

DECLARATION OF PERFORMANCE

No ZP2-10.B.03

- 1 *Unique identification code of the product-type:* **ZP2-10**
Steel lighting column according EN40-5
- 2 *Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:*
Columns for public lighting in traffic areas according EN 40-5
- 3 *Manufacturer, Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5) of Regulation (EU) No 305/2011):*
Safety Product, Beverlosesteenweg 100, 3580 Beringen, Belgium
- 4 *Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12 (2):* : **not applicable**
- 5 *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
- 6 *In case of the declaration of performance concerning a construction product covered by a harmonized standard:*
 - a) EN40-5
 - b) Procertus 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 constancy of performance no. 0965-CPR-40/2912.
- 7 *Declared performance*

Essential characteristics	Performance	Technical specification
Resistance to horizontal loads	By calculation – Program Ceqmas List attached to this document	EN40-5
Performance under impact (passive safety)	100-HE-C-S-NS-MD-1	EN12767
Durability	Galvanized according EN1461 Area A-B-C	EN40-5

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

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above. Signed for and on behalf of the manufacturer by:

Carolien Willems - Director
(name and function)

Olen, 22/04/2024
(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 (%)
24,00	50	2	a	S0,1	10	0,06	10	4%
24,00	50	2	a	S1	11	0,06	10	4%
24,00	50	2	a	R0,5	10	0,06	10	4%
24,00	50	2	a	R1,5	10	0,06	10	4%
24,00	50	1	a	R1,5	10	0,05	13	4%
26,00	50	2	a	S0,1	10	0,20	20	4%
26,00	50	2	a	R0,5	10	0,20	20	4%
26,00	50	2	a	R1,5	10	0,15	20	6%
26,20	25	2	b	S0,1	10	0,17	35	4%
26,20	25	2	b	S2	12	0,17	35	4%
26,20	25	2	b	R1	10	0,14	25	6%
26,20	25	2	b	R1,5	10	0,14	25	6%
26,20	25	2	b	R2-0,5	12	0,14	25	6%
26,20	25	2	b	T0,1	10	0,14	25	6%
26,20	50	2	b	S0,1	10	0,20	20	4%
26,20	50	1	b	S0,1	10	0,20	20	4%
26,20	35	1	a	S0,1	10	0,25	20	4%
27,00	50	2	a	S0,1	10	0,20	20	4%
27,50	50	2	b	S2	12	0,17	20	6%
27,50	50	2	a	S0,1	10	0,20	20	4%
27,50	50	2	b	T1,25	10	0,10	20	6%
27,50	25	2	b	T1,5 15°	10	0,10	15	6%
27,50	50	2	a	R1,5	10	0,10	20	6%
27,50	50	2	b	R2	10	0,10	20	6%
28,00	50	2	a	S0,1	10	0,20	20	4%
28,00	25	2	b	R2,1	10	0,10	10	6%
28,00	25	2	b	C1-1,5 - R1-1,5	11	0,15	15	6%
29,00	50	2	a	S0,1	10	0,20	20	4%
30,00	25	2	a	S0,1	10	0,20	25	4%
30,00	25	2	a	R1,25	10	0,10	10	4%
30,00	25	2	b	R2	10	0,10	10	6%

22/04/2024
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