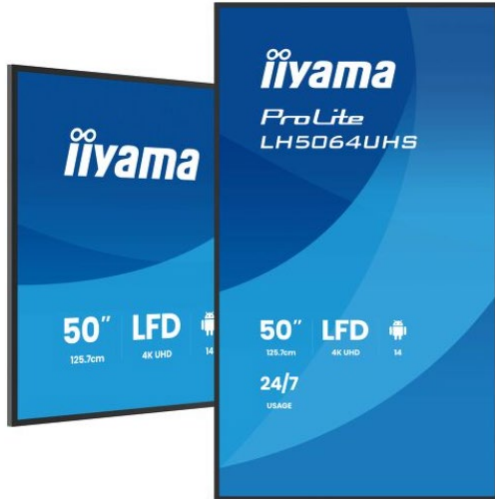


# PROLITE LH5064UHS-B1AG 50"



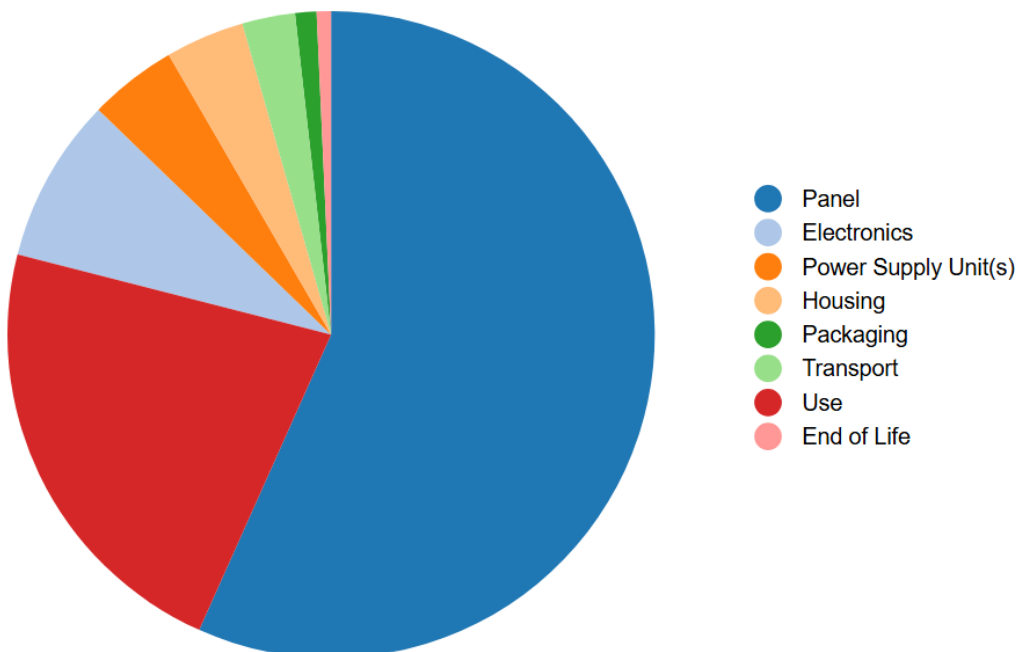
iiyama is responsible to customers and constantly strives to improve the environmental impact of our products. We evaluate products' product carbon footprint from design to end-of-life, including contributions from materials (including raw material extraction), manufacturing, distribution, use, and end-of-life management.

This product's estimated carbon footprint:

## 1022 kgCO<sub>2</sub>e +/- 580 kgCO<sub>2</sub>e

### Estimated impact by lifecycle stage with breakout for manufacturing by component:

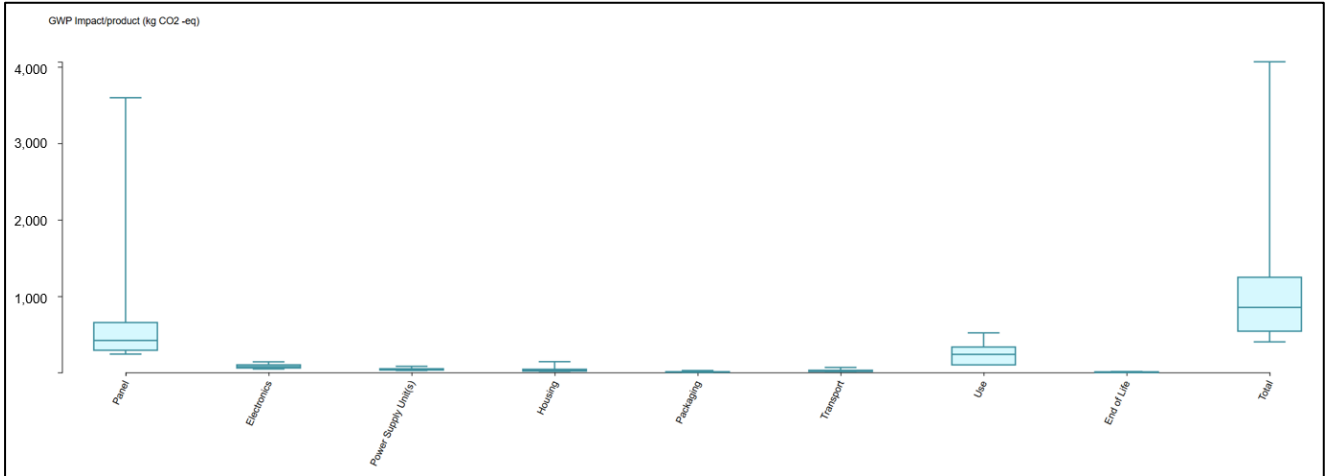
iiyama uses PAIA (Product Attribute to Impact Algorithm) to perform product carbon footprints. PAIA meets IEC TR 62921 requirements and is a streamlined LCA tool developed by MIT's Materials System Laboratory. It considers the life cycle of the product in order to calculate the product carbon footprint.



Panel	56.68%
Electronics	8.24%
Power Supply Unit(s)	4.41%
Housing	3.94%
Packaging	1.07%
Transport	2.64%
Use	22.30%
End of Life	0.72%

# PROLITE LH5064UHS-B1AG 50"

We are committed to transparency; the figure below shows the degree of uncertainty that exists in the PAIA model of product carbon footprint. These uncertainties may arise from data discrepancies, biases, and methodological use.




## Assumptions for calculating product carbon footprint:


Product Weight	10.4 kg	Packaging Weight	3.6 kg
Screen Size	50"	Pixel Resolution	3840×2160
Product Lifetime	4 years	Assembly Location	Asia
Energy Consumption (Yearly TEC)	114.13 kWh	Use Location	Europe

# 1022 kgCO<sub>2</sub>e

We disclose product carbon footprint values to help our stakeholders understand. Please remember that these are approximations only and should not be used for emissions inventories or formal carbon footprinting operations.

The carbon footprint of one of these products is equivalent to CO<sub>2</sub> emissions from:

 **0.137** homes' energy use for one year

 **100** gallons of diesel consumed

The equivalent data are referred to [Greenhouse Gas Equivalencies Calculator](#) of US.EPA.



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