



Ydeevnedeklaration

NR. SQS 00095-D

1. Byggevaretype:	Aluminium lysmaster
2. Byggevareidentifikation:	SeriPole Lysmast
3. Byggevarens tilsigtede anvendelse(r):	Eftergivelige master til lysmaster
4. Fabrikantens navn og adresse:	Seri Q Sign A/S Stærmosegårdvej 30 DK-5230 Odense M
5. Navn og adresse på den bemyndigede repræsentant:	Ikke relevant
6. Systemerne for vurdering og kontrol af konstansen af byggevarens ydeevne (AVCP):	System 1
7. Harmoniseret standard & Notificeret Organ: Har udført Efter system Og udstedt	EN 40-6:2002 DBI Certification A/S nr. 2531 Indledende inspektion af fabriksanlæg og fabrikkens egen produktionskontrol samt kontinuerlig overvågning, vurdering og evaluering af fabrikkens egen produktionskontrol. 1 Overensstemmelsesattest for fabrikkens egen produktionskontrol (nr. 2531-CPR-CSC10018)
8. Deklareret ydeevne: Se følgende sider.	

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Type	Classifications		
Product identification incl. eventual variants (accepted by test lab) Material: Post: Cross-section: 140 mm Wall thickness: 3 mm Aluminium Alloy: $R_{p0,2} \geq 200$ MPa Anodizing 20 μm, nature Bracket: Outer diameter: 50 mm Wall thickness: 10 mm Aluminium Alloy: $R_{p0,2} \geq 200$ MPa Anodizing 20 μm, nature Steel bar: Quality: S355J2G3C $F_y \geq 355$ MPa Coating: Chemlock 8310 Primer Glue: Sikadur-330 (epoxy resin) Tensile strength 30 MPa, E=4500 MPa	140 mm SeriPole Lighting Column with a maximum length of 10 m		
		Double bracket	Single bracket
	Partial load factors	Class A	Class A
	Maximum horizontal deflection	Class 3	Class 2
	Wind velocity $v_{b,0}$	Max 24 m/s	Max 24 m/s
	Terrain categori	II	II
	Bracket length	Max 0.50 m	Max 1.50 m
	Weight of lantern	Max 10 kg	Max 10 kg
	Exposed area of lantern	Max 0.10 m ²	Max 0.10 m ²
	Speed class	100	100
	Energy absorption category	LE	LE
	Occupant safety class	D	D
	Backfill type	S	S
	Collapse mode	SE	SE
	Direction class	SD	SD
	Risk of roof indentation	1	1
	140 mm SeriPole Lighting Column with a maximum length of 9 m		
		Double bracket	Single bracket
	Partial load factors	Class A	Class A
	Maximum horizontal deflection	Class 3	Class 2
	Wind velocity $v_{b,0}$	Max 27 m/s	Max 27 m/s
	Terrain categori	II	II
	Bracket length	Max 1.50 m	Max 1.50 m
	Weight of lantern	Max 10 kg	Max 10 kg
	Exposed area of lantern	Max 0.10 m ²	Max 0.10 m ²
	Speed class	100	100
	Energy absorption category	LE	LE
	Occupant safety class	D	D
	Backfill type	S	S
	Collapse mode	SE	SE
	Direction class	SD	SD
	Risk of roof indentation	1	1
	140 mm SeriPole Lighting Column with a maximum length of 9 m		
		Double bracket	Single bracket
	Partial load factors	Class A	Class A
	Maximum horizontal deflection	Class 2	Class 1
	Wind velocity $v_{b,0}$	Max 24 m/s	Max 24 m/s
	Terrain categori	II	II
	Bracket length	Max 1.50 m	Max 1.50 m
	Weight of lantern	Max 10 kg	Max 10 kg
	Exposed area of lantern	Max 0.10 m ²	Max 0.10 m ²
	Speed class	100	100
	Energy absorption category	LE	LE
	Occupant safety class	D	D
	Backfill type	S	S
	Collapse mode	SE	SE
	Direction class	SD	SD
	Risk of roof indentation	1	1

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140 mm SeriPole Lighting Column with a maximum length of 8 m

	Double bracket	Single bracket
Partial load factors	Class A	Class A
Maximum horizontal deflection	Class 2	Class 1
Wind velocity $v_{b,0}$	Max 27 m/s	Max 27 m/s
Terrain categori	II	II
Bracket length	Max 1.50 m	Max 1.50 m
Weight of lantern	Max 10 kg	Max 10 kg
Exposed area of lantern	Max 0.10 m ²	Max 0.10 m ²
Speed class	100	100
Energy absorption category	LE	LE
Occupant safety class	D	D
Backfill type	S	S
Collapse mode	SE	SE
Direction class	SD	SD
Risk of roof indentation	1	1

140 mm SeriPole Lighting Column with a maximum length of 8 m

	Double bracket	Single bracket
Partial load factors	Class A	Class A
Maximum horizontal deflection	Class 1	Class 1
Wind velocity $v_{b,0}$	Max 24 m/s	Max 24 m/s
Terrain categori	II	II
Bracket length	Max 1.50 m	Max 1.50 m
Weight of lantern	Max 10 kg	Max 10 kg
Exposed area of lantern	Max 0.10 m ²	Max 0.10 m ²
Speed class	100	100
Energy absorption category	LE	LE
Occupant safety class	D	D
Backfill type	S	S
Collapse mode	SE	SE
Direction class	SD	SD
Risk of roof indentation	1	1

General**Durability (According to EN 12899-1:2007):**

Corrosion resistance (supports) Aluminium	SP1 for aluminium, pin bolts , washers and nuts. SP1 for spacer and top lid.
Resistance to penetration of dust and water	Top of lighting column is sealed with a lid.



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9. Ydeevnen for den byggevare, der er anført i punkt 1 og 2, er i overensstemmelse med den deklarerede ydeevne i punkt 8.

Denne ydeevnedeklaration udstedes på eneansvar af den fabrikant, der er anført i punkt 4.
Underskrevet for og på vegne af fabrikanten af:

Odense 2020-05-15, Paul Pedersen, Produktionschef