

PROLITE LH5041UHS-B2AG 50"



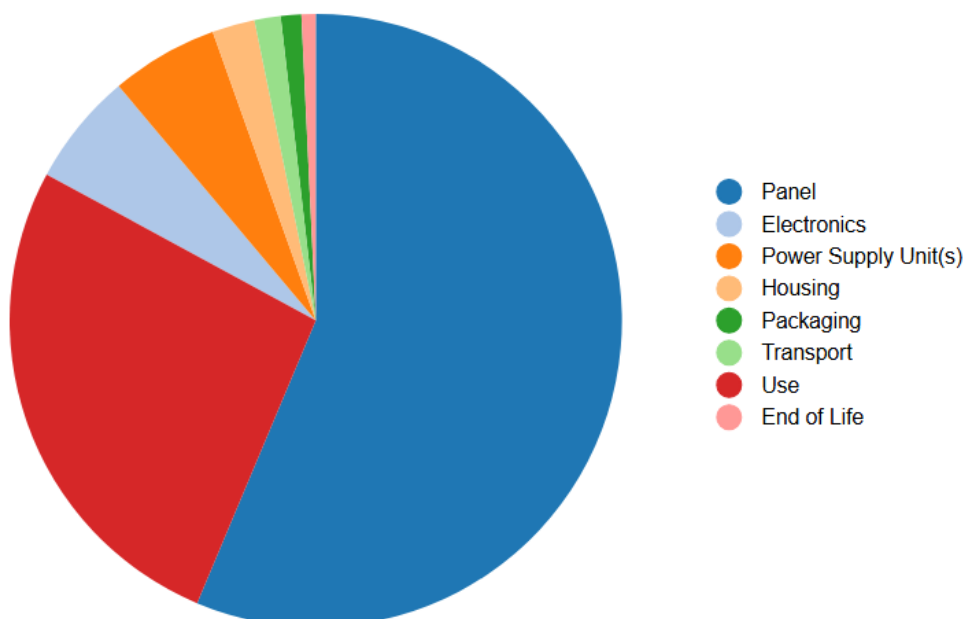
iiyama is responsible to customers and constantly strives to improve the environmental impact of our products. We evaluate products' product carbon footprint from design to end-of-life, including contributions from materials (including raw material extraction), manufacturing, distribution, use, and end-of-life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

This product's estimated carbon footprint:

1061 kgCO₂e +/- 336 kgCO₂e

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

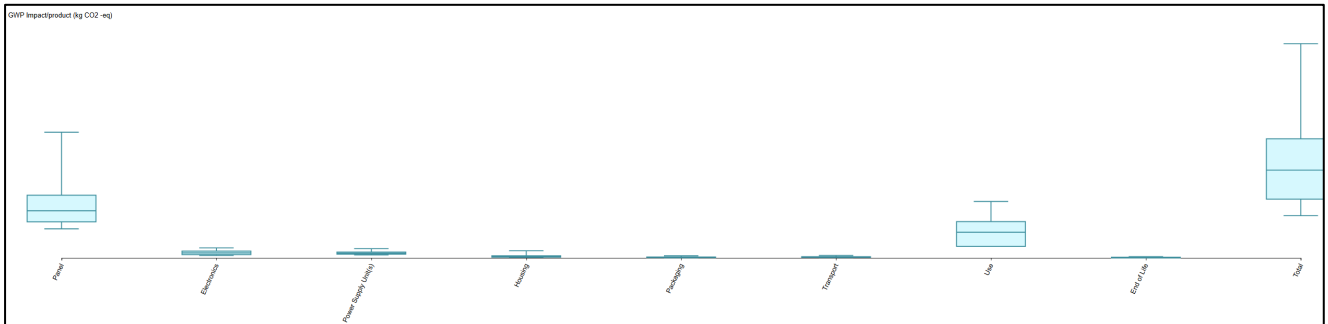
iiyama uses PAIA (Product Attribute to Impact Algorithm) to perform product carbon footprints. PAIA meets IEC TR 62921 requirements and is a streamlined LCA tool developed by MIT's Materials System Laboratory. It considers the life cycle of the product in order to calculate the product carbon footprint.



Panel	56.34%
Electronics	5.96%
Power Supply Unit(s)	5.66%
Housing	2.25%
Packaging	1.09%
Transport	1.38%
Use	26.57%
End of Life	0.75%

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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	11.1 kg	Screen Size	50"
Pixel resolution - Horizontal Direction	3840 px	Pixel resolution - Vertical Direction	2160 px
Energy Consumption (Yearly TEC)	140.27 kWh	Use Location	EU

1061 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.

The carbon footprint of one of these products is equivalent to CO₂ emissions from:

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

 **104** gallons of diesel consumed

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



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