

Certificate of Constancy of Performance

No. 0780-CPR-143036

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation - CPR), this certificate applies to the construction products

Steel Lighting Columns

for the street lighting in traffic areas
(Specified on page 2)

placed on market by

VDL Mast Solutions B.V.
Gasstraat Oost 7
5349 AH Oss
THE NETHERLANDS

And produced at the
manufacturing plant

VDL Mast Solutions B.V.
Gasstraat Oost 7
5349 AH Oss
THE NETHERLANDS

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


EN 40-5:2002

Requirements for steel lighting columns

under system 1 for the performances set out are applied and that the construction products fulfil all the prescribed requirements for these performances.

This certificate replaces the certificate with identic number dated 2021-05-20, first issued 2009-03-12. It will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performances of the declared essential characteristics, do not change, and the construction products, and the manufacturing conditions in the plant are not modified significantly, latest until 2028-11-03, unless suspended or withdrawn by the FPC certification body.

Nuremberg, 2023-11-03


Dipl.-Ing. (FH) Günther Jost
Head of certification body



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Certified construction product: Steel Lighting Columns

Material:

- Hollow sections according EN 10219, material S235, S275 and S355

Forms:

- cylindrical / stepped or
- cylindrical / conical.

Configuration:

- without bracket or with single or double bracket
- part below ground with cable entry slot

Finish:

- performance according EN 40-2
- structural analysis according EN 40-3-1 and EN 40-3-3
- passive safety in compliance with EN 12767:2019 is tested by TASS International, Helmond

In compliance with EN 12767:2019, for the hereunder mentioned product families, the passive safety performances are:

Product family 1:

Columns with diameter ≤ 159 mm, with nominal height of 2 m to 13 m, supplied with shear-off mechanism with principle according to drawing M20 STC 300 Uni, founded in standard soil, backfill type S or rigid backfill type R.

Passive safety performance 100-NE-B-S-SE-SD

Product family 2:

Columns with diameter ≤ 194 mm, with nominal height ≤ 13.5 m, without or with 1.5 m or smaller single or double bracket supplied with shear-off mechanism with principle according to drawing M20 STC 300 Omni, founded using Special (sand, sieve class A, with BMC certificate 893-10-BBK, January 1, 2010 or comparable), backfill type X, or rigid backfill type R.

Passive safety performance 100-NE-B-X-SE-MD

Product family 3:

Columns with diameter until ≤ 168 mm, with nominal height of 2 m to 13 m, without or with 2 m or smaller single or double bracket supplied with shear-off mechanism with principle according to drawing 6284069276, founded using Special (sand, sieve class A, with BMC certificate 893-10-BBK, January 1, 2010 or comparable), backfill type X, or rigid backfill type R.

Passive safety performance 100-NE-C-X-SE-MD-0

All other columns:

Passive safety performance type 0

