

## ELT launches Siro-N, a standard market device with a 7-pin NEMA connection socket

Zaragoza (Spain) 19/03/2020 – ELT presents **SIRO-N**, a standard market device with a **7-pin NEMA connection socket** (ANSI C136.41). Thanks to Siro-N, STELARIA becomes a plug and play solution for flexible, efficient start-up and with no associated costs.

SIRO-N incorporates **GPS geopositioning** to facilitate the installation process as it bypasses the need to manually register each device. In this way, this node allows modifications to the street lighting installation to be identified without having to make changes to the platform, while keeping each individual light point of the installation geopositioned.



Additionally, SIRO-N permits the control and monitoring of all drivers and it is equipped with the interfaces **ON-OFF, 0-10V, 1-10V, DALI** and **DALI 2.0**, as well as being set up to connect to sensors. Thanks to its industrial-style consumption measuring system that allows, the energy consumption of each light point to be precisely monitored.



Another factor to bear in mind is the data security. In this sense, it is important to emphasize that SIRO-N offers an E2EE (Endo-to-end encryption) communication that guarantees the integrity, reliability and security of the message. Besides, SIRO-N has different passwords that have been renewed in each login.

### TECHNICAL SPECIFICATIONS

#### Electrical connection

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

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

#### Power consumption

- Standby: <0.5W
- Operating: <2W
- Energy consumption measurement accuracy: <2%

#### Driver communication interfaces

- 0-10V, 1-10V, DALI and DALI 2.0
- Load capacity: 8 DALI controllers, 8 1-10V controllers

#### Radio communication

- ISM radio frequency band

#### Protection

- Ingress protection rating: IP66

#### ADDITIONAL INFORMATION

SIRO-N: <https://www.elt.es/siro-n>

STELARIA: <https://www.elt.es/sistemas-de-gestion/stelaria>

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#### About ELT:

ELT - Especialidades Luminotécnicas S.A.U. is a Spanish business group specialised in the design, manufacture and marketing of lighting solutions and which, over its more than 40 years, has achieved a leading position in the market. With a clear focus on quality and technology supported by innovation and the development of new products and tools, ELT dedicates considerable resources to bringing advanced technological solutions to the market covering connectivity, smart street lighting management, customised engineering projects and system interoperability and luminaires.

For more information about our products and technologies, please contact :

**Arantxa Barra Tejada**  
Head of Communication – [abarra@elt.es](mailto:abarra@elt.es)