

## CERTIFICATION MARK

The company:

**VALMONT Polska Sp. z o.o.**  
**ul. Majora Henryka Sucharskiego 6**  
**08-110 Siedlce**  
**Poland**

being the manufacturer of the product:

**Steel lighting columns**

is authorized to use  
the ITB certification mark „WYRÓB BUDOWLANY”  
during the period of validity of the certificate no. 1488-CPR-0003/W



**1488-CPR-0003/W**

HEAD  
of the Certification Department



Katarzyna Hatowska, M.Sc. Eng.



DEPUTY DIRECTOR  
of Instytut Techniki Budowlanej



Anna Panek, M.Sc. Eng.



**NOTIFIED BODY No. 1488**  
**INSTYTUT TECHNIKI BUDOWLANEJ**  
**CERTIFICATION DEPARTMENT**

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**CERTIFICATE OF CONSTANCY OF PERFORMANCE**  
**1488-CPR-0003/W**

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

**Steel lighting columns**

with a circular and polygonal cross-section, without brackets or with brackets (single and multi-armed version),  
for mounting luminaires height of 3-18m (poles with brackets) and 3-20m (poles without brackets)  
with dimensions in accordance with the requirements of EN 40-2:2004,  
mounted on prefabricated foundations or in subsoil

Identification, intended use, essential characteristics and performances of the product are described  
in the Annex No. Z-1488-CPR-0003/W which is an integral part of this certificate

**placed on the market under the name or trade mark of:**

**VALMONT Polska Sp. z o.o.**  
**ul. Majora Henryka Sucharskiego 6**  
**08-110 Siedlce**  
**Poland**

**and produced in the manufacturing plant:**

**VALMONT Polska Sp. z o.o.**  
**ul. Terespolska 12**  
**08-110 Siedlce**  
**Poland**

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 performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 30.05.2017 as a certificate No 1488-CPD-0003 (updated on 27.03.2020, 11.08.2020) and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

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Warsaw, 11.08.2020



**Annex No. Z-1488-CPR-0003/W page 1/4**  
**which is an integral part of the certificate No. 1488-CPR-0003/W**

**Identification of the product**

| Types of lighting columns |           |                  |                |
|---------------------------|-----------|------------------|----------------|
| 1                         | 2         | 3                | 4              |
| SATURN P 3                | STAR P 6  | CASSIOPEE P S 7  | CASIOPEE P D 7 |
| SATURN P 3,5              | STAR P 7  | CASSIOPEE P S 8  | CASIOPEE P D 8 |
| SATURN P 4                | STAR P 8  | CASSIOPEE P S 9  | CASIOPEE P D 9 |
| SATURN P 4,5              | STAR P 9  | CASSIOPEE P S 10 |                |
| SATURN P 5                | STAR P 10 |                  |                |
| SATURN P 6                |           |                  |                |

Column No. 1 – steel lighting columns of polygonal cross-section and a conical shape with no brackets for mounting luminaires, columns height of 3 m to 6 m

Column No. 2 – steel lighting columns of polygonal cross-section and a conical shape with no brackets for mounting luminaires and with a single or multi-armed brackets for mounting luminaires, columns height of 6 m to 10 m

Column No. 3 – steel lighting columns of polygonal cross-section and a conical shape with single-arm bracket for mounting luminaires, columns height of 7 m to 10 m

Column No. 4 – steel lighting columns of polygonal cross-section and a conical shape with double-arm bracket for mounting luminaires, columns height of 7 m to 9 m

| Types of lighting columns |              |              |              |
|---------------------------|--------------|--------------|--------------|
| 5                         | 6            | 7            | 8            |
| GALAXIE P 5 HLE           | ORION P S 7  | ORION P D 7  | SEXTANT P 6  |
| GALAXIE P 6 HLE           | ORION P S 8  | ORION P D 8  | SEXTANT P 7  |
| GALAXIE P 7 HLE           | ORION P S 9  | ORION P D 9  | SEXTANT P 8  |
| GALAXIE P 8 HLE           | ORION P S 10 | ORION P D 10 | SEXTANT P 9  |
| GALAXIE P 9 HLE           | ORION P S 11 | ORION P D 11 | SEXTANT P 10 |
| GALAXIE P 10 HLE          | ORION P S 12 | ORION P D 12 | SEXTANT P 11 |
| GALAXIE P 9               |              |              | SEXTANT P 12 |
| GALAXIE P 10              |              |              |              |
| GALAXIE P 11              |              |              |              |
| GALAXIE P 12              |              |              |              |

Column No. 5 – steel lighting columns of polygonal cross-section and a conical shape with no brackets for mounting luminaires and with a single or multi-armed brackets for mounting luminaires, columns height of 5 m to 12 m

Column No. 6 – steel lighting columns of polygonal cross-section and a conical shape with single-arm bracket for mounting luminaires, columns height of 7 m to 12 m

Column No. 7 – steel lighting columns of polygonal cross-section and a conical shape with double-arm bracket for mounting luminaires, columns height of 7 m to 9 m

Column No. 8 – steel lighting columns of polygonal cross-section and a conical shape with no brackets for mounting luminaires and with a single or multi-armed brackets for mounting luminaires, columns height of 6 m to 12 m

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**Annex No. Z-1488-CPR-0003/W page 2/4**  
**which is an integral part of the certificate No. 1488-CPR-0003/W**

| Types of lighting columns                                                                                                                                                                                                      |                 |                 |                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-----------------|
| 9                                                                                                                                                                                                                              | 10              | 11              | 12              |
| CENTAURE P S 8                                                                                                                                                                                                                 | CENTAURE P D 8  | AURIGA P 60 3   | ANTARES P 60 7  |
| CENTAURE P S 9                                                                                                                                                                                                                 | CENTAURE P D 9  | AURIGA P 60 3,5 | ANTARES P 60 8  |
| CENTAURE P S 10                                                                                                                                                                                                                | CENTAURE P D 10 | AURIGA P 60 4   | ANTARES P 60 9  |
| CENTAURE P S 11                                                                                                                                                                                                                | CENTAURE P D 11 | AURIGA P 60 4,5 | ANTARES P 60 10 |
| CENTAURE P S 12                                                                                                                                                                                                                | CENTAURE P D 12 | AURIGA P 60 5   | ANTARES P 60 11 |
|                                                                                                                                                                                                                                |                 | AURIGA P 60 6   | ANTARES P 60 12 |
| Column No. 9 – steel lighting columns of polygonal cross-section and a conical shape with single-arm bracket for mounting luminaires, columns height of 8 m to 12 m                                                            |                 |                 |                 |
| Column No. 10 – steel lighting columns of polygonal cross-section and a conical shape with double-arm bracket for mounting luminaires, columns height of 8 m to 12 m                                                           |                 |                 |                 |
| Column No. 11 – steel lighting columns of circular cross-section and a conical shape with no brackets for mounting luminaires, columns height of 3 m to 6 m                                                                    |                 |                 |                 |
| Column No. 12 – steel lighting columns of circular cross-section and a conical shape with no brackets for mounting luminaires and with a single or multi-armed brackets for mounting luminaires, columns height of 7 m to 12 m |                 |                 |                 |

| Types of lighting columns                                                                                                                                                                                                      |                 |                 |              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|--------------|
| 13                                                                                                                                                                                                                             | 14              | 15              | 16           |
| ANTARES P 62 9                                                                                                                                                                                                                 | ANTARES P 76 7  | ANTARES P 62 9  | ASTRA P S 7  |
| ANTARES P 62 10                                                                                                                                                                                                                | ANTARES P 76 8  | ANTARES P 62 10 | ASTRA P S 8  |
| ANTARES P 62 11                                                                                                                                                                                                                | ANTARES P 76 9  | ANTARES P 62 11 | ASTRA P S 9  |
| ANTARES P 62 12                                                                                                                                                                                                                | ANTARES P 76 10 | ANTARES P 62 12 | ASTRA P S 10 |
|                                                                                                                                                                                                                                | ANTARES P 76 11 |                 | ASTRA P S 11 |
|                                                                                                                                                                                                                                | ANTARES P 76 12 |                 | ASTRA P S 12 |
| Column No. 13 – steel lighting columns of circular cross-section and a conical shape with no brackets for mounting luminaires and with a single or multi-armed brackets for mounting luminaires, columns height of 9 m to 12 m |                 |                 |              |
| Column No. 14 – steel lighting columns of circular cross-section and a conical shape with no brackets for mounting luminaires and with a single or multi-armed brackets for mounting luminaires, columns height of 7 m to 12 m |                 |                 |              |
| Column No. 15 – steel lighting columns of circular cross-section and a conical shape with a support structure from 12 m to 18 m high and from 12 m to 18 m high without a support structure for mounting luminaires            |                 |                 |              |
| Column No. 16 – steel lighting columns of circular cross-section and a conical shape with single-arm bracket for mounting luminaires, columns height of 7 m to 12 m                                                            |                 |                 |              |

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**Annex No. Z-1488-CPR-0003/W page 3/4**  
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| Types of lighting columns                                                                                                                                                                                            |             |              |              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|--------------|
| 17                                                                                                                                                                                                                   | 18          | 19           | 20           |
| ASTRA P D 7                                                                                                                                                                                                          | AGENA P 8   | AGENA PL 12  | BELIER P 10  |
| ASTRA P D 8                                                                                                                                                                                                          | AGENA P 10  | AGENA PL 14  | BELIER P 12  |
| ASTRA P D 9                                                                                                                                                                                                          | AGENA P 12  | AGENA PL 16  | BELIER P 14  |
| ASTRA P D 10                                                                                                                                                                                                         | AGENA P 14  | AGENA PL 18* | BELIER P 16  |
| ASTRA P D 11                                                                                                                                                                                                         | AGENA P 16  |              | BELIER P 18* |
| ASTRA P D 12                                                                                                                                                                                                         | AGENA P 18* |              | BELIER P 20* |
|                                                                                                                                                                                                                      | AGENA P 20* |              |              |
| Column No. 17 – steel lighting columns of circular cross-section and a conical shape with double-arm bracket for mounting luminaires, columns height of 7 m to 12 m                                                  |             |              |              |
| Column No. 18 – steel lighting columns of polygonal cross-section and a conical shape with a support structure from 8 m to 18 m high and from 8 m to 20 m high without a support structure for mounting luminaires   |             |              |              |
| Column No. 19 – steel lighting columns of polygonal cross-section and a conical shape with a support structure from 12 m to 18 m high and from 12 m to 18 m high without a support structure for mounting luminaires |             |              |              |
| Column No. 20 – steel lighting columns of polygonal cross-section and a conical shape with a support structure from 10 m to 18 m high and from 10 m to 20 m high without a support structure for mounting luminaires |             |              |              |
| * applies to structures without support structures                                                                                                                                                                   |             |              |              |

The types of columns covered by this certificate entering the European markets are identified in a different way, e.g. FIN 76/208/3/11100, UK 16/452/581/4/7400, NL 0/60/130/3/5000.

The stems of columns (Col.1-Col.20) are made of S235JR; S355J0 or S235J2 steel (sheet thickness 2,2; 2,5; 3; 4; 5 and 6 mm), the basis of the columns are made of S235JR; S355J0; S235J2 (sheet thickness 8; 10; 12; 14; 16; 18; 20; 25; 30; 35; 40) or 420 MC steel (sheet thickness 6,0 mm), the brackets for mounting luminaires are made of S235JRG2 (pipes diameter: 48; 51; 60,3; 70; 76; 89; 101,6; 108 mm). The basis of the columns are fixed with M24 anchors to the prefabricated foundations F-150/43 according to the manufacturer's instructions.

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**Annex No. Z-1488-CPR-0003/W page 4/4**  
**which is an integral part of the certificate No. 1488-CPR-0003/W**

**Essential characteristics, performance and intended use**

| Essential characteristics                                                    | Performance                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                              | Level, class or description                                                                                                                                                                                                                                                                       |
| Resistance to horizontal loads                                               | The lighting columns are resistant on the loads calculated in accordance with the requirements of EN 40-3-1: 2013 and EN 40-3-3: 2013, specified in the document „DANE TECHNICZNE Słupy oświetleniowe sklasyfikowane pod względem bezpieczeństwa biernego” VALMONT Polska Sp. z o.o, 10 maja 2017 |
| Performance under vehicle impact (passive safety) according to EN 12767:2007 | Class 0                                                                                                                                                                                                                                                                                           |
| Durability                                                                   | Protection against corrosion by hot dip galvanizing according to EN ISO 1461: 2009                                                                                                                                                                                                                |
| Intended use: road lighting for circulation areas                            |                                                                                                                                                                                                                                                                                                   |

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