

# Product Environmental Profile

## PrimeSHOT 20 HDMI



### COMPANY OVERVIEW

● **Sustainability built in to support our associates, customers, and the environment**

At Legrand North and Central America, we're committed to leading by example within our own operations, to developing high-quality solutions for our customers' High-Performance Buildings, and to transforming how people live and work – more safely, more comfortably, more efficiently.

● **Better Performance**

A core principle of designing for sustainability drives us to innovate products and systems that enable buildings to reach exceptional levels of performance, bringing about industry-leading ideas, inventions and initiatives.

● **Better Operations**

A commitment to a leadership role in operational excellence through environmental management, optimizing the way we manage energy, water and waste.

● **Better Lives**

A dedication to enhancing employee and community welfare through programs that help people enjoy healthier, more productive and more rewarding lives.

For more information on Legrand's PEPs and other sustainability initiatives, visit [legrand.us/about-us/sustainability](http://legrand.us/about-us/sustainability).



### LEGRAND'S ENVIRONMENTAL COMMITMENTS

● **Incorporate environmental management into our industrial sites**

Of all Legrand sites worldwide, over 85% are ISO 14001 certified (sites belonging to Legrand for more than five years).

● **Offer our customers environmentally friendly solutions**

Develop innovative solutions to help our customers design more energy efficient, better managed and more environmentally friendly installations.

● **Involve the environment in product design**

Reduce the environmental impact of products over their whole life cycle.

Provide our customers with all relevant information (composition, consumption, end of life, etc.).



### REFERENCE PRODUCT

<b>Function</b>	Professional streaming and recording camera for a lifetime of 10 years.
<b>Reference Product</b>	 <p>SKU 999-30420-000</p> <p>PrimeSHOT 20 HDMI</p>

The company reserves the right to change specifications and designs without notice. All illustrations, descriptions, dimensions and weights in the document are for guidance and cannot be held binding on the company.

# Product Environmental Profile

## PrimeSHOT 20 HDMI



### PRODUCTS CONCERNED

The environmental data is representative of the following product: 999-30420-000.



### CONSTITUENT MATERIALS

This Reference Product contains no substances prohibited by the regulations applicable at the time of its introduction to the market. It respects and complies with the restrictions on use of hazardous substances as defined in the RoHS directive 2011/65/EC.

<b>Total weight of Reference Product with unit packaging</b>	<b>4,045 g</b>
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Plastics as % of weight		Metals as % of weight		Others as % of weight	
Product					
ABS	4.3%	Steel	28.8%	Power supply	6.5%
Nylon 6	2.1%	Zinc	18.8%	Electronic circuit board	6.3%
Polycarbonate	1.0%	Aluminum	0.5%	Battery	0.6%
GF Polyester	0.1%	Magnet	2.2%	Glass	0.5%
Silicone rubber	0.1%	Copper	1.9%		
Other plastics	<0.1%	Stainless steel	<0.1%		
Packaging					
Polystyrene	14.9%			Cardboard	10.7%
LLDPE	0.2%			Paper	0.3%
<b>Total plastics</b>	<b>22.8%</b>	<b>Total metals</b>	<b>52.4%</b>	<b>Total others</b>	<b>24.9%</b>



### MANUFACTURING

This Reference Product comes from a site that observes the applicable legislation for industrial sites.



### DISTRIBUTION

Products are distributed from logistics centers located to optimize transport efficiency using EPA SmartWay® certified carriers to reduce greenhouse gas emissions. Information on the distance of distribution is not available so the PCR hypothesis for "Intracontinental transport", 2175 miles (3500 km) by heavy truck, was used. This represents transportation of the Reference Product from our warehouse to the local point of distribution in the North American market.

# Product Environmental Profile

## PrimeSHOT 20 HDMI



### INSTALLATION

For the installation of the product, only standard tools are needed.



### USE

**Servicing and maintenance:**

Under normal conditions of use, this type of product requires no servicing or maintenance.

**Consumable:**

No consumables are necessary to use this type of product.



### END OF LIFE

• **Hazardous waste\* contained in the product:** no hazardous waste  
 (\*) Hazardous waste as defined by European Commission decision 2000/532/EC.

• **Recycling rate:**

Calculated using the disposal pathway described in US EPA's Advancing Sustainable Materials Management: 2018 Facts and Figures Report, the recyclability rate of the Reference Product is estimated as 32.3%. This value is based on data collected from a technological channel using industrial procedures. It does not pre-validate the effective use of this product for end-of-life electrical and electronic products.

Separated into:	(% mass of Reference Product with packaging)
- plastic materials:	0.7%
- metal materials:	17.9%
- other materials:	5.3%

Recycling rate of packaging	(% mass of Reference Product with packaging)
- all types of materials:	8.5%



### ENVIRONMENTAL IMPACTS

The evaluation of environmental impacts examines the stages of the Reference Product life cycle: manufacturing, distribution, installation, use, and end of life. It is representative of products marketed and used in North America.

The following modelling elements were taken into account:

<b>Manufacturing</b>	Packaging taken into account. As required by the PEP ecopassport program, all transport for the manufacturing of the Reference Product, including materials and components, has been taken into account. The waste generated during manufacturing phase has been taken into account.
<b>Distribution</b>	Transport between the last distribution center and an average delivery to the sales area. The default scenario modelled maximizes the environmental impact using the PCR hypothesis for "local transport": 2175 miles (3500 km) by heavy truck.
<b>Installation</b>	The end of life of the packaging (0.45 kg) is taken into account at this phase. Transport of packaging to end of life treatment is taken into account at this phase.
<b>Use</b>	<ul style="list-style-type: none"> <li>• Under normal conditions of use, this type of product requires no servicing or maintenance.</li> <li>• No consumables are necessary to use this type of product.</li> <li>• Use scenario: 12.96W power consumption during the 10-year working life. Eight hours per day and 261 workdays per year.</li> <li>• Energy model: Electricity (US) – 2009</li> </ul>
<b>End of life</b>	The end-of-life scenario models the environmental impact using PCR hypothesis for "intracontinental transport": 621 miles [1000 km].
<b>Software used</b>	EIME V5.9.1 and its database "CODDE-2020-12" and the indicators defined in the PCR ed 3 in alignment with the EN15804 standard

# Product Environmental Profile

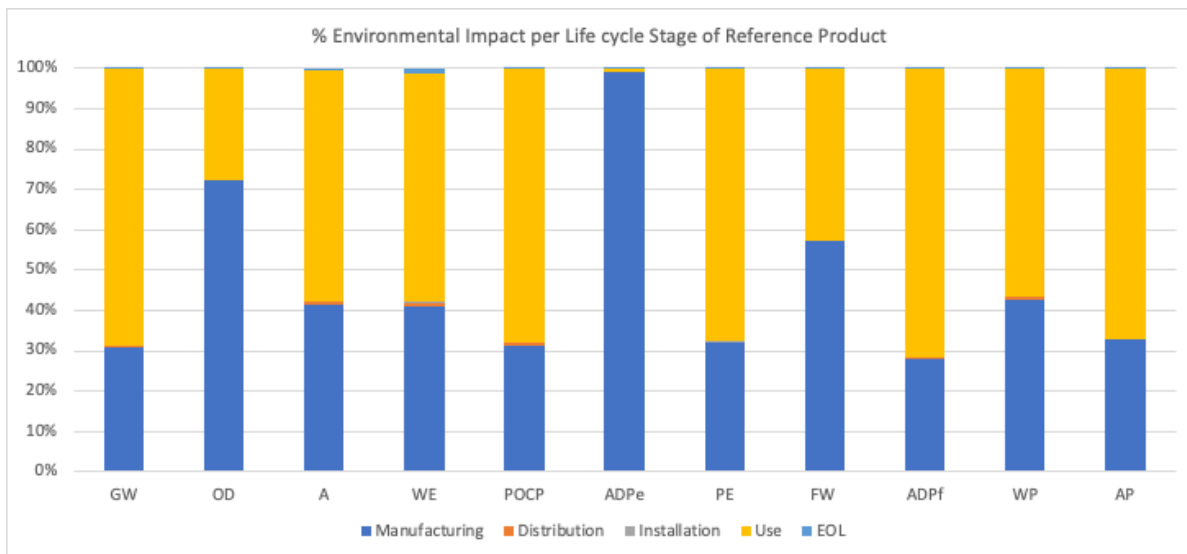
## PrimeSHOT 20 HDMI



### ENVIRONMENTAL IMPACTS (continued)

	Total for Life cycle		Raw material and manufacturing		Distribution		Installation		Use		End of life	
	Value	Unit	Value	%	Value	%	Value	%	Value	%	Value	%
Global warming (GW)	2.74E+02	kg CO <sub>2</sub> eq.	8.46E+01	31%	7.05E-01	0%	1.86E-01	0%	1.88E+02	69%	2.85E-01	0%
Ozone depletion (OD)	1.30E-05	kg CFC-11 eq.	9.39E-06	72%	1.43E-09	0%	4.95E-10	0%	3.56E-06	27%	7.18E-09	0%
Acidification of soil and water (A)	3.14E-01	kg SO <sub>2</sub> eq.	1.30E-01	41%	3.17E-03	1%	1.15E-04	0%	1.80E-01	57%	1.11E-03	0%
Water eutrophication (WE)	8.45E-02	kg PO <sub>4</sub> <sup>3-</sup> eq.	3.47E-02	41%	7.28E-04	1%	3.41E-04	0%	4.76E-02	56%	1.18E-03	1%
Photochemical ozone creation (POCP)	4.25E-02	kg C <sub>2</sub> H <sub>4</sub> eq.	1.33E-02	31%	2.25E-04	1%	4.52E-05	0%	2.88E-02	68%	8.91E-05	0%
Depletion of abiotic resources - elements (ADPe)	1.32E-02	kg Sb eq.	1.31E-02	99%	2.82E-08	0%	1.01E-09	0%	1.02E-04	1%	1.37E-08	0%
Total use of primary energy (PE)	3.75E+03	MJ	1.20E+03	32%	9.97E+00	0%	3.53E-01	0%	2.54E+03	68%	3.61E+00	0%
Net use of fresh water (FW)	8.10E-01	m <sup>3</sup>	4.63E-01	57%	6.31E-05	0%	7.50E-05	0%	3.47E-01	43%	1.82E-04	0%
Depletion of abiotic resources – fossil fuels (ADPf)	3.20E+03	MJ	8.99E+02	28%	9.90E+00	0%	3.39E-01	0%	2.29E+03	72%	3.30E+00	0%
Water pollution (WP)	1.64E+04	m <sup>3</sup>	6.98E+03	43%	1.16E+02	1%	1.44E+01	0%	9.27E+03	56%	3.71E+01	0%
Air pollution (AP)	2.42E+04	m <sup>3</sup>	7.97E+03	33%	2.89E+01	0%	1.69E+00	0%	1.62E+04	67%	2.49E+01	0%

The values of the 27 impacts defined in the PCR-ed3-EN-2015 04 02 are available in the digital database of pep-ecopassport.org website. The environmental impacts of the Reference Product are representative of the products covered by the PEP, which therefore constitute a homogeneous environmental family.



The environmental impact of the Reference Product occurs predominantly during the use phase.

# Product Environmental Profile

## PrimeSHOT 20 HDMI



### ENVIRONMENTAL IMPACTS (continued)

Registration number: LGRP-01559-V01.01-EN	Drafting rules: "PCR-ed3-EN-2015 04"
Verifier's accreditation number: VH43	Information and reference documents: <a href="http://www.pep-ecopassport.org">www.pep-ecopassport.org</a>
Date of issue: 09-2022	Validity period: 5 years
Independent verification of the declaration and data, in compliance with ISO 14025:2010 Internal <input type="checkbox"/> External <input checked="" type="checkbox"/>	
The PCR Review was conducted by a panel of experts chaired by Philippe Osset (SOLINNEN).	
The elements of the present PEP cannot be compared with elements from another program.	
Document in compliance with ISO 14025:2010: "Environmental labels and declarations - Type III environmental declarations"	
In compliance with ISO 14040:2006: "Environmental management – LCA – Principles and framework" In compliance with ISO 14044:2006: "Environmental management – LCA – Requirements and guidelines"	