

STATEMENT OF LIFE CYCLE ASSESSMENT STUDY

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BEST SYSTEMS GMBH	
Client address: Siebenhirtenstrasse 12A - Objekt 5,A-1230 Vienna, Austria	
Manufacturing address: NO.3 Shiheshan Rd. Dongshan Town, Wuzhong District, Suzhou City, Jiangsu Province, P. R. China	
Products: COUNTER Series Portable Lightbox Promotional Stands, including 3 specifications: LUP-COUNTER-MAX, LUP-COUNTER ONE, and LUP-LGO-COUNTER.	
Specification(s): ▪ EN 15804+A2:2019, Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products ▪ ISO 14044:2006+A1:2018+A2:2020, Environmental management — Life cycle assessment — Requirements and guidelines	
Report Boundary:	Cradle to grave
Functional Unit:	a lightbox providing lighting that delivers an outgoing artificial luminous flux of 1,000 lumens during a RSL of 50,000 hours.
LCA Result:	See appendix
Period covered:	2023.10.01 to 2024.09.30
Cut-off criteria:	The cardboard packaging of the upstream raw materials accounts for 1% of the total product weight, therefore, this activity is cut off in accordance with the cut off rules.
Report No.:	GC51161268-03.EN04



Issue Date: 2025-03-03

Signature:

Kelly Chen



This statement is prepared by TÜV Rheinland based on client's life cycle inventory. This statement does not permit the use of a TÜV Rheinland mark of conformity.

Appendix

Life Cycle Assessment Result:

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Impact Category	Impact Indicators	LCA Results	
		Module A-C	Module D
LUP-COUNTER - MAX			
Core Environmental Impact	Climate Change – total [kg CO ₂ eq.]	2.082E+02	-6.444E+00
	Climate Change, fossil [kg CO ₂ eq.]	1.941E+02	-6.425E+00
	Climate Change, biogenic [kg CO ₂ eq.]	1.367E+01	-1.980E-02
	Climate Change, land use and land use change [kg CO ₂ eq.]	4.535E-01	3.620E-04
	Ozone depletion [kg CFC-11 eq.]	3.159E-06	-5.198E-08
	Acidification [Mole of H ⁺ eq.]	1.161E+00	-4.038E-02
	Eutrophication, freshwater [kg P eq.]	1.748E-02	-1.094E-04
	Eutrophication, marine [kg N eq.]	1.928E-01	-4.337E-03
	Eutrophication, terrestrial [Mole of N eq.]	1.966E+00	-5.508E-02
	Photochemical ozone formation [kg NMVOC eq.]	6.239E-01	-1.650E-02
	Depletion of abiotic resources -minerals and metals [kg Sb eq.]	5.420E-03	-6.905E-06
	Depletion of abiotic resources -fossil fuels [MJ, net calorific value]	3.697E+03	-6.865E+01
	Water use [m ³ world eq. deprived]	4.615E+01	-1.881E+01
LUP-COUNTER ONE			
Core Environmental Impact	Climate Change – total [kg CO ₂ eq.]	2.144E+02	-6.984E+00
	Climate Change, fossil [kg CO ₂ eq.]	1.988E+02	-6.963E+00
	Climate Change, biogenic [kg CO ₂ eq.]	1.509E+01	-2.138E-02
	Climate Change, land use and land use change [kg CO ₂ eq.]	4.642E-01	3.937E-04
	Ozone depletion [kg CFC-11 eq.]	3.223E-06	-5.628E-08
	Acidification [Mole of H ⁺ eq.]	1.192E+00	-4.382E-02
	Eutrophication, freshwater [kg P eq.]	1.779E-02	-1.258E-04
	Eutrophication, marine [kg N eq.]	2.027E-01	-4.766E-03
	Eutrophication, terrestrial [Mole of N eq.]	2.037E+00	-5.974E-02
	Photochemical ozone formation [kg NMVOC eq.]	6.470E-01	-1.794E-02
	Depletion of abiotic resources -minerals and metals [kg Sb eq.]	5.939E-03	-7.843E-06
	Depletion of abiotic resources -fossil fuels [MJ, net calorific value]	3.761E+03	-7.431E+01
	Water use [m ³ world eq. deprived]	4.726E+01	-2.033E+01
LUP-LGO-COUNTER			
Core Environmental Impact	Climate Change – total [kg CO ₂ eq.]	1.966E+02	-4.850E+00
	Climate Change, fossil [kg CO ₂ eq.]	1.857E+02	-4.836E+00
	Climate Change, biogenic [kg CO ₂ eq.]	1.050E+01	-1.477E-02
	Climate Change, land use and land use change [kg CO ₂ eq.]	4.215E-01	2.576E-04
	Ozone depletion [kg CFC-11 eq.]	3.081E-06	-3.916E-08
	Acidification [Mole of H ⁺ eq.]	1.110E+00	-3.233E-02
	Eutrophication, freshwater [kg P eq.]	1.708E-02	-3.134E-04
	Eutrophication, marine [kg N eq.]	1.664E-01	-3.042E-03
	Eutrophication, terrestrial [Mole of N eq.]	1.858E+00	-4.258E-02
	Photochemical ozone formation [kg NMVOC eq.]	5.887E-01	-1.267E-02
	Depletion of abiotic resources -minerals and metals [kg Sb eq.]	5.831E-03	-1.169E-05
	Depletion of abiotic resources -fossil fuels [MJ, net calorific value]	3.607E+03	-5.174E+01
	Water use [m ³ world eq. deprived]	4.440E+01	-1.420E+01