



Product Carbon Footprint

Samsung has recently performed the carbonfoot print of products to better understand potential environmental impacts may caused from the product through its whole life cycle including ; pre-manufacturing; product manufacturing; distribution; product use; and disposal phase. The assessment has been completed in accordance with PAS2050: 2011 - Sepcification for the assessment of the life cycle greenhous gas emissions of goods and services.

Product category	Smart Signage Display
Model name	LH55WMBWBGCXEN
Product features	⊙ Screen Size : 55 Inch
	⊙ Set Size : 1297.4 x 768.2 x 59.9 mm
	⊙ Net Weight : 35.9 kg
Life time	5 years
Amount of electricity consumed in the use phase	95 W
Cabron foot print Evaluation Methodology	PAS2050 : 2011

Carbon footprint Results

Product Phase	Emissions per f.u (kg CO2e/f.u)
Pre manufacturing	571.4
Product Manufacturing	0.5
Distribution	5.9
Use	810.0
Disposal	8.2
Total	1395.9

※ Usage Scenario : 16hours On mode, 8hours Standby, 5 years

※ Electricity Carbon Emission Factor : EU Average (IEA2022)

※ CO2 Emission results may vary from region and time of evaluation.

SAMSUNG Electronics

129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Korea