



Notified Body nr. 0336

Certificate of constancy of performance

0336 – CPR – 89219220

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s)

Natural smoke and heat exhaust ventilator with intended use to be installed as a component of natural smoke and heat exhaust system

Specified by the commercial name(s)
LAMLIGHT V2

placed on the market under the name or trade mark
SOUCHIER-BOULLET S.A.S,
PARC SEGRO - ZAC DE LAMIRAULT, 42 RUE DE LAMIRAULT, CS 20762, 77090
COLLEGIEN - France

and produced in the manufacturing plant(s)
SOUCHIER-BOULLET S.A.S,
11 rue du 47ème Régiment d'Artillerie, 70400 HERICOURT, France

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of standard(s)

EN 12101-2:2003

under system 1 for the performances set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product

This certificate was first issued on 30th June 2021 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods, nor the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the notified product certification body.

TÜV Rheinland Nederland BV
Westervoortsedijk 73, gebouw SB
NL – 6827 AV Arnhem
The Netherlands

Arnhem, 28th June 2023

J. de Wolff, Local Field Manager

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Annex 1
Natural smoke and heat exhaust ventilator

Commercial name :
LAMLIGHT V2

Field of Application :

Roof installation	
Opening angle	$90^{\circ} \pm 2^{\circ}$
Max. pitch of roof	60°
Overall dimensions (F = Flange*)	$L = L_{pa} + (2 \times F)$
	$H = H_{pa} + (2 \times F)$
Throat dimensions	$500 \leq L_{pa} \leq 2420 \text{ mm}$
	$377 \leq H_{pa} \leq 3577 \text{ mm}$
Geometric area (Av)	$Av_{max} \leq 7,00 \text{ m}^2$

*Flange of frame $100 \leq F \leq 500 \text{ mm}$

*Standard flange $F = 140 \text{ mm}$

Related Notified Bodies :

0679 : Centre Scientifique et Technique du Bâtiment (CSTB)

1368 : I.F.I. Institut für Industriaerodynamik GmbH

1812 : EFECTIS France

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	Declared Value		Report no.		Not. Body	
Annex B Coefficient of discharge Cv	See tables below		107/2015-B-2021 C2A22_10195		1368 0679	
Electrical or pneumatical open and close						
Without upstand						
Without :	Without windshield		Windshield type 1		Windshield type 2	
	Cv min	Cv max	Cv min	Cv max	Cv min	Cv max
- Fall through prot.	0,50	0,57	0,56	0,62	0,58	0,63
- Insect mesh						
With :	Without windshield		Windshield type 1		Windshield type 2	
	Cv min	Cv max	Cv min	Cv max	Cv min	Cv max
- Fall through prot.	0,38	0,44	0,42	0,45	0,44	0,47
- Insect mesh						
- Fall through prot.	0,48	0,56	0,54	0,60	0,56	0,61
- Insect mesh	0,38	0,44	0,42	0,45	0,44	0,47
With upstand H=150 mm						
Without :	Without windshield		Windshield type 1		Windshield type 2	
	Cv min	Cv max	Cv min	Cv max	Cv min	Cv max
- Fall through prot.	0,52	0,59	0,58	0,64	0,60	0,65
- Insect mesh						
With :	Without windshield		Windshield type 1		Windshield type 2	
	Cv min	Cv max	Cv min	Cv max	Cv min	Cv max
- Fall through prot.	0,36	0,45	0,44	0,47	0,46	0,49
- Insect mesh						
- Fall through prot.	0,49	0,58	0,56	0,62	0,58	0,63
- Insect mesh	0,36	0,45	0,44	0,47	0,46	0,49

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With upstand H=280 mm mini						
Without :	Windshield type 1 180 mm		Windshield type 1 238 mm		Windshield type 1 450 mm	
	Cv min	Cv max	Cv min	Cv max	Cv min	Cv max
- Fall through prot. - Insect mesh	0,53	0,66	0,54	0,66	0,55	0,67
Without :	Corner Windshield 238 x 305 mm (hxl)		Corner Windshield 238 x 430 mm (hxl)		Corner Windshield 238 x 630 mm (hxl)	
	Cv min	Cv max	Cv min	Cv max	Cv min	Cv max
- Fall through prot. - Insect mesh	0,52	0,64	0,55	0,66	0,55	0,66
Without :	Corner Windshield 450 x 305 mm (hxl)		Corner Windshield 450 x 430 mm (hxl)		Corner Windshield 450 x 630 mm (hxl)	
	Cv min	Cv max	Cv min	Cv max	Cv min	Cv max
- Fall through prot. - Insect mesh	0,55	0,65	0,55	0,66	0,55	0,67
Without :	Corner Windshield 675 x 630 mm (hxl)					
	Cv min	Cv max				
- Fall through prot. - Insect mesh	0,55	0,67				

Note

With upstand H = 280 mm mini:

Influence of fall through protections on free aerodynamic area of SHEVs Aa (m²)

$$\Delta Aa = -(0.01 + 0.01 \times Av) \text{ en m}^2$$

Influence of mosquito protections on free aerodynamic area of SHEVs Aa (m²)

$$\Delta Aa = -(0.01 + 0.1 \times Av) \text{ en m}^2$$

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	Declared Value	Report no.	Not. Body
Annex C Reliability	Re 1.000 (+10.000)	EFR-15-M-001025 RE	1812
Annex D* Snow load	SL 500 / 250 / 0	CAPE AT 15-199/D	0679
Annex E Low Ambient Temperature	T (00)	n.a.	n.a.
Annex F Wind load	WL 3000 – WL 1500	CAPE AT 15-199/F EFR-15-M-001025 RE	0679 1812
Annex G Resistance to heat	B300	EFR-14-H-002634 RE	1812
Reaction to fire of the infill	A1	n.a.	n.a.

- end of certificate -

Certificate 89219220
28th June 2023
Page 5 of 5