

## TEST CERTIFICATE No. 372233/RF7738

issued pursuant to section 8 of decree of the Ministry of the Interior dated 26 June 1984 regarding "Classification of reaction to fire and type approval of materials for fire prevention" (Ordinary Supplement of Official Journal No. 234 dated 25 August 1984) as amended by decree of the Ministry of the Interior dated 3 September 2001 (Official Journal No. 242 dated 17 October 2001)

In view of the test results obtained, we certify that the  
**furnishing material**

manufactured by  
**LUXY S.p.A.**  
Strada Provinciale Almisano, 6 - 36045 LONIGO (VI) - Italy

named  
**SERIE SMARTLIGHT modello EX1**  
(*SMARTLIGHT SERIES, model EX1*)

used as  
**furniture (chair)**

is assigned, in conformity with standard UNI 9177, the reaction to fire class

**1 (one)**

This certificate is only valid for the test specimens.

Bellaria-Igea Marina - Italy, 16 June 2020

Chief Executive Officer

File:  
84088

Activity site:  
Istituto Giordano S.p.A. - Strada Erbosa Uno, 80 -  
47043 Gatteo (FC) - Italy

This document is made up of 1 page and is supplemented by 1 annex with the test results and manufacturer's technical documentation.

This document shall not be reproduced except in full without extrapolating parts of interest at the discretion of the customer, with the risk of favoring an incorrect interpretation of the results, except as defined at contractual level.

This document is the English translation of the test certificate No. 372233/RF7738 dated 16 June 2020 issued in Italian; in case of dispute the only valid version is the Italian one.

Date of translation: 2 May 2023.

The results relate only to the item examined, as received, and are valid only in the conditions in which the activity was carried out.

Head of Reaction to Fire Laboratory:  
Dott. Ing. Giombattista Traina

Compiler: Valentina Rocchi

Reviewer: Per. Ind. Andrea Golinucci

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<b>ISTITUTO GIORDANO S.p.A. - Reaction to Fire Laboratory - Code No. RN01RF01</b>								
TEST REPORT No. 372233/RF7738					FILE No. 84088			
furnishing material					Commercial name: SERIE SMARTLIGHT modello EX1			
Ministerial Decree dated 26 June 1984 as amended by Ministerial Decree dated 3 September 2001 - TEST METHOD: UNI 8457 and UNI 8457/A1								
Description:		polyester-mesh-fabric chair as per enclosed technical documentation						
Position:		vertical, without non-combustible support						
Applicable resolutions:		circular 1/2016						
Preparation:		UNI 9176 (January 1998) - method "D"						
Specimen [No.]	After-flame time		After-glow time		Char length		Flaming droplets/particles	
	[s]	[level]	[s]	[level]	[mm]	[level]	[noted]	[level]
1	4	1	0	1	110	1	none	1
2	5	1	0	1	105	1	none	1
3	4	1	0	1	100	1	none	1
4	5	1	0	1	110	1	none	1
5	5	1	0	1	108	1	none	1
6	5	1	0	1	107	1	none	1
7	4	1	0	1	106	1	none	1
8	5	1	0	1	110	1	none	1
9	5	1	0	1	105	1	none	1
10	6	1	0	1	110	1	none	1
<b>Parameter</b>				<b>Level assigned</b>		<b>CATEGORY</b>		
After-flame time				1		I		
After-glow time				1				
Char length				1				
Flaming droplets/particles				1				
Notes: – specimen cutting direction: length direction from 1 to 5 and width direction from 6 to 10.								
Date: 10 June 2020								

ISTITUTO GIORDANO S.p.A. - Reaction to Fire Laboratory - Code No. RN01RF01								
TEST REPORT No. 372233/RF7738				File No. 84088				
furnishing material				Commercial name: SMARTLIGHT SERIES, model EX1				
Ministerial Decree dated 26 June 1984 as amended by Ministerial Decree dated 3 September 2001 - TEST METHOD: UNI 9174 and UNI 9174/A1								
Description: polyester-mesh-fabric chair as per enclosed technical documentation				Applicable circular 1/2016 resolutions:				
Position: wall, without non-combustible support				Preparation: UNI 9176 (January 1998) - method "D"				
Time [s] taken by flame front to cover the distance of 50 mm between two consecutive reference lines				Average rate of spread [mm/s] of the flame front between two consecutive reference lines				
mm	Specimen No.			mm	Specimen No.			
	1	2	3		1	2	3	
50	---	---	---	50	---	---	---	
100	//	//	//	100	---	---	---	
150				150	//	//	//	
200				200				
250				250				
300				300				
350				350				
400				400				
450				450				
500				500				
550				550				
600				600				
650				650				
700				700				
750				750				
800				800				
After-glow time [s]	n. d.	n. d.	n. d.	Average rate [mm/min]	n. d.	n. d.	n. d.	
Char length [mm]	< 100	< 100	< 100	Flaming droplets/particles	none	none	none	
Parameter	Level			Level assigned	CATEGORY			
	Specimen No. 1	Specimen No. 2	Specimen No. 3					
Rate of spread of flame front	1	1	1	1	I			
Char length	1	1	1	1				
Tempo di post-incandescenza	1	1	1	1				
Gocciolamento	1	1	1	1				
Notes: – specimen cutting direction: length direction; – n. d.: not determinable; – rate of spread of flame is not determinable when the flame fails to reach the 150 mm reference line; – after-glow time is <u>not determinable</u> when the flame fails to reach the 300 mm reference line.								
Date: 10 June 2020								

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TEST REPORT No. 372233/RF7738					File No. 84088			
furnishing material					Commercial name: SMARTLIGHT SERIES, model EX1			
Ministerial Decree dated 26 June 1984 as amended by Ministerial Decree dated 3 September 2001 - TEST METHOD: UNI 9174 and UNI 9174/A1								
Description: polyester-mesh-fabric chair as per enclosed technical documentation					Applicable circular 1/2016 resolutions:			
Position: wall, without non-combustible support					Preparation: UNI 9176 (January 1998) - method "D"			
Time [s] taken by flame front to cover the distance of 50 mm between two consecutive reference lines					Average rate of spread [mm/s] of the flame front between two consecutive reference lines			
mm	Specimen No.			mm	Specimen No.			
	1	2	3		1	2	3	
50	---	---	---	50	---	---	---	
100	//	//	//	100	---	---	---	
150				150	//	//	//	
200				200				
250				250				
300				300				
350				350				
400				400				
450				450				
500				500				
550				550				
600				600				
650				650				
700				700				
750				750				
800				800				
After-glow time [s]	n. d.	n. d.	n. d.	Average rate [mm/min]	n. d.	n. d.	n. d.	
Char length [mm]	< 100	< 100	< 100	Flaming droplets/particles	none	none	none	
Parameter	Level			Level assigned	CATEGORY			
	Specimen No. 1	Specimen No. 2	Specimen No. 3					
Rate of spread of flame front	1	1	1	1	I			
Char length	1	1	1	1				
After-glow time	1	1	1	1				
Flaming droplets/particles	1	1	1	1				
Notes: – specimen cutting direction: width direction; – n. d.: not determinable; – rate of spread of flame is <u>not determinable</u> when the flame fails to reach the 150 mm reference line; – after-glow time is <u>not determinable</u> when the flame fails to reach the 300 mm reference line.								
Date: 10 June 2020								