

Street Lighting Smart Cabinets – CITI Model

Industrial register number 147.747

Introduction

The CITI, a street lighting smart cabinet series, has been developed by ARELSA and is registered in the EU under the industrial model number 147.747. The series was launched over 15 years ago and has met great success with over 20.000 units shipped all over the world.

Urban design

Conceived to work in tough street conditions, they are compact and anti-vandalism. Their small size and smooth design makes them the ideal street furniture.

Latest technology

They are designed to maximize the performance of street lighting: they enable telemanagement from a central control room and can house energy saving systems that allow up to a 35% consumption reduction.

Manufacturing

The CITI's plate is made of AISI 304 stainless steel and is 2 mm thick. Mass production and plug-and-play: we deliver the cabinets fully equipped, programmed and with active communications.

Quality control

All our cabinets are manufactured following a thorough quality control and comply with the ISO 9001:2008 Norms, as certified by AENOR and EQNET since 1996.

CE mark and warrant

All cabinets carry the CE mark and have a two-year warrant.

Facilities

Our state-of-the-art workshops are conveniently located 20 km north of Barcelona.



Various models from the CITI family

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Technical data

CITI **Street Lighting Smart Cabinets**

Electrical data	Service voltage	3x400/230 V
	Max. current	250 A

Busbar	Copper strip
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Test certification	Test lab	APPLUS +
	Standard tests and verifications: <ul style="list-style-type: none"> • Thermal limit. • Dielectrical characteristics. • Cutout resistance. • Protection circuit continuity. • Isolation distance. • Mechanical behaviour. • Protection degree. 	IP protection degree number 3008556 IK protection degree number 3008557 Thermal limit number 3008557

Norms and quality	CE mark	UNE-EN 60439-1
	Quality certificates	UNE-EN ISO 9001/2008 AENOR ER-0420/1996

Structural characteristics	It is formed by combined modules with independent plinth and rooftop to protect against rain.	Self-porting ensembles
	Each cabinet is subdivided in independent modules to house the electrical feeder, protections, telemanagement terminal and savings equipment.	Subdivided

Mechanical characteristics	Main frame	AISI 304 stainless steel plate, 2 mm thick.
	Degrees of protection	IP20 up to IP55
	Surface	Plate is stripped, phosphated and imprinted with stoved enamel.
	Default color	RAL 7032
	Basic models	CITI-10, CITI-10R, CITI-15 and CITI-15R

Dimensions	Total height	1.650 mm
	Module height	1.350+300 mm
	Module width	300, 600 and 900 mm
	Module depth	300, 320 and 400 mm

Standard Working Conditions	Installation	External service
	Ambient temperature	-15 °C to 50 °C
	Relative humidity	Max. 60% at 40 °C
	Max. altitude	≤ 2000 m.