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ISTITUTO ITALIANO DI
GARANZIA DELLA QUALITÀ

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 constructions product:

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)

Fratta Polesine RO-IT

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 manifacturing conditions in the plant are not modified significantly.

Current issue: **14/05/2018**

The Director
Ing. Dario Agalbato

Dario Agalbato

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APPENDIX 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 load	Wind reference load (m/s)
	Exposed area to wind of the lantern (m^2)
	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**
current issue: **14/05/2018**

The Director
ing. Dario Agalbato

Dario Agalbato

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ISTITUTO ITALIANO DI
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APPENDIX 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

Name	**Design condition** (according to EN 40-3-3)	**Total Height (m)**	**Configuration** (position of the lantern)
Conical columns with foundation: SAVE50	Tubular columns with M_{up} ≤8,89kNm	5 m	Post top
Conical columns with foundation: SAVE51	Tubular columns with M_{up} ≤8,89kNm	5 m	With bracket 1 m
Conical columns with foundation: SAVE52	Tubular columns with M_{up} ≤8,89kNm	5 m	With bracket 2 m
Conical columns with foundation: SAVE60	Tubular columns with M_{up} ≤8,89kNm	6 m	Post top extended 1 m
Conical columns with foundation: SAVE61	Tubular columns with M_{up} ≤8,89kNm	6 m	With bracket 1x1 m
Conical columns with foundation: SAVE62	Tubular columns with M_{up} ≤8,89kNm	6 m	With bracket 1x2 m
Conical columns with foundation: SAVE70	Tubular columns with M_{up} ≤8,89kNm	7 m	Post top extended 2 m
Conical columns with foundation: SAVE71	Tubular columns with M_{up} ≤8,89kNm	7 m	With bracket 2x1 m
Conical columns with foundation: SAVE72	Tubular columns with M_{up} ≤8,89kNm	7 m	With bracket 2x2 m

Characteristic	
Performance under vehicle impact according to EN 12767, as reported in: Report 0028_ME_HRB_18 Report 0030_ME_HRB_18	Speed class: 70 Km/h Energy absorbtion class: LE Safety Class: 3
Foundation	Device ATLANTECH Lux Small In conformity to the Installation Manual: Manuale installazione ATLENTECH LUX

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Il Direttore
ing. Dario Agalbato

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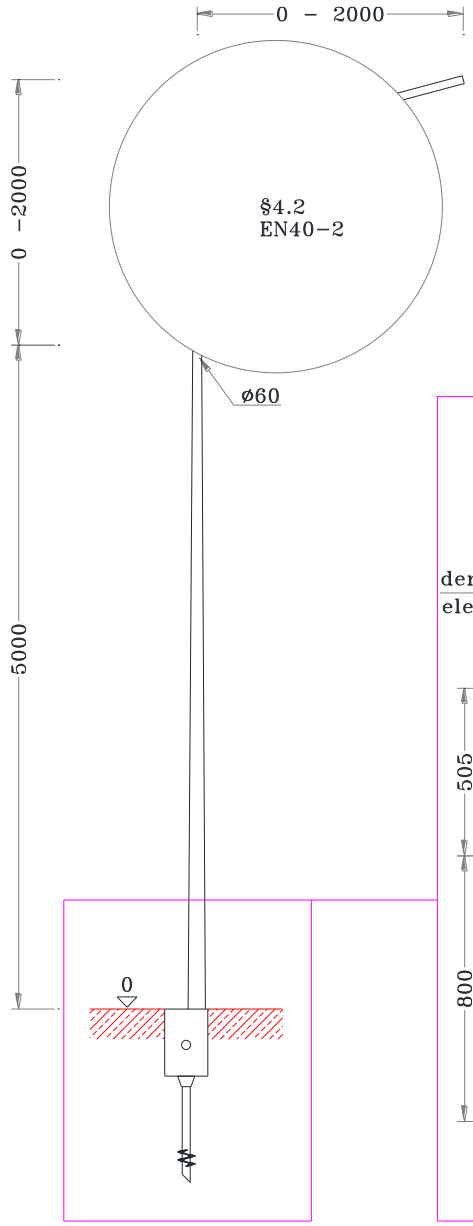
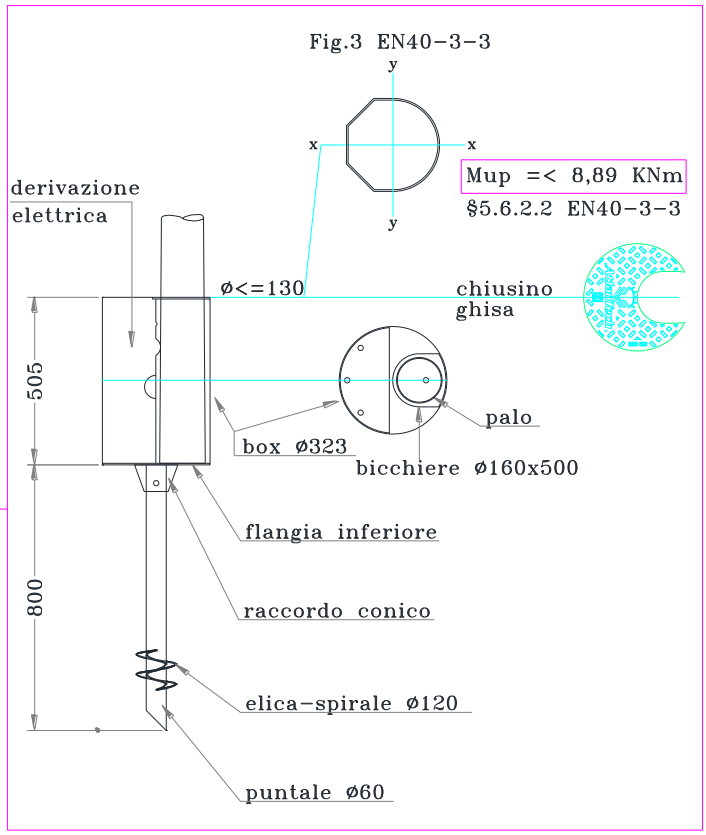
CONFIGURATION COLUMNS SAVE 5m - 6m - 7m





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ISTITUTO ITALIANO DI
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APPENDIX 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

Name	**Design condition** (according to EN 40-3-3)	**Total Height (m)**	**Configuration** (position of the lantern)
Conical columns with foundation: SAVE80	Tubular columns with M_{up} ≤10,07kNm	8 m	Post top
Conical columns with foundation: SAVE81	Tubular columns with M_{up} ≤10,07kNm	8 m	With bracket 1 m
Conical columns with foundation: SAVE82	Tubular columns with M_{up} ≤10,07kNm	8 m	With bracket 2 m
Conical columns with foundation: SAVE90	Tubular columns with M_{up} ≤10,07kNm	9 m	Post top extended 1 m
Conical columns with foundation: SAVE91	Tubular columns with M_{up} ≤10,07kNm	9 m	With bracket 1x1 m
Conical columns with foundation: SAVE92	Tubular columns with M_{up} ≤10,07kNm	9 m	With bracket 1x2 m
Conical columns with foundation: SAVE100	Tubular columns with M_{up} ≤10,07kNm	10 m	Post top extended 2 m
Conical columns with foundation: SAVE101	Tubular columns with M_{up} ≤10,07kNm	10 m	With bracket 2x1 m
Conical columns with foundation: SAVE102	Tubular columns with M_{up} ≤10,07kNm	10 m	With bracket 2x2 m

Characteristic	
Prestazione in caso di impatto da veicolo secondo EN 12767, di cui ai rapporti Rapporto 0027_ME_HRB_18 Rapporto 0030_ME_HRB_18	Speed class: 70 Km/h Energy absorption class: HE Safety class: 3
Foundation	Device ATLANTECH Lux Plus In conformity to the Installation Manual: Manuale installazione ATLANTECH LUX

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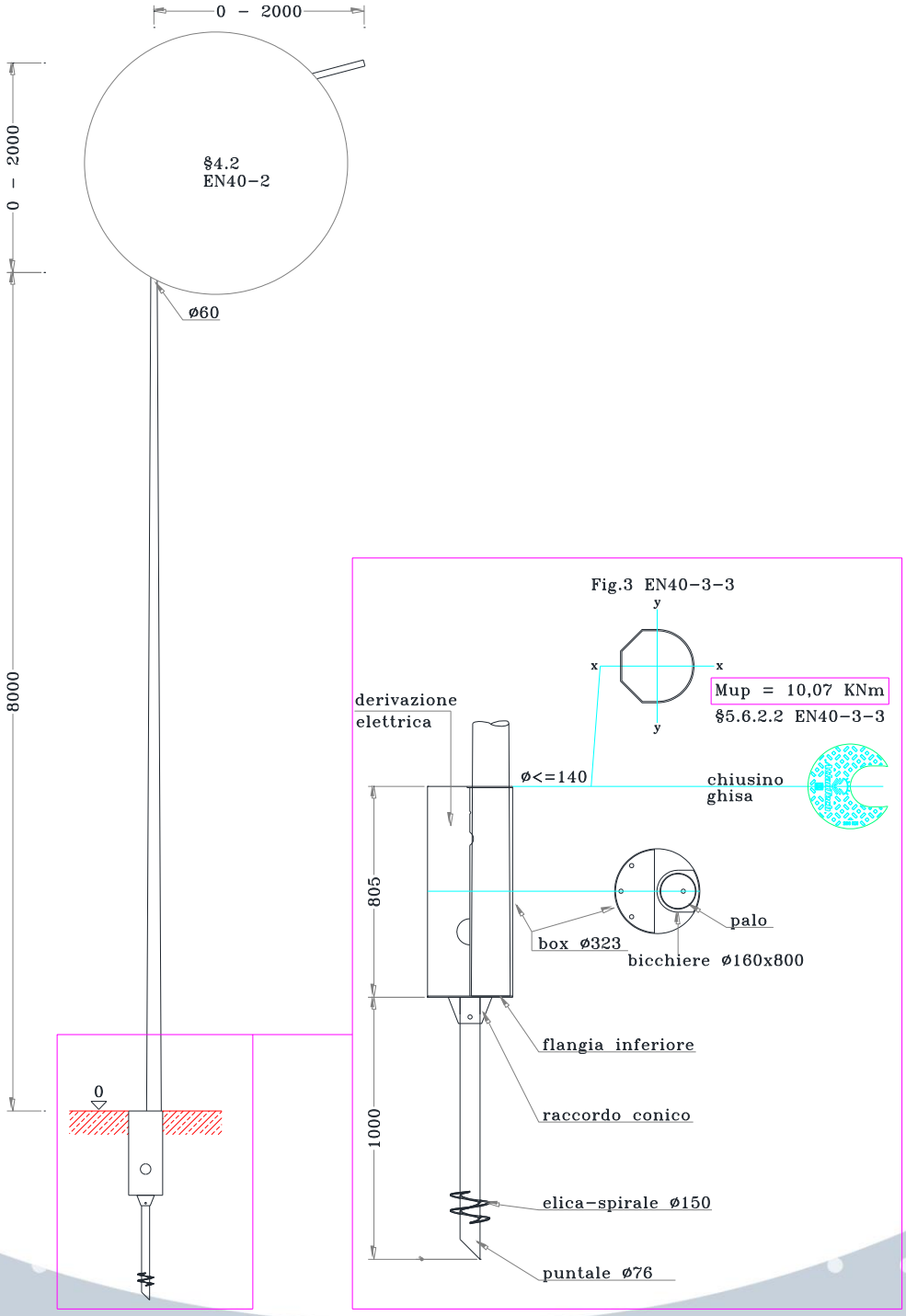
CONFIGURATION COLUMNS SAVE 8m - 9m - 10m



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