

## FAQ

- How long does it take to install a sensor?
  - To install a sensor takes about 15 minutes;
- How long must be blocked traffic to install a sensor?
  - The traffic is not blocked. It operates through a narrowing of the carriageway. In the case of two-lane roads with two-way traffic, you need an operator or a traffic lights to manage the alternating one-way.
- The sensor reduces the adhesion of the road surface?
  - The area occupied by the sensor is so small that it produces negligible effects on the adherence of the same road. The area occupied and the dimensional characteristics are fully comparable with those of "road markers" and "Led modules" approved and commonly used as intensifiers of road markings.
- The wireless can interfere with other systems?
  - The system has passed the conformance tests provided for by Directive 1999/5/EC (on radio equipment and telecommunications terminal equipment) and the relevant harmonized standards. Because its range is a few tens of meters, and the RF section active for a very low percentage of time (duty cycle <1%), the chances of interference with other devices are virtually nil.
- The system is CE certified
  - Yes
- Is it possible to have the information on the web?
  - Yes. The data are available on the web but they are raw data. If the goal is the real-time display of data it is possible to develop a web application ad hoc (cloud), taking into account the exacting specifications of the customer.
- The system is able to operate even in congested traffic conditions?
  - Yes. Unlike the systems based on magnetic technology, the Sky Light Sensor is able to operate in a condition of traffic congestion even in the presence of queues or stopped vehicles.
- What are the supply times?
  - To supply are typically required 60 days.
- What about Battery life?
  - The autonomy of the sensors is of about 8 years
- What is the maximum distance between the sensor and the access point?
  - The recommended maximum distance with standard antennas is 25 meters. Under some conditions, also employees from the site of installation, you can reach greater distances with directional antennas.
- What are the procedures for installing the Access Point
  - The Access Point is typically installed on a pole of public lighting to a minimum of 2.5 meters from the ground. If the distance is between 15 and 20 meters, the minimum is 3 meters. For longer distances we recommend you install the access point at a height of 4 meters.
- How is the data transfer to the server?
  - The data transfer takes place via GPRS, Ethernet or Wi-Fi.
- What kind of data is transmitted?

- The server system sends all of the data required to complete a post-processing. Information is available at the detail of the individual transit detected.
- How is the post-processing?
  - The post-processing of the data is done by remote operator via software "Sky Light Solver".