
Light
under control
Clue City



What is
street lighting management?

This is **Clue City**





Discover an intuitive, reliable and secure system that provides accurate control of the street lighting infrastructure in real time. CLUECITY is a solution combining the remote wireless street lighting management system STELARIA consisting of control and communication devices and an internet platform, entirely developed by ELT, and Lena Lighting luminaires.

What do I win from choosing **Clue City?**

01 / 01 — Is a comprehensive wireless street lighting control system that enables:

- switching street lighting on and off
- dimming and scheduling individual street luminaires
- unlimited formation of luminaire groups
- geolocation and visualisation of street luminaires on the map
- accurate measurement of energy consumption and its immediate recording and archiving
- monitoring the operation of the light source and the driver
- alarm and event reporting – recording of alarm data from a single luminaire and displaying them on the map
- administering multiple users, their roles and the entire installation
- monitoring the remaining life of the LED light source and informing about scheduled service, which shortens response time and reduces maintenance costs.

Guarantee of safety and security:

units resistant to weather conditions

secure database

encrypted communication

secure access

Professional service:

support

project design

installation and commissioning

training

after-sales support





Środa Wielkopolska in a new light



We came to the conclusion that we must invest in modern lighting in Środa Wielkopolska. This is a hybrid set, i.e. luminaires and controls. I think that the residents will be pleased with this investment, also for aesthetic reasons, because it is not sodium lighting, which we dealt with in previous years – but LED lighting instead. Firstly, it is efficient, secondly, it gives a very nice and friendly light, and thirdly, it gives measurable savings. We have to look at it in the perspective of several or dozen of years, and these are very measurable savings reaching hundreds or even 1,000,000 Polish zloties.

Piotr Mieloch
Mayor of the City of Środa Wielkopolska



Technical parameters

01 / 09 — **Electrical connection**

Mains grid voltage: 100 Vac - 240 Vac
Mains grid frequency: 50/60 Hz

Max. load: 3 A
Mains surge protection: up to 6 kV

02 / 09 — **Power consumption**

Standby: < 0.5 W

Operating: < 2 W

03 / 09 — **Driver communication interfaces**

0-10V, 1-10V, DALI, DALI 2.0

Connector Zhaga / NEMA

04 / 09 — **Radio communication**

ISM radio frequency band
LoRa
Nb-IoT

LTE-M
widely understood GSM

05 / 09 — **Protection**

Ingress protection rating: IP66

06 / 09 — **Electrical safety:**

EN 62368-1:2014 + AC:2015 + A11:2017

07 / 09 — **EMC**

EN 62311:2008
EN 301 489-1 V2.2.0
EN 301 489-3 V2.1.1

EN 301 489-19 V2.1.0
FCC 47 CFR Part 15B

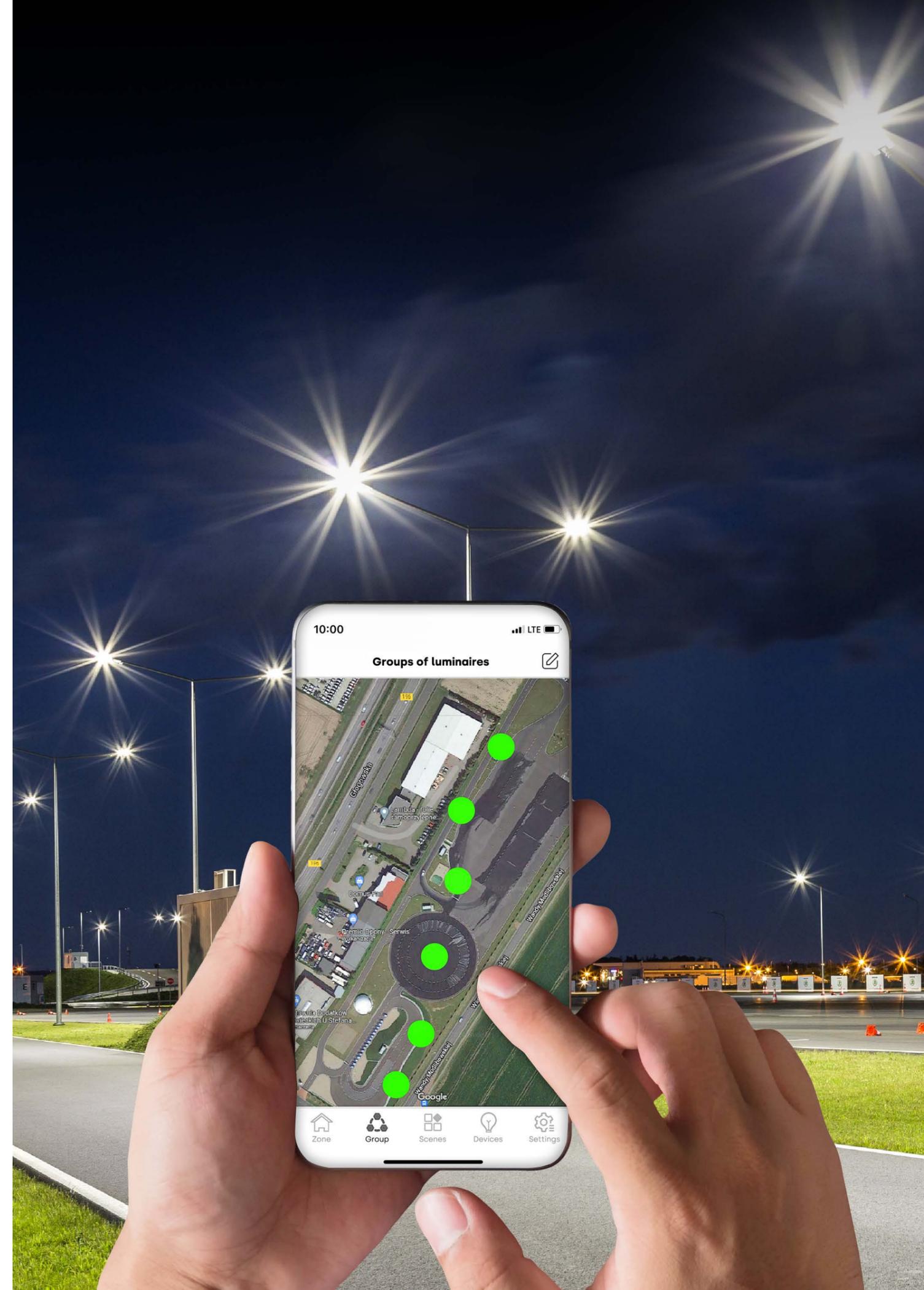
08 / 09 — **RF**

EN 300 220 -1 V3.1.1 + EN 300 220-2 V3.1.1
EN 303 413 V1.1.1

FCC 47 CFR part 15, subpart C 15.S247

09 / 09 — **RoHS**

RoHS 2011/65/UE + 2015/863/UE





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