



Product Carbon Footprint

Samsung has recently performed the carbon footprint 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 ISO 14067 - Greenhouse gases - Carbon footprint of products - Requirements and guidelines for quantification.

Product category	Smart Signage Display
Model name	LH32EMDI*****
Product features	⊙ Screen Size : 32 Inch
	⊙ Net Weight : 4.1 kg
Life time	5 years
Amount of electricity consumed in the use phase	10W (Picture update only) 0.4W (Network Standby)
Cabron foot print Evaluation Methodology	ISO 14067

Carbon footprint Results

Product Phase	Emissions per f.u (kg CO2e/f.u)
Pre manufacturing	133.4
Product Manufacturing	0.6
Distribution	1.8
Use	6.0
Disposal	2.1
Total	143.9

※ Usage Scenario : 24hours use, 5 years

Picture update : 1 time per day

※ Electricity Carbon Emission Factor : Ecoinvent v3.10 Market group for Electricity, low voltage {RER}

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

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