireless mesh network, 2.4 GHz, IEEE 802.15.4, built-in antenna, 100% esave-compatible
<b>Connectivity range</b>	Up to 150 m in urban areas, up to 300 m in open field
<b>Supply voltage</b>	100-240 VAC
<b>Power consumption</b>	1,25 W max.
<b>Electrical safety</b>	Class II
<b>Operating conditions</b>	-20°C to +60°C
<b>Housing</b>	Polycarbonate, RAL 9005 (deep black), flame retardant, UV-stabilized, IP66
<b>Dimensions</b>	208 mm x 122 mm x 82 mm
<b>Weight</b>	750 g
<b>Certifications</b>	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