

DECLARATION OF PERFORMANCE ZP3XLZP10.A.01

- 1 *Unique identification code of the product:* **ZP3XLZP10**
Steel lighting column according EN40-5
- 2 *Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11 (4):*
Serial number according the following construction:
13ZP00001
Production year ZP Unique serial number
- 3 *Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:*
Columns for public lighting in traffic areas according EN 40-5
- 4 *Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):*
Safety Product, Beverlosesteenweg 100, 3580 Beringen, Belgium
- 5 *Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12 (2):* : **not applicable**
- 6 *The system or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:*
System 1, Declaration of the performance of the essential characteristics of the construction product by the manufacturer
- 7 *In case of the declaration of performance concerning a construction product covered by a harmonized standard:*
OCAB-OCBS CE1148 performed under system 1 determination of the product-type on the basis of type calculation and initial inspection of the manufacturing plant and the factory production control and continuous surveillance, assessment and evaluation of factory production control and issued certificate of performance **20080603**.
- 8 *In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:* **not applicable**
- 9 *Declared performance*

| NBN EN 40-5 : 2002 | | |
|---|---|---|
| Essential characteristics | Performance | Harmonised technical specification (see note 3) |
| Resistance to horizontal loads | By calculation – Program Ceqmas List attached to this document | Articles 6 and 8 |
| Performance under impact (passive safety) | 100-HE-E-S-NS-MD-1 according EN12767 | Article 16 |
| Durability | ZnMgAl coating according EN10346 | Article 11 |

Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies: not applicable

- 10 *The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of the manufacturer by:*


Carolien Willems - Director
(name and function)

Olen, 30/04/2020
(place and date of issue)

(signature)



| Reference wind velocity at 10m above sea level (m/s) | Mean return period for wind (years) | Terrain category | Partial load factors | Bracket | Height lamp (m) | Scx (m ²) | Weight (kg) | Deflection (%) |
|--|-------------------------------------|------------------|----------------------|---------|-----------------|-----------------------|-------------|----------------|
| 23,00 | 25 | 2 | b | S0,1 | 15 | 0,20 | 50 | 4% |
| 23,00 | 25 | 2 | b | R1,5 | 15 | 0,15 | 20 | 4% |
| 23,00 | 25 | 2 | b | T1,5 | 15 | 0,15 | 20 | 6% |
| 25,00 | 25 | 2 | b | S0,1 | 15 | 0,20 | 50 | 4% |
| 25,00 | 25 | 2 | b | R1,5 | 15 | 0,15 | 20 | 4% |
| 25,00 | 25 | 2 | b | T1,5 | 15 | 0,15 | 20 | 6% |
| 26,00 | 25 | 2 | b | S0,1 | 15 | 0,20 | 50 | 4% |
| 26,00 | 25 | 2 | b | R1,5 | 15 | 0,15 | 20 | 4% |
| 26,00 | 25 | 2 | b | T1,5 | 15 | 0,15 | 20 | 6% |
| 27,00 | 25 | 2 | b | S0,1 | 15 | 0,20 | 50 | 4% |
| 27,00 | 25 | 2 | b | R1,5 | 15 | 0,15 | 20 | 4% |
| 27,00 | 25 | 2 | b | T1,5 | 15 | 0,10 | 20 | 6% |
| 28,00 | 25 | 2 | b | S0,1 | 15 | 0,20 | 50 | 4% |
| 28,00 | 25 | 2 | b | R1,5 | 15 | 0,15 | 20 | 4% |
| 28,00 | 25 | 2 | b | T1,5 | 15 | 0,15 | 15 | 6% |
| 29,00 | 25 | 2 | b | S0,1 | 15 | 0,20 | 50 | 4% |
| 29,00 | 25 | 2 | b | R1,5 | 15 | 0,15 | 20 | 4% |
| 29,00 | 25 | 2 | b | T1,5 | 15 | 0,10 | 10 | 6% |
| 30,00 | 25 | 2 | b | S0,1 | 15 | 0,20 | 50 | 4% |
| 30,00 | 25 | 2 | b | R1,5 | 15 | 0,15 | 20 | 4% |
| 30,00 | 25 | 2 | b | T1 | 15 | 0,10 | 10 | 4% |

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|---|
|  1148 |
| Safety Product nv, Beverlosesteenweg 100, B-3580 Beringen, Belgium 08 1148-BPR-20080603 |
| EN 40-5:2002 Steel road lighting columns for circulation areas ZIPpole3XL ZP3XLZP10 Resistance to horizontal loads: see table Performance under impact (passive safety): Class 100-HE-E-S-NS-MD-1 |

30/04/2020

