



## 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	LH55QBBEBGCXEN
Product features	⊙ Screen Size : 55 Inch
	⊙ Set Size : 1235.1 x 707.9 x 46.3 mm
	⊙ Net Weight : 23.6 kg
Life time	5 years
Amount of electricity consumed in the use phase	96 W
Cabron foot print Evaluation Methodology	PAS2050 : 2011

### Carbon footprint Results

Product Phase	Emissions per f.u (kg CO2e/f.u)
Pre manufacturing	463.0
Product Manufacturing	0.5
Distribution	4.3
Use	818.5
Disposal	6.2
Total	1292.5

※ 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.

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