

This appendix refers to the EPD MD-21088-EN, developed according to EN15804+A2:2019. Results in the appendix communicates LCA results in the format described in EN15804+A1:2013, in order to accommodate a need in the transition period between the two standard revisions. The appendix cannot stand alone, as the reference EPD describes the basis of the assessment.

Product name: Light Board

ENVIRONMENTAL EFFECTS PER PRODUKT PER M <sup>2</sup>								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	1.16E+00	1.23E-01	0.00E+00	1.01E-01	2.92E-02	4.56E-01	-1.62E-01
ODP	[kg CFC11-eq.]	9.68E-09	3.31E-17	0.00E+00	2.70E-17	9.45E-16	1.17E-16	-2.52E-15
AP	[kg SO2-eq.]	3.10E-03	1.00E-04	0.00E+00	8.15E-05	4.96E-05	8.82E-05	-1.85E-04
EP	[kg PO43--eq.]	1.29E-03	1.98E-05	0.00E+00	1.61E-05	6.53E-06	1.76E-05	-2.96E-05
POCP	[kg ethene-eq.]	3.41E-04	-1.97E-06	0.00E+00	-1.60E-06	4.17E-06	6.14E-06	-1.90E-05
ADPE	[kg Sb-eq.]	3.31E-06	1.12E-08	0.00E+00	9.10E-09	9.19E-09	1.39E-09	-2.88E-08
ADPF	[MJ]	2.81E+01	1.66E+00	0.00E+00	1.35E+00	3.26E-01	1.26E-01	-2.31E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources							

RESSOURCE CONSUMPTION PER PRODUKT PER M <sup>2</sup>								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
PERE	[MJ]	4.34E+00	9.64E-02	0.00E+00	7.85E-02	2.43E-01	2.75E-02	-6.45E-01
PERM	[MJ]	7.37E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	[MJ]	1.17E+01	9.64E-02	0.00E+00	7.85E-02	2.43E-01	2.75E-02	-6.45E-01
PENRE	[MJ]	2.86E+01	1.68E+00	0.00E+00	1.37E+00	5.27E-01	1.46E-01	-2.84E+00
PENRM	[MJ]	3.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	[MJ]	2.90E+01	1.68E+00	0.00E+00	1.37E+00	5.27E-01	1.46E-01	-2.84E+00
SM	[kg]	3.95E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m <sup>3</sup> ]	1.41E-02	1.10E-04	0.00E+00	9.00E-05	2.36E-04	1.33E-03	-6.24E-04
Caption	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non renewable primary energy excluding non renewable primary energy resources used as raw materials; PENRM = Use of non renewable primary energy resources used as raw materials; PENRT = Total use of non renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water							

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUKT PER M <sup>2</sup>								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
HWD	[kg]	4.54E-06	8.86E-11	0.00E+00	7.22E-11	1.39E-10	2.69E-11	-6.36E-10
NHWD	[kg]	2.20E-02	2.64E-04	0.00E+00	2.15E-04	3.73E-04	1.43E-02	-1.33E-03
RWD	[kg]	2.88E-04	3.05E-06	0.00E+00	2.48E-06	7.84E-05	7.37E-06	-2.04E-04
CRU	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	5.31E-03	0.00E+00	0.00E+00	0.00E+00	6.38E+00	0.00E+00	0.00E+00
MER	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-01	0.00E+00	0.00E+00
EEE	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-01
EET	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy							

Checked and approved by

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