FORMENTA

DECLARATION OF PERFORMANCE

No. 1

- 1.! Product Type: Formenta Lighting columns 3-6m , Article Group 10
- 2.! Intended use: Road lighting columns, Walking and cycling roads, parks , parking lots and the like.
- 3.! Manufacturer: Formenta International AB , Box 525, SE 33125 , Värnamo, Sweden (www.formenta.se)
- 4.! The system of assessment and verification of constancy of performance: System 1
- 5.! Harmonized standard EN 40-7:2002
 - SP Sveriges Tekniska Forskningsinstitut, Notified body no. 0402 Certificate No: 0402 - CPR - SC0024-14
- 6.! Specified performance:
 - Terrain Class I

Partial load factor Class A

heightspeeddeflectionattached to column3 M34 m/sClass 20.120 m²12 kg4 M34 m/sClass 30.120 m²12 kg5 M34 m/sClass 30.100 m²6-7 kg0.095 m²8-10 kg0.090 m²12 kg6 M28 m/sClass 30.110 m²6 kg0.100 m²9-10 kg0.095 m²12 kgClass 30.110 m²6 kg0.100 m²9-10 kg0.095 m²12 kgClassification: Performance under vehicle impactClassification: Performance under vehicle impactClassification: DurabilityClass fication: DurabilityClass fication: DurabilityClassification: DurabilityClassification: DurabilitySurface FinishClassification: DurabilityPigmentationSurface FinishClau edgesProduct DescriptionDescriptionClau MaterialClau materialClau materialClau materialClau materiaClau materiaClau materiaClau materiaClau materiaClau materiaClau materiaClau materiaClau materiaClau materia<	Column	Wind	Horizontal	Max. size of lan	Max. size of lantern		
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6 M 28 m/s Class 3 0.095 m² 8-10 kg 0.090 m² 12 kg 6 M 28 m/s Class 3 0.110 m² 6 kg 0.105 m² 7-8 kg 0.100 m² 9-10 kg 0.095 m² 12 kg 0.095 m² 12 kg Classification: Performance under vehicle impact Performance under vehicle impact (passive safety) according to EN 12767:2000 Value Columns 3 - 6 M Class (No value) Classification: Durability Classification: Durability Pigmentation Inked Polyester Surface Finish Gelcoat Cut edges Pigmented top coating Reinforcement frame Glued to door opening Product Description Secription Column Material Sa d 6 m Column base diameter 108(t/-31 mm Column base diameter 60(t/-31.2 mm Column base diameter 5.0 mm	4 M	34 m/s	Class 3	0.120 m ²	12 kg		
6 M 28 m/s Class 3 0.110 m ² 6 kg 0.105 m ² 7-8 kg 0.100 m ² 9-10 kg 0.095 m ² 12 kg Classification: Performance under vehicle impact Performance under vehicle impact (passive safety) according to EN 12767:2000 Value Columns 3 - 6 M Class Class (No value) Classification: Durability Characteristic and part Description Durability Pigmentation Inked Polyester Surface Finish Gelcoat Cut edges Pigmented top coating Reinforcement frame Glued to door opening Product Description Materials, dimensions etc Description Column Material Column height 3, 4, 5 and 6 m Column base diameter 108(t/-3)1.2 mm Material thickness at bottom 5.0 mm	5 M	34 m/s	Class 3	0.100 m ²	6-7 kg		
6 M 28 m/s Class 3 0.110 m² 6 kg 0.105 m² 7.8 kg 0.100 m² 9-10 kg 0.095 m² 12 kg 2 Classification: Performance under vehicle impact Performance under vehicle impact (passive safety) according to EN 12767:2000 Value Columns 3 - 6 M Class (No value) Classification: Durability Classification: Durability Classification: Durability Classification: Durability Pigmentation Surface Finish Cut edges Product Description Product Description Materials, dimensions etc Column height Column height Glass fibre reinforced polyester Glass fibre reinforced polyester Class Description Class fibre reinforced polyester Glued to door opening Product Description Class fibre reinforced polyester Column				0.095 m^2	8-10 kg		
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0.095 m ² 12 kg Classification: Performance under vehicle impact Performance under vehicle impact (passive safety) according to EN 12767:2000 Value Columns 3 – 6 M Class (No value) Classification: Durability Characteristic and part Description Durability Pigmentation Inked Polyester Surface Finish Gelcoat Cut edges Pigmented top coating Reinforcement frame Glued to door opening Product Description Materials, dimensions etc Description Column Material Glass fibre reinforced polyester Column height 3, 4, 5 and 6 m Column top diameter Material thickness at bottom 5.0 mm				0.105 m ²	7-8 kg		
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Column top diameter60(+/-)1.2 mmMaterial thickness at bottom5.0 mm	Column height						
Material thickness at bottom 5.0 mm	Column base diameter					108(+/-)1 mm	
	Column top diameter					60(+/-)1.2 mm	
Distance into soil 0.5 m	Material thi	ckness at bottom				5.0 mm	
	Distance inf	o soil				0.5 m	

7.! This declaration of performance is available on Formenta website (www.formenta.se)

The performance of the above product complies with the specified performance. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 on its own responsibility of the manufacturers listed above.

Signed on behalf of the manufacturer of: Värnamo, 2015-01-06

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Peter Nyholm, Technical Manager