



## Certificate of constancy of performance

### 1608 CPR P029

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction products:

#### Steel lighting columns

whose characteristics are detailed in the attached annex,

produced by or for

#### Pali Campion Srl

Via Alcide De Gasperi, 45/B 45025 Fratta Polesine RO-IT

and produced in the manufacturing plant(s)

Pali Campion Srl, Fratta Polesine Rovigo (Italia);  
Technomast Ltda, Campo Largo, Curitiba - Paraná (Brasile)

This certificate attests that all provisions concerning the assessment and verification of performance described in Annex ZA of the standard

### EN 40-5:2002

under system 1 are applied and that

**the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on **18/03/2005** and will remain valid as long as the test method and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Current issue: **06/12/2024 Rev.01**

The Director  
Roberto Pieroncini

## ATTACHMENT 1 TO CERTIFICATE **1608 CPR P029**

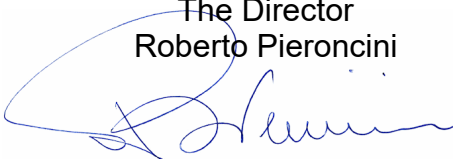
### *Characteristics for* **Steel lightning columns according to EN 40-5**

Name	Total height (m)	Configuration (position of the lantern)
Welded columns with rectangular/square section	Up to 20 m	Post top
Welded stepped cylindrical columns		
Welded tapered columns with circular section		
Welded tapered columns with octagonal or polygonal section		
Welded columns with rectangular/square section	Up to 18 m	With brackets
Welded stepped cylindrical columns		
Welded tapered columns with circular section		
Welded tapered columns with octagonal or polygonal section		

Characteristic	
Resistance to horizontal loads	Wind reference load (m/s)
	Windage area to wind of the lantern (m <sup>2</sup> )
	Weight of the lantern (kg)
	Maximum horizontal deflection (%)
Performance under vehicle impact	Classe 0
Durability	Hot dip zinc coating to EN ISO 1461

first issue: **18/03/2005**  
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ISTITUTO ITALIANO DI  
GARANZIA DELLA QUALITÀ

## ATTACHMENT 2 TO CERTIFICATE **1608 CPR P029**

*Characteristics for*

### **Steel lightning columns according to EN 40-5**

Declared performance under vehicle impact according to EN 12767:2019

<b>Product Characteristics<sup>a)</sup></b>	<b>Performances</b>				
Tubular steel lightning columns with height up to 7 m, Mup<8.89kN	Speed class:	50	70	100	100
	Energy absorption category	LE	LE	NE	LE
	Occupant safety class:	C	C	C	D
	Backfill type	S	S	S	S
	Collapse mode	SE	SE	SE	SE
	Direction class	MD	MD	MD	MD
	Risk of roof indentation	0	0	0	0
Installation	Device with foundation Atlantech Lux Small Compliant with the installation Manual: Manuale di Installazione Atlantech Lux /Save				

<sup>a)</sup>Others tubular steel lightning columns covered by this certificate according to EN40-5 are considered to be Class 0

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Roberto Pieroncini .



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## ATTACHMENT 2 TO CERTIFICATE **1608 CPR P029**

*Characteristics for*

### **Steel lightning columns according to EN 40-5**

Declared performance under vehicle impact according to EN 12767:2019

Product Characteristics <sup>a)</sup>	Performances				
Tubular steel lightning columns with height up to 10 m, M <sub>up</sub> <10.07kNm	Speed class:	50	70	100	100
	Energy absorption category	HE	HE	NE	LE
	Occupant safety class:	C	C	C	D
	Backfill type	S	S	S	S
	Collapse mode	NS	NS	SE	SE
	Direction class	MD	MD	MD	MD
	Risk of roof indentation	0	0	0	0
Installation	Device with foundation Atlantech Lux Small Plus Compliant with the installation Manual: Manuale di Installazione Atlantech Lux /Save				

<sup>a)</sup>Others tubular steel lightning columns covered by this certificate according to EN40-5 are considered to be Class 0

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*Characteristics for*

### **Steel lightning columns according to EN 40-5**

Declared performance under vehicle impact according to EN 12767:2019

Product Characteristics <sup>a)</sup>	Performances				
Tubular steel lightning columns with height up to 12 m, Mup<12.60kNm	Speed class:	50	70	100	100
	Energy absorption category	HE	HE	NE	LE
	Occupant safety class:	C	C	C	D
	Backfill type	S	S	S	S
	Collapse mode	NS	NS	SE	SE
	Direction class	MD	MD	MD	MD
	Risk of roof indentation	0	0	0	0
Installation	Device with foundation Atlantech Lux Medium Compliant with the installation Manual: Manuale di Installazione Atlantech Lux /Save				

<sup>a)</sup>Others tubular steel lightning columns covered by this certificate according to EN40-5 are considered to be Class 0

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Roberto Pieroncini