

PROLITE LH5060UHS-B1AG 49.5"



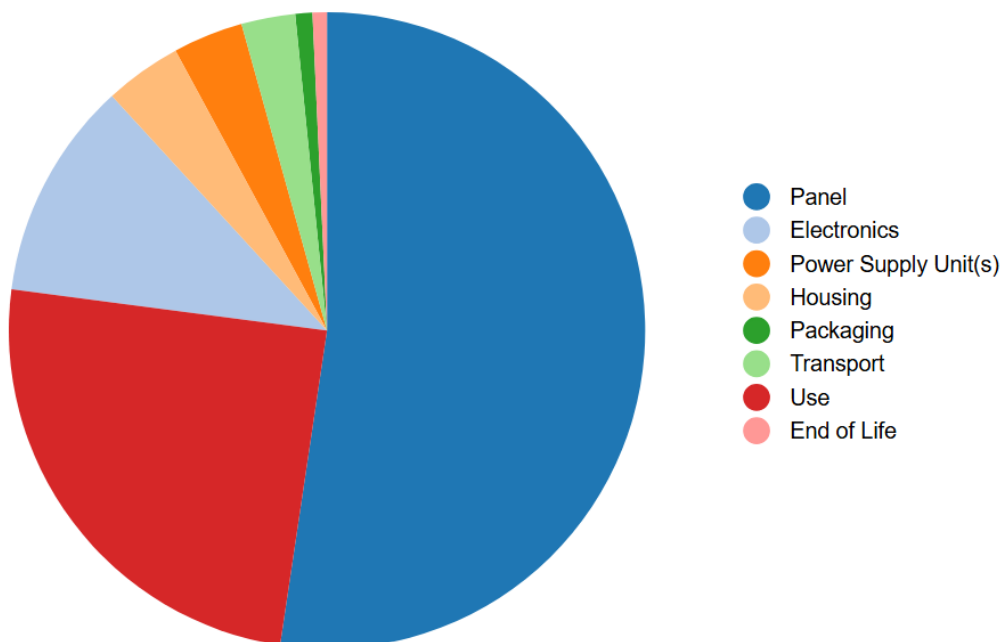
iiyama is responsible to customers and constantly strives to improve the environmental impact of our products. We evaluate products' product carbon footprint from design to end-of-life, including contributions from materials (including raw material extraction), manufacturing, distribution, use, and end-of-life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

This product's estimated carbon footprint:

1166 kgCO₂e +/- 645 kgCO₂e

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

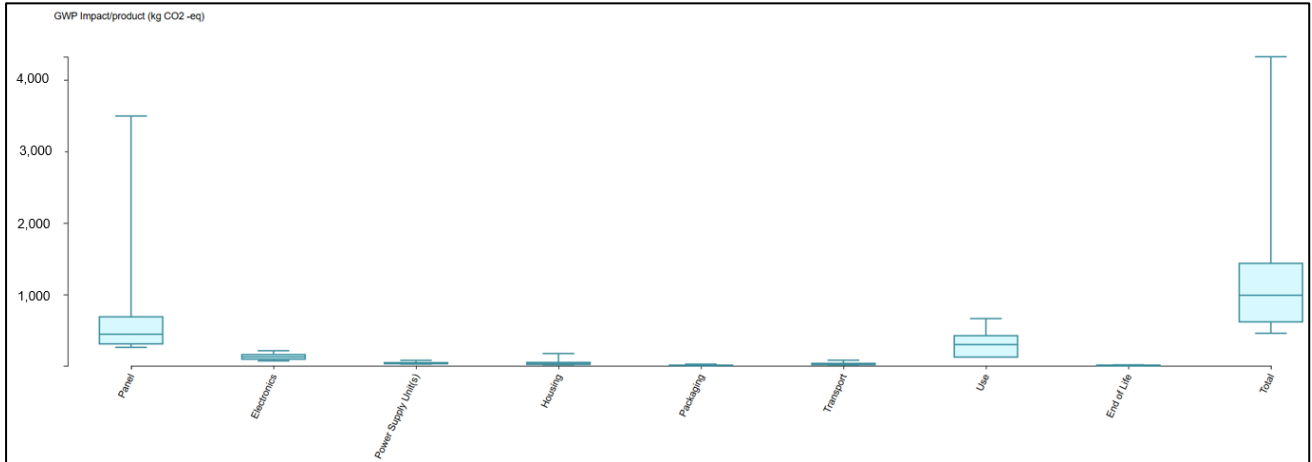
iiyama uses PAIA (Product Attribute to Impact Algorithm) to perform product carbon footprints. PAIA meets IEC TR 62921 requirements and is a streamlined LCA tool developed by MIT's Materials System Laboratory. It considers the life cycle of the product in order to calculate the product carbon footprint.



Panel	52.36%
Electronics	11.13%
Power Supply Unit(s)	3.57%
Housing	3.91%
Packaging	0.87%
Transport	2.74%
Use	24.71%
End of Life	0.73%

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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	12.6 kg	Screen Size	49.5"
Pixel resolution - Horizontal Direction	3840 px	Pixel resolution - Vertical Direction	2160 px
Product Lifetime	4 years	Assembly Location	Asia
Energy Consumption (Yearly TEC)	144.32 kWh	Use Location	EU


1166 kgCO₂e

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

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

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

 **4,592** number of smartphones charged

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

