



Technical Document

in accordance with Regulation (EU) No 65/2014 for household hood

1	Name of the supplier	LG Electronics
2	Address of the supplier	Alfred-Herrhausen-Allee 3-5, 65760 Eschborn, Germany
3	Model Identifier	HCEZ2428B
4	General description	Household Range hood
5	References of the harmonised standards applied	EN 61591:1997+A1:2006+A2:2011+A11:2014+A12:2015
6	Other technical standards and specifications used	EN 60704-2-13:2017, EN 60704-1:2010+A11:2012
7	Test condition	No additional testing conditions
8	Specific Precaution	No specific precautions other than stated in the documentation accompanying the product
9	list of all equivalent models including the model identifier	

	Parameter	Declared	Unit	Notes
10	Energy Efficiency Index ($E_{EI_{hood}}$)	79.2	-	
11	Energy Efficiency class	C	A+++ - G	
12	Annual Energy Consumption (AEC_{hood})	99.0	kWh/a	
13	Time increase factor (f)	1.3	-	
14	Fluid Dynamic Efficiency (FDE_{hood})	18.1	-	
15	Fluid Dynamic Efficiency Class	C	A - G	
16	Flow rate at best efficiency point (Q_{bep})	362.0	m ³ /h	
17	Static pressure at best efficiency point (P_{bep})	350	Pa	
18	Electric power input at best efficiency point (W_{bep})	195.0	Watt	
19	Average illumination of the lighting system on the cooking surface (E_{middle})	165	lux	
20	Nominal power consumption of the lighting system on the cooking surface (W_L)	4.0	Watt	
21	Lighting Efficiency (LE_{hood})	41	Lux/Watt	
22	Lighting Efficiency Class	A	A - G	
23	Grease Filtering Efficiency	75.1	%	
24	Grease Filtering Efficiency Class	C	A - G	
25	Power consumption in off mode (P_o)	N/A	Watt	
26	Power consumption in standby mode (P_s)	0.50	Watt	
27	Airborne acoustical A-weighted sound power emissions at minimum	52	dB	
28	Airborne acoustical A-weighted sound power emissions at maximum	67	dB	
29	if present, the airborne acoustical A-weighted sound power emissions at intensive or boost setting	N/A	dB	
30	Air flow values of the domestic range hood at minimum and speed	285.0	m ³ /h	
31	Air flow values of the domestic range hood at maximum speed	635.0	m ³ /h	
32	if present, the air flow value of the domestic range hood at intensive or boost setting	N/A	m ³ /h	
33	the details and the results of calculations performed in accordance with Annex II			
34	Additional information			