

Laboratory compilerised by the Ministry of the Interior with code No. RN01RF01 dated 13/05/2010 (Official Journal No. 126 dated 01/06/2010)

## **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

A -A1. .ta. . .

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

Page 1 of 1



ISTITUTO GIORDANO S.p.A Reaction to Fire Laboratory - Code No. RN01RF01					
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"

Treparation. ON 5170 (sandary 1556) Thethou B								
Specimen	After-flame time		After-glow time		Char length		Flaming droplets/particles	
[No.]	[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

Parameter	Level
	assigned
After-flame time	1
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



			-	Reaction to	o Fire Labora	-				
TEST REPORT No. 372233/RF7738					File No. 84088					
furnishing material					Commercial name: SMARTLIGHT SERIES, model EX1					
				ecree dated 2						
				otember 2001	ı			)174/A1		
Description: polyester-mesh-fabric chair as per en technical documentation					enclosed Applicable circular 1/2016 resolutions:					
Position:	wall, w	ithout non-c	ombustible s	support	Preparatio	n: UNI 91	.76 (January :	1998) - metl	nod "D"	
	-		to cover the cutive refere							
			Specimen No	0.			Specimen No.			
	mm	1	2	3		mm	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-glov	w time [s]	n. d.	n. d.	n. d.		Average rate [mm/min] n. d.		n. d.	n. d.	
Char leng	gth [mm]	< 100	< 100	< 100		ning /particles	none none		none	
Parameter				Level		Level	CATEGORY			
				Specimen No. 1	Specimen Specimen No. 2 No. 3		assigned			
Rate of spi	read of flam	e front		1	1	1	1			
Char lengt	h			1	1	1	1	•		
Tempo di <sub>l</sub>	oost-incande	escenza		1	1	1	1			
Gocciolam	ento			1	1	1	1			

- 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  $\underline{not\ determinable}$  when the flame fails to reach the 300 mm reference line.

Date: 10 June 2020

ISTITUTO GIORDANO S.p.A. - Reaction to Fire Laboratory - Code No. RN01RF01



v time [s]	n. d. < 100 ameter	n. d. < 100	n. d. < 100  Specimen No. 1	[mm/	/min] ning	n. d. none  Level assigned	n. d. none CATE	n. d. none	
v time [s]	< 100		< 100 Specimen	[mm, Flan droplets/	/min] ning /particles  Specimen	none Level	none	none	
v time [s]	< 100			[mm/ Flan droplets/	/min] ning	none	none	none	
w time [s]				[mm/ Flan	/min] ning				
w time [s]				[mm/ Flan	/min] ning				
	n. d.	n. d.	n. d.			n. d.	n. d.	n. d.	
800								1	
					800				
750					750				
700					700				
650					650				
600					600				
550					550				
500					500				
450					450				
400					400				
350					350				
300					300				
250					250				
200					200				
150					150	//	//	//	
100	//	//	//		100				
50					50				
mm	1	2	3		mm	1	2	3	
		Specimen No	0.			S	pecimen No		
_					-	<del>-</del>	_		
				·		<u> </u>	<u> </u>		
technic	cal documen	tation		resolutions:					
				1			NI 9174/A1		
		Ministerial [	Decree dated	1 26 June 198		-	model EXI		
fu	ırnishing ma	terial		Commercial name:					
		•	3	File No. 84088					
5	by Minis n: polyest technic wall, w s] taken by nm between  mm  50  100  150  200  250  300  350  400  450  500  500  600  650  700  750	by Ministerial Decre n: polyester-mesh-fak technical documen wall, without non-o s] taken by flame front mbetween two conse  mm 1 50 100 // 150 200 250 300 350 400 450 500 550 600 650 700	Ministerial I by Ministerial Decree dated 3 Sets in: polyester-mesh-fabric chair as technical documentation wall, without non-combustible is taken by flame front to cover the imbetween two consecutive refers specimen Not mm 1 2 50 100 // // 150 200 250 300 350 400 450 500 550 600 650 700 750	Ministerial Decree dated by Ministerial Decree dated 3 September 200 n: polyester-mesh-fabric chair as per enclosed technical documentation wall, without non-combustible support so taken by flame front to cover the distance numbetween two consecutive reference lines    Specimen No.  mm 1 2 3  50  100 // // //  150 200 250 300 350 400 450 500 550 600 650 700 750	furnishing material  Ministerial Decree dated 26 June 198 by Ministerial Decree dated 3 September 2001 - TEST ME n: polyester-mesh-fabric chair as per enclosed technical documentation wall, without non-combustible support  Staken by flame front to cover the distance mbetween two consecutive reference lines  Specimen No.  mm 1 2 3  50  100 // // //  150 200 250 300 350 400 450 500 550 600 650 700 750 750	Ministerial Decree dated 26 June 1984 as amend by Ministerial Decree dated 3 September 2001 - TEST METHOD: UNI n: polyester-mesh-fabric chair as per enclosed technical documentation wall, without non-combustible support   Preparation: UNI 91	Ministerial Decree dated 26 June 1984 as amended by Ministerial Decree dated 3 September 2001 - TEST METHOD: UNI 9174 and Unit polyester-mesh-fabric chair as per enclosed technical documentation wall, without non-combustible support without non-combustible support is taken by flame front to cover the distance in between two consecutive reference lines in minimum in the support is specimen No.    Martin	Ministerial Decree dated 26 June 1984 as amended	

- 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