



Certificate of constancy of performance

0402 – CPR – SC0300-10

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 product

Lighting columns – Part 5: Steel lighting columns

as specified in appendix to this certificate.

Intended use: road lighting columns for circulation areas

Product name: **DANINTRA**

produced by or for

Danintra AS

Fredriksværksksvej 24, DK-3600 Fredrikssund, Denmark

and produced in the manufacturing plants

same as above and in

TECNOPALI NORTH EUROPE SIA.

Ķekavas novads, Daugmales pagasts, "Vecratnieki", LV-2124 Latvia

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

EN 40-5:2002

under system 1 for the performances set out in this certificate are applied and that

the construction products fulfil the prescribed requirements for these performances.

This certificate was first issued on 2010-05-11 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared essential characteristics, do not change, and the construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body.

2015-05-11

**SP Technical Research Institute of Sweden
Certification, Notified Body No. 0402**

Lennart Månsson
Certification Manager

Susanne Hansson
Certification officer

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0402 – CPR – SC0300-10 Appendix

Steel lighting columns – DANINTRA

Classification according to EN 40-5:2002 Steel lighting columns

Resistance to horizontal loads, according to EN 40-5:2002 (EN 40-3, part 1 to 3:2013)	
Topography factor	1.00
Terrain category / Class	II or III
Reference wind velocity (m/s)	20 - 36
Class of partial load factor	A or B
Horizontal deflection class	1, 2 or 3

Performance under vehicle impact (passive safety), according to EN 12767:2007	Class/value/description
Stepped or cylindrical steel column	0

Durability	Class/value/description
Resistance to corrosion, column	Steel - Hot dip galvanized, acc. to EN-ISO 1461

Product description

Products classified above, designed with the Danintra calculation tool within the following limitations:

Materials, dimensions etc.	Description
Pole height, max	10 m
Pole diameter cylindrical, max	Ø 140 mm
Pole diameter stepped	Up to Ø 140 mm
Pole material and thickness	Steel equal to S235, thickness 2 to 6 mm
Mounting / base	Embedded, flanged or for plug-in foundation
Type of lantern mounting	Top or single arm
Bracket/lantern projection	max arm length: 1.5 m (single)
Size of lantern, mass and area	Top mounted < 50 kg / 0.5 m ² , or Single armed < 15 kg / 0.2 m ²