



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	Monitor
Model name	LS27D800UAUXEN
Product features	Screen size : 27 inch
	Weight : 7.9 kg
Life time	4 years
Amount of electricity consumed in the use phase	25 W
Cabron foot print Evaluation Methodology	ISO 14067

Carbon footprint Results

Product Phase	Emissions per f.u (kg CO2e/f.u)
Pre manufacturing	163.1
Product Manufacturing	0.6
Distribution	2.3
Use	127.3
Disposal	2.4
Total	295.6

※ Electricity Carbon Emission Factor : Ecoinvent v3.9.1 Market group for Electricity, low voltage {RER}

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

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