

## SECONDARY NETWORKS

### **ASTROPAK** POWER SUPPLY AND SWITCHING BOX

**ASTROPAK** is a compact power supply and switching box for secondary networks, equipped with a Radiolite socio-astronomical clock, a power connector, and fuse protection. It operates on daytime-cut or permanent 24/7 networks. Switching operations are synchronized citywide.



**LoRa**

## BENEFITS



### PRECISE & SYNCHRONIZED SWITCHING

- ◆ Guaranteed dusk switching and synchronous cut-offs
- ◆ • Radio synchronization via GPS
- ◆ • Radiolite socio-astronomical algorithm
- ◆ • GPS synchronization



### SOCIO-ASTRONOMICAL CALCULATION & ENERGY SAVINGS

- ◆ Astropak benefits from Radiolite's astronomical calculations, ensuring optimal switching timethroughout the year.
- ◆ Energy savings can reach up to one hour of operation per night!



### AUTOMATIC LOCATION & TIME SETTING

- ◆ Integrated GPS antenna
- ◆ Automatic Radiolite positioning
- ◆ Autonomous time setting
- ◆ No time drift



### EASY INSTALLATION

- ◆ Quick deployment in the field
- ◆ All components integrated within the cabinet
- ◆ Simple wiring connection on 16 mm<sup>2</sup> input/output terminals

## FEATURES

### PROGRAMMABLE SWITCHING TIMES

- ◆ Adjustment of switching hours directly on the device: Astropak 1X1 via front panel, Astropak 4X1 via BH Box.
- ◆ Multiple scenarios possible: switch-off with or without re-lighting.
- ◆ Astropak 4X1: weekly and exceptional programming (date-to-date).

### INTERACTIVE CONTROL

- ◆ Remote programming via LoRa antenna through the Luce professional platform.
- ◆ Adjustment of cut-off times, dusk offsets, and monitoring of switching events.



#### COMMERCIAL REFERENCES

> **L-ASTP-1X1-3100** : Mini power and switching box, Radiolite 110, GPS antenna, 16 A fuse, and 25 A contactor.

> **L-ASTP-4X1-3100** : Mini power and switching box, Radiolite 410, GPS antenna, 16 A fuse, and 25 A contactor.

> **L-ASTP-4L1-3100** : Mini power and switching box, Radiolite 410, GPS-LoRa antenna (no subscription), 16 A fuse, and 25 A contactor.

### TECHNICAL DATA

**Input on 2 terminals:** 16 mm<sup>2</sup> N+L

**Output on 2 terminals:** 16 mm<sup>2</sup> N+L

**Phase and neutral switching**

**Breaking capacity @230V:** 16 A, 3100 W

**Connection:** Class 2

**Cabinet dimensions (S50):** H 270 mm × W 156 mm × D 116 mm

**Protection rating:** IP44

**Temperature range:** -20°C to +55°C

**Cable entry through bottom glands**

**Triangle key lock**

**Mounting:** wall or pole

