



less

Lightning Energy Saving Security System



eeco

About the Project?

How it works?

Demand for product / why lesss ?

Locations we recommend

Benefits

city

About the project

what is it?

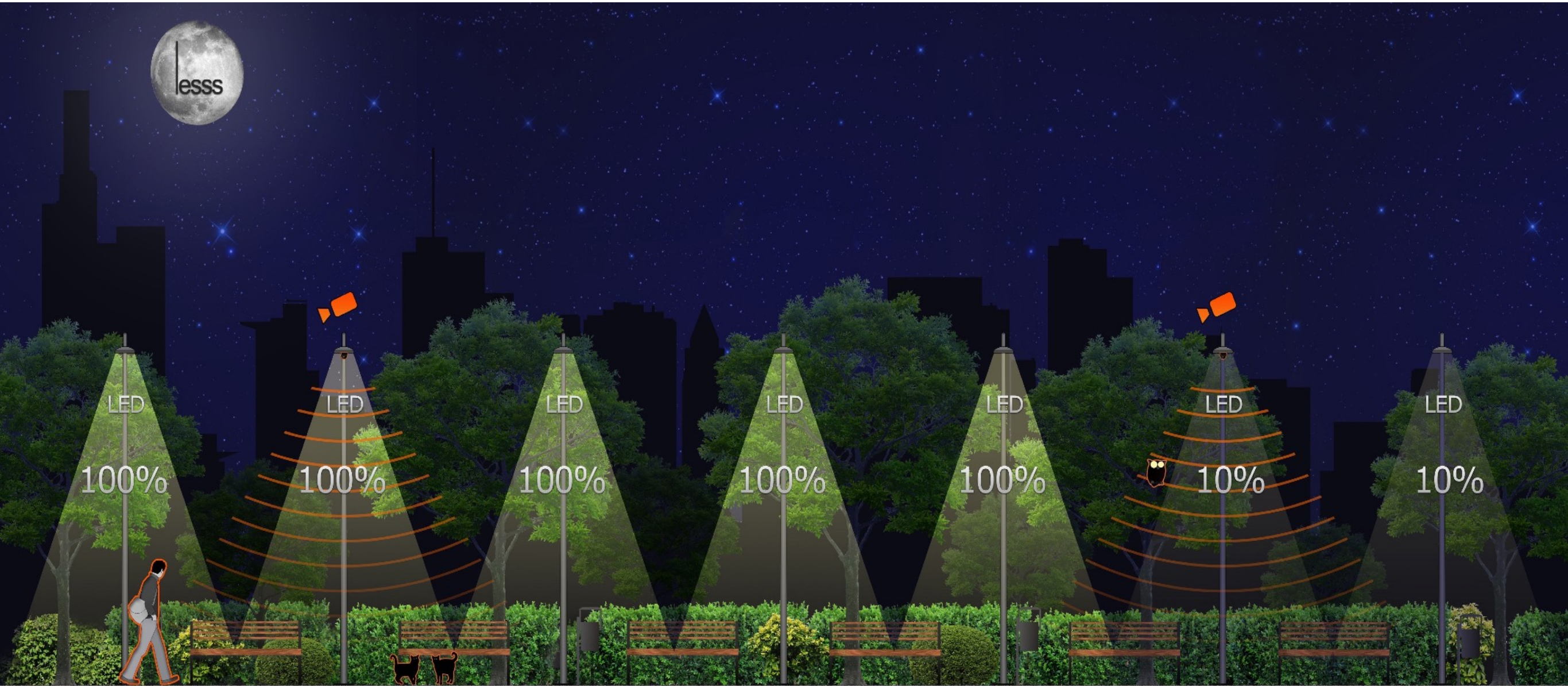
- LED fixtures control system through Intelligent Visual Analysis
- using TPC/IT technology, in order to Internet of Things development for public infrastructure (WiFi, mBTS, etc.)
- intelligent HD CCTV of public areas (record, statistics, analysis of events)
- energy saving system, improving energy efficiency by 85% compared to traditional lighting (e.g. Sodium lamps)
- behaviour analysis - algorithm recognises the selected behaviour of objects (accumulation of a group of objects, a swede, leave the object)
- swarm intelligence means no need for a central server supervisory system, intelligence in each lantern

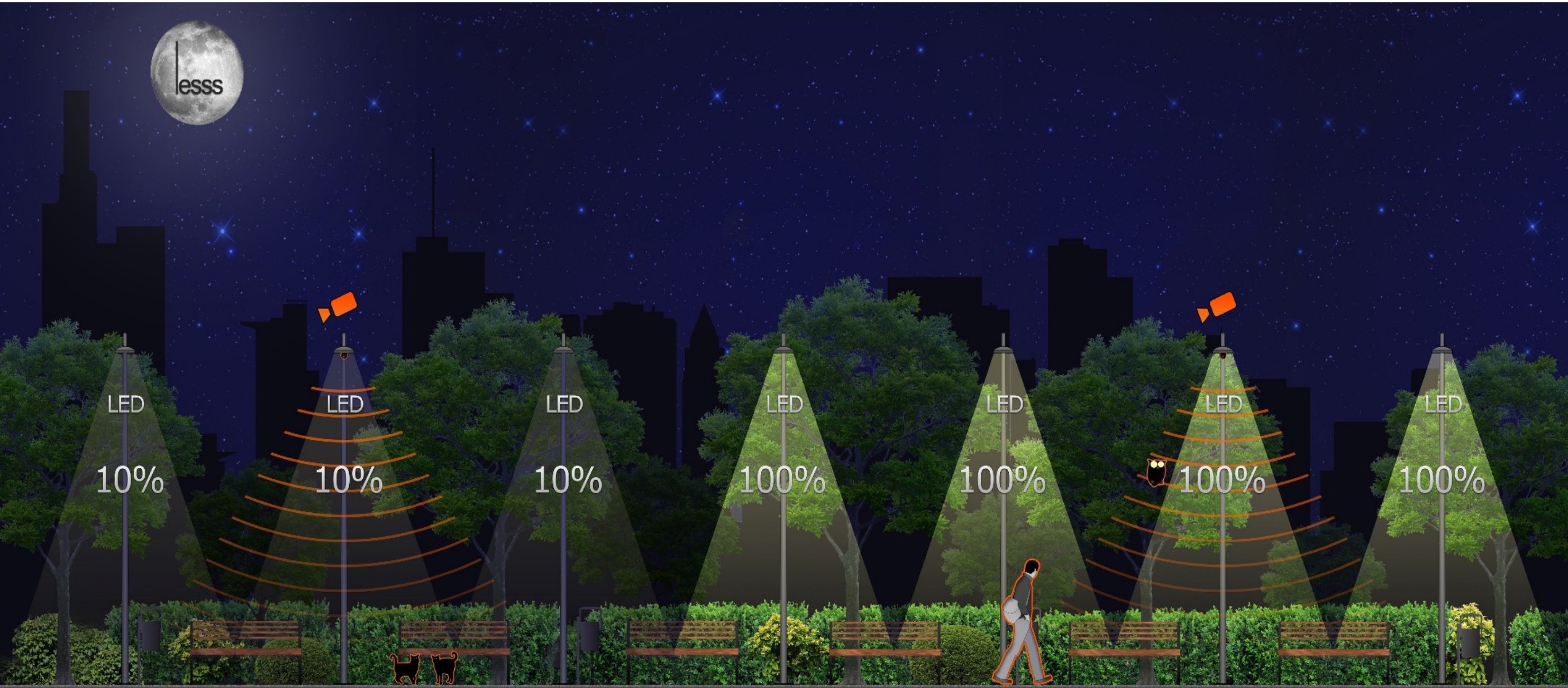


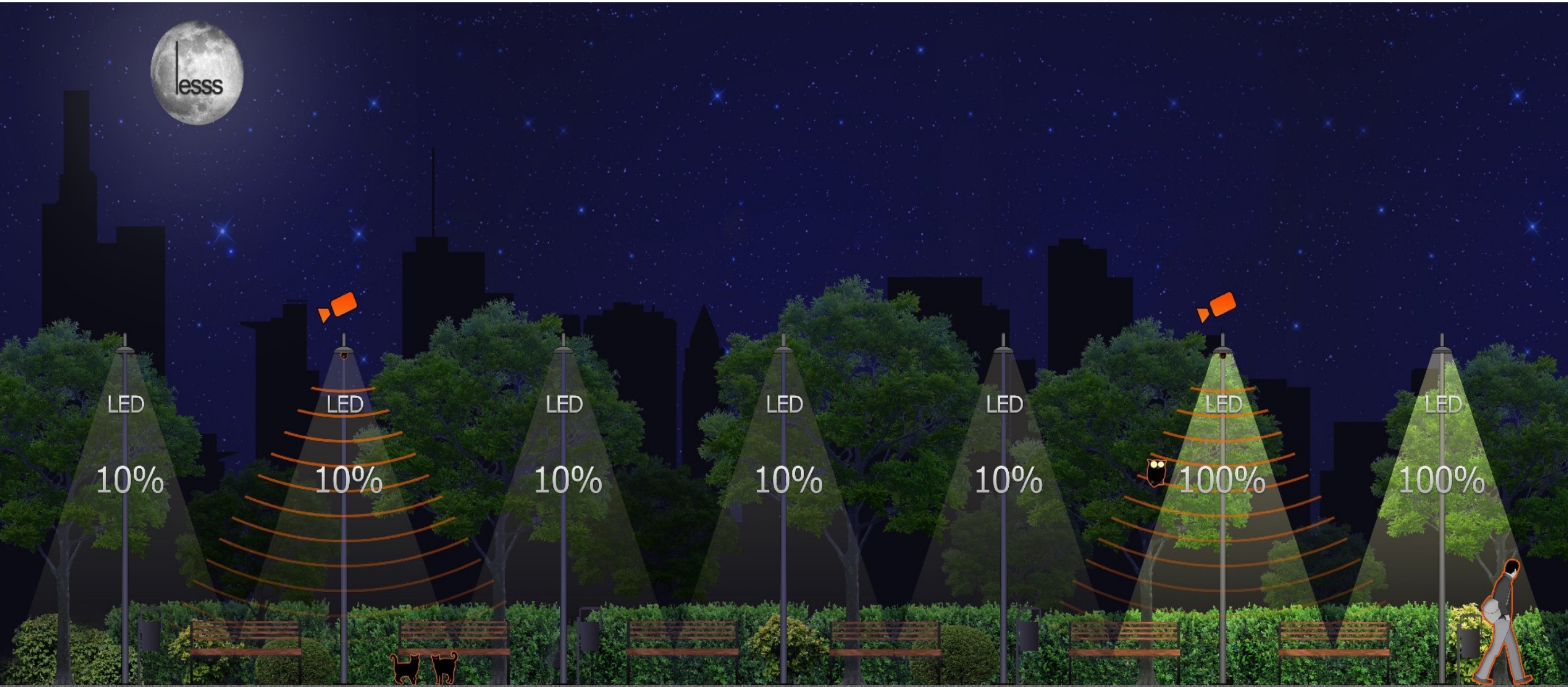


How does it work?









Demand for product

- promoting low-carbon strategies
- supporting of sustainable, multi-modal urban mobility
- reducing electricity consumption
- reducing CO₂ emissions
- environmental protection
- improving of safety in public spaces
- increasing the attractiveness of public places
- reducing emissions of artificial light so. glow light



“Outdoor lighting should enhance the real security, not just security”

Locations we recommend

- bicycle paths
- running tracks
- tunnels
- communication stops
- parks
- pedestrian crossings
- train stations
- business parks
- housing estates



why lesss ?

- energy savings up to 85%
- low cost of implementation- usage of existing 230V cable infrastructure
- swarm intelligence - means no need for a central server supervisory system
- intelligence in each lantern
- creating additional TCP / IP network in public places
- HD CCTV cameras- additional surveillance zones in the city
- improve the quality of lighting



Benefits

- energy efficiency improvement
- reducing emissions of air pollutants
- increase the mobility needs of city dwellers
- energy savings of up to 85%
- eco-innovation project
- urban lightning glow elimination
- system reliability
- additional monitoring using the existing cable infrastructure
- 85% of project funding from the European Union eco-innovation grants

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