

Speed of opening, stability, descent rate

Inspection certificate number: **EP_329.2021**

Test Report

Manufacturer data

Manufacturer name: **Woody Valley srl**
 Representative: **Simone Caldana**
 Street: **Via Linz 23**
 Post code / Place: **38121 Trento**
 Country: **Italy**

Sample data

Name: **Quadro light** Size: **120**
 Steerable ⁽¹⁾: **No** Maximum weight in flight ⁽²⁾ [kg]: **120**
 Weight ⁽³⁾ [kg]: **1.31** volume packed [cm³]: **6048**
 Serial number: **202004-2102**

Test data ⁽⁴⁾

	Test no. 1	Test no. 2
Place of test:	Villeneuve	Villeneuve
Date of test:	26.02.2021	03.03.2021
Inspector:	Alexandre Jofresa	Alexandre Jofresa

Atmosphere AGL

	Test no. 1	Test no. 2
[°C]	7.8	7.2
RH [%]	76	75
[hPa]	973.7	987.7
Wind [m/s]	0.2	0.1

Summary of both results ⁽⁵⁾

	EN	NfL
Time of opening test [s]:	3.99	3.99
Calculated descent rate test [m/s]:	5.25	5.25
Stability test:	POSITIVE	POSITIVE
Behaviour during descent test:	Stable	Stable
Glider ratio:	POSITIVE	

If steerable:

Any flight procedure and/or configuration described in the user's manual	N/A	N/A
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Strength test - 40 m/s opening shock

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 Representative: **Simone Caldana**
 Street: **Via Linz 23**
 Post code / Place: **38121 Trento**
 Country: **Italy**

Sample data

Name: **Quadro light** Size: **120**
 Steerable: **No** Maximum weight [kg]: **120**
 Weight [kg]: **1.31** volume packed [cm³]: **6048**
 Serial number: **2020-03**

Test data ⁽¹⁾

	Test no. 1	Test no. 2
Place of test	St-Cierge	St-Cierge
Date of test	12.05.2021	24.06.2021
Corrected mass [kg]	114.32	115.19
Inspector:	Alain Zoller	Alain Zoller

Atmosphere AGL

[°C]	16	15
RH [%]	64	59
[hPa]	961	965
Wind [m/s]	1.7	0.2

Test results

	Test no. 1	Test no. 2
Strength test (40m/s shock)	POSITIVE	POSITIVE
Aircraft speed uncertainty K=2 [m/s] ⁽²⁾	2.9	2.9

Item / type no.	Validity	Manufacturer	S/N
Weight	check every 12 months	Air Turquoise SA	N/A
Geos n° 11	18.06.2025	JDC elec.	Unit11
Weak link	continuously	Tost	N/A