Certificate of Constancy of Performance

No. 0780-CPR-143034

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

as specified on pages 2 and 3 of this certificate

placed on market by

P.M.F. Machinefabriek Bergum B.V.
Mr. W.M. Oppedijk van Veenweg 22
9251 GA Burgum ▪ Netherlands

and produced in the manufacturing plant

P.M.F. Machinefabriek Bergum B.V.
Mr. W.M. Oppedijk van Veenweg 22
9251 GA Burgum ▪ 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

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 certificates with identic number dated 2020-09-07, first issued 2005-11-25 and No. 0336-CPD-29604, first issued on 2010-10-01. This certificate 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the manufacturing conditions in the plant are not modified significantly, latest until 2026-04-01, unless suspended or withdrawn by the product certification body.

Nuremberg, 2021-04-01

LGA Bautechnik GmbH
Tillystraße 2 ▪ 90431 Nürnberg ▪ Germany
Notified Product Certification Body 0780

LGA Bautechnik GmbH LGA Notified Body 0780 CPR

Dipl.-Ing. (FH) Günther Jost
Head of Certification Body

Certificate of Constancy of Performance

No. 0780-CPR-143034

Certified Construction Products:

Part 1: Steel lighting columns with passive safety class 0 acc. EN 12767

1.1 Post top columns, tapered, circular
Nominal heights from 2 m up to 20 m *Manufacturer´s designation: 13xxxxxYY*

1.2 Post top columns, cylindrical, stepped, circular
Nominal heights from 2 m up to 20 m *Manufacturer´s designation: 17xxxxxYY*

1.3 Columns with single or double brackets, tapered, circular
Nominal heights from 2 m up to 18 m *Manufacturer´s designation: 13xxxxxYY*

1.4 Columns with single or double brackets, cylindrical, stepped, circular
Nominal heights from 2 m up to 18 m *Manufacturer´s designation: 17xxxxxYY*

- Diameter at the base: ø76,1 mm up to ø273,0 mm (tapered, circular columns)
- Diameter at the base: ø76,1 mm up to ø323,9 mm (cylindrical, stepped, circular columns)

Part 2: Steel lighting columns with passive safety class 100 NE 3 acc. EN 12767:2019
Columns supplied with a shear mechanism and founded using Standard Soil backfill type S, or Rigid backfill type R.
Test Laboratory: TÜV Rheinland TNO Automotive International, Helmond;
now: TASS International Safety Center, Helmond
Tests: Test report F10340202, Test report F10340203
Test Laboratory: TASS International Safety Center, Helmond
Tests: Test report F10340202rep EN12767_2019, Test report F10340203rep EN12767_2019

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2.1 Post top columns, tapered, circular
Nominal heights from 2 m up to 15 m *Manufacturer´s designation: 13xxxxxYY*

2.2 Post top columns, cylindrical, stepped, circular
Nominal heights from 2 m up to 15 m *Manufacturer´s designation: 20xxxxxYY*

2.3 Columns with single or double brackets, tapered, circular
Maximum bracket length 1 x 2250 mm or 2 x 2250 mm,
Nominal heights from 2 m up to 15 m *Manufacturer´s designation: 13xxxxxYY*

2.4 Columns with single or double brackets, cylindrical, stepped, circular
Maximum bracket length 1 x 2250 mm or 2 x 2250 mm,
Nominal heights from 2m up to 15 m *Manufacturer´s designation: 20xxxxxYY*

- Diameter at the base: ø76,1 mm up to ø219,1 mm

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Certified Construction Products:

Part 3: Steel lighting columns with passive safety class 100 NE 3 acc. EN 12767:2019

Columns supplied with a shear mechanism and founded using Special Soil backfill type X (compliant with peaty soil or better[1]), Standard Soil backfill type S, or Rigid backfill type R, planted with root section, circular or with equivalent cross section
Test Laboratory: TASS International Safety Center, Helmond
Tests: Test report F14030301, Test report F14030302
Test Laboratory: TASS International Safety Center, Helmond
Tests: Test report F14030301rep EN12767_2019, Test report F14030302rep EN12767_2019

3.1 Post top columns, tapered, circular

Nominal heights from 1,5 m up to 15 m *Manufacturer´s designation: 13xxxxxYY*

3.2 Post top columns, cylindrical, stepped, circular

Nominal heights from 1,5 m up to 15 m *Manufacturer´s designation: 2xxxxxxYY*

3.3 Columns with single or double brackets, tapered, circular

Maximum bracket length 1 x 2.000 mm or 2 x 2.000 mm,
Nominal heights from 1,5 m up to 15 m *Manufacturer´s designation: 13xxxxxYY*

3.4 Columns with single or double brackets, cylindrical, stepped, circular

Maximum bracket length 1 x 2.000 mm or 2 x 2.000 mm,
Nominal heights from 1,5 m up to 15 m *Manufacturer´s designation: 2xxxxxxYY*

- Diameter at the base: ø76,1 mm up to ø193,7 mm
- Unidirectional impact (360°)
- With or without a passive safety connector at ground level

Remark[1]: Based on the report by Mos Grondmechanica B.V., Appendix G to the test reports 14.TR.003/RF and 14.TR.004/RF by TASS International Safety Center.

Further performances and features for all lighting columns

- Material: construction steel S235 or S355
- Hot dip galvanizing according to EN ISO1461; additional coating if required
- Performance according EN 40-2
- Part below ground with cable entry slot or base plate
- Static calculation according EN 40-3-1 and EN 40-3-3