

## PROLITE LH4375UHS-B1AG 43"



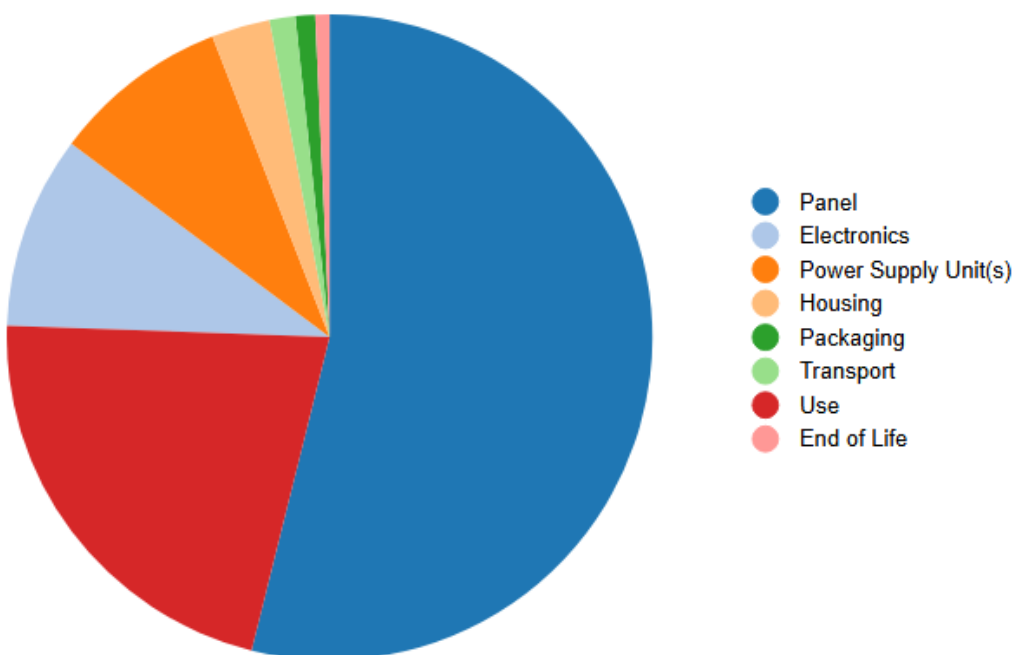
iiyama is responsible to customers and constantly strives to improve the environmental impact of our products. We evaluate products' product carbon footprint from design to end-of-life, including contributions from materials (including raw material extraction), manufacturing, distribution, use, and end-of-life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

This product's estimated carbon footprint:

**880 kgCO<sub>2</sub>e +/- 249 kgCO<sub>2</sub>e**

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

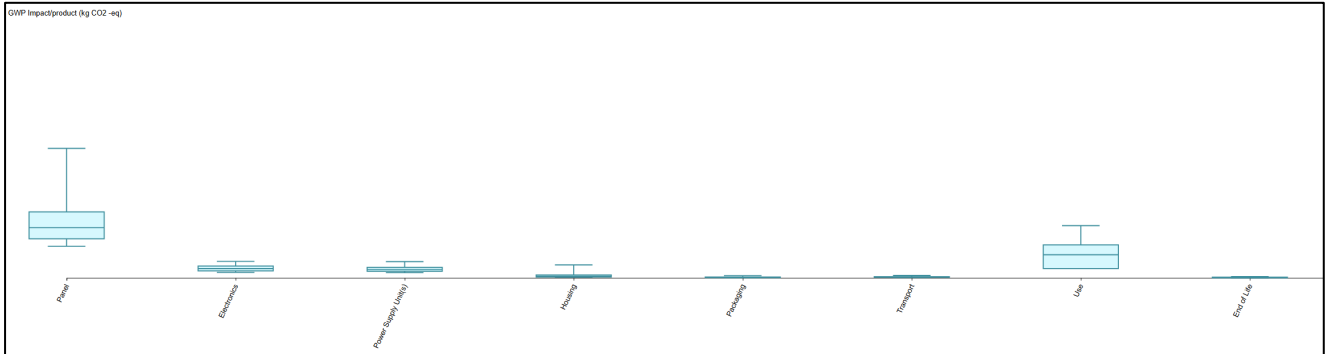
iiyama uses PAIA (Product Attribute to Impact Algorithm) to perform product carbon footprints. PAIA meets IEC TR 62921 requirements and is a streamlined LCA tool developed by MIT's Materials System Laboratory. It considers the life cycle of the product in order to calculate the product carbon footprint.



Panel	53.89%
Electronics	9.67%
Power Supply Unit(s)	8.84%
Housing	2.93%
Packaging	0.99%
Transport	1.29%
Use	21.68%
End of Life	0.71%

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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	8.9 kg	Screen Size	43"
Pixel resolution - Horizontal Direction	3840 px	Pixel resolution - Vertical Direction	2160 px
Product Lifetime	4 years	Assembly Location	China
Energy Consumption (Yearly TEC)	96.54 kWh	Use Location	EU


# 880 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.

## Carbon footprint of this monitor is equivalent to

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

 **0.008** homes' electricity use for one year


 **3,071** number of smartphones charged


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




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