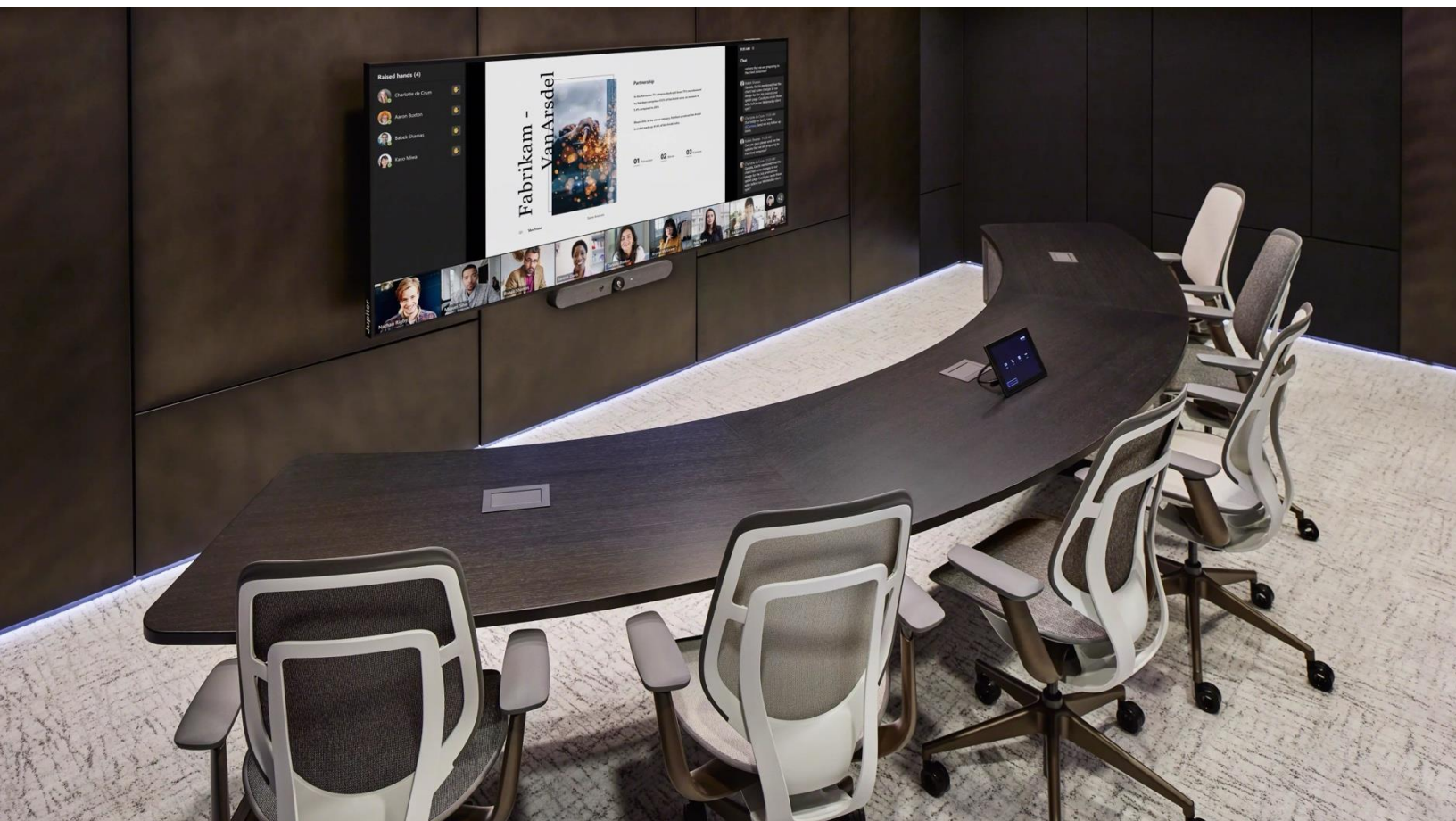


Ocular™ Arc7 Tables

AMERICAS



Certified
Environmental
Product Declaration
www.nsf.org



About this product

Ocular™ Arc is a curved table designed for all seats to be placed on a single side of the table to provide a premier video meeting experience for both in-room and virtual participants.

The reference product is STPOCU1 table covering 3.60 m² meaning 0.278 units are required to meet the functional unit of 1 m² of physical floor space for a 10-year period.

Date of Issue: August 31, 2026

Date of Expiration: August 31, 2031

Learn more

- Explore Steelcase environmental philosophy and commitments [overview](#).
- Find product details and sustainability certifications on [product page](#) at steelcase.com.
- See our product [warranty](#).
- Contact epd@steelcase.com for any EPD-related questions or inquiries.

About this document

This declaration describes the Life Cycle Assessment of Ocular Arc7 Tables produced for the Americas by Steelcase Inc. in the United States. The assessment is performed according to the ISO standards 14040 (2006), 14044 (2006) and 14025 (2006), and BIFMA PCR for Tables: UNCPC 3812 to generate an EPD for business-to-business communication.

ASSESSMENT OVERVIEW

EPD commissioner	Steelcase® Inc
Corporate Address	901 44th Street SE Grand Rapids, Michigan 49508-7594 United States
Product group	Tables
Product name	Ocular™ Arc7 Tables
Product intended use	Table
Product reference service life	10 years
Reference standards	ISO 14025, ISO 14040, ISO 14044
EPD scope	Cradle-to-grave
EPD number	EPD11331
Date of issuance	August 31, 2026
Date of expiration	August 31, 2031
EPD type	Product specific
EPD Product Coverage	Ocular™ Arc7 Tables for the Americas market
Intended audience	Business to business (B2B)
Year of reported manufacturer data	2025
Functional unit	One square meter of physical floor space for a reference service life of 10 years
Applicable markets/regions	Americas
LCA software and database version	GaBi 10.6.2.9; GaBi database, 2022.2
LCIA methodology and version number	TRACI 2.1, IPCC AR6
Program administrator	NSF Certification LLC 789 N. Dixboro, Ann Arbor, MI 48105 www.nsf.org
Reference PCR and version number	BIFMA PCR for Tables: UNCPC 3812 (BIFMA PCR, Ext March 2026)
PCR reviewer	Review Panel Chaired by Dr. Thomas Gloria
EPD reviewer	External review conducted by:



Jim Mellentine, Thrive ESG

This declaration and its Life Cycle Assessment was independently verified in accordance with ISO standards 14040 (2006), 14044 (2006) and 14025 (2006), BIFMA PCR for Tables v1 Ext 2026.

LCA reviewer	External review conducted by:
	
	Jim Mellentine, Thrive ESG
	The product Life Cycle Assessment was conducted in accordance with ISO 14044, and the reference PCR.

Disclaimer	The PCR this EPD was based on was written to determine the potential environmental impacts of a table product from cradle-to-grave. It was not written to support comparative assertions. EPDs based on different PCRs, or different calculation models, may not be comparable. When attempting to compare EPDs or life cycle impacts of products from different companies, the user should be aware of the uncertainty in the results, due to and not limited to, the practitioner's assumptions, the source of the data used in the study, and the specifics of the product modeled.
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ASSESSMENT PARAMETERS

Functional unit

One square meter of physical floor space for a reference service life of 10 years. To fulfill the functional unit, 0.278 units are required.

Product scope

The assessed product is one Ocular™ Arc table (STPOCU1) with a 189" W x 29.5" D worksurface in high-pressure laminate, steel legs & base painted with textured paint, and a PET modesty panel.

One Ocular™ Arc7 Table is intended for use by up to 7 occupants.



<u>Manufacturing location</u>	<u>Product SKUs</u>	<u>Applicable markets and regions</u>
Grand Rapids, MI	Ocular Arc7 Tables (style STPOCU1)	Americas

Assessment goal and scope

The potential environmental impacts of Ocular™ Arc7 Table and its packaging throughout its entire life cycle – including raw materials extraction, production, transport, use, and end of life – were assessed. In the absence of primary information, the GaBi database was used for secondary data.

The life cycle stages included in this assessment follow the BIFMA PCR for Tables: UNCPC 3812. Material acquisition and pre-processing (including transportation), production, distribution, use and end-of-life are assessed for the table product.

The electrical componentry provides power connection; there is no energy required by this product to fulfil its function.

Assessment boundary

The Life Cycle Assessment considers the full life cycle of the product from cradle to grave. Life cycle stages included in this assessment follow the BIFMA PCR for Tables: UNCPC 3812.

	Stage	Status
	Cradle to inbound gate	✓
	MATERIALS ACQUISITION	
	Raw material extraction, pre-processing and transportation of materials to suppliers.	
	Gate to gate	
	PRODUCTION PROCESS	
	A1. Raw material supply	✓
	A2. Transport	✓
	A3. Manufacturing	✓
	A4. Transport	✓
	A5. Installation	✓
	B1. Use	✓
	B2. Maintenance/cleaning	✓
	B3. Repair	✓
	B4. Replacement	✓
	B5. Refurbishment	✓
	B6. Operational energy use	✓
	B7. Operational water use	✓
	C1. Disassembly	✓
	C2. Transport	✓
	C3. Waste processing	✓
	C4. Disposal	✓
	Beyond the boundary	
	D. Reuse/recovery	✓

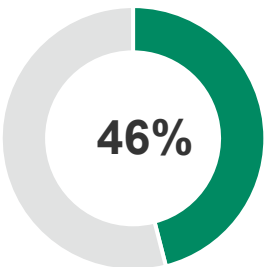
RESULTS

The product composition, packaging composition, recycled content, recyclability visuals, and life cycle impacts below relate specifically to one m² (0.278 units) of the Ocular™ Arc7 Table configuration listed above.

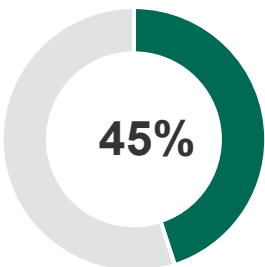
Product composition per Functional Unit			Post-consumer		Pre-consumer	
Material	Weight (kg)	Weight (%)	%	Weight (kg)	%	Weight (kg)
Melamine faced particle board	21.700	54.76%	50	10.85	0	0
Steel	16.306	41.15%	21.4	3.489	24	3.912
Polyethylene terephthalate (PET)	1.562	3.94%	0	0	0	0
HIPS	0.020	0.05%	0	0	0	0
Electrical Component	0.018	0.04%	0	0	0	0
ABS (ACRYLONITRILE-BUTADIENE-STYRENE)	0.012	0.03%	0	0	0	0
PP	0.009	0.02%	0	0	0	0
Nylon (6)	0.003	0.01%	0	0	0	0
Total	39.629	100%	36.18%	14.339	9.87%	3.912

Product packaging composition per Functional Unit			Post-consumer		Pre-consumer	
Material	Weight (kg)	Weight (%)	%	Weight (kg)	%	Weight (kg)
Cardboard	3.770	96.17%	40	1.508	0	0
EPE	0.076	1.93%	0	0	0	0
PET	0.046	1.18%	0	0	0	0
POM	0.007	0.18%	0	0	0	0
Paper	0.004	0.10%	0	0	0	0
LDPE	0.002	0.05%	0	0	0	0
EPP	0.016	0.40%	0	0	0	0
Total	3.921	100%	39%	1.508	0	0

Product recycled content* and recyclability** summary



TOTAL RECYCLED
CONTENT*



RECYCLABILITY
BY WEIGHT**

*Total recycled content based on supplier's data. The source of recycled content of various materials could be either post-industrial or post-consumer based on market availability.

**Recyclability rate is the maximum amount of the product that is recyclable, based on the availability of recycling facilities in the regions and the ability of the product to be disassembled. Per the requirements of the PCR, the end-of-life results presented in this EPD were calculated using the US EPA's Warm Model within the 2020 Municipal Solid Waste Report for parts that can be disassembled. Excludes packaging.

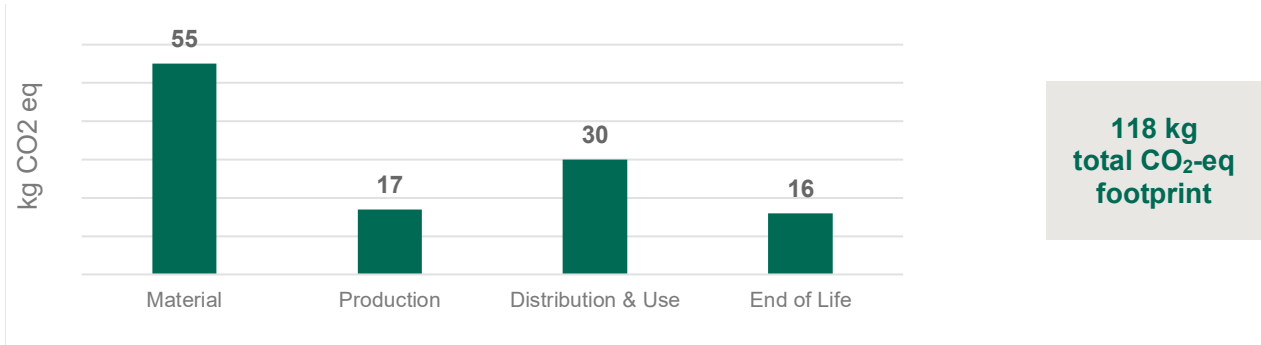
Life cycle impact by category and stage

Environmental impacts were calculated using the GaBi software platform. Impact results according to the BIFMA PCR have been calculated using TRACI 2.2, IPCC AR6 characterization factors. Results presented in this report are for one square meter of physical floor space for 10 years. Additionally, the results are relative expressions and do not predict impacts on category endpoints, the exceeding of thresholds, safety margins, or risks.

	Unit	Life cycle stages				Totals
		A1-A2 Materials acquisition	A3 Production process	A4-B7 Distribution & Use	C1-C4 End of life	
*Global warming potential (100 years) Warming of the atmosphere caused by the global release of greenhouse gases.	kg CO2 eq	5.46E+01	1.73E+01	2.99E+01	1.61E+01	1.18E+02
*Acidification Emissions that increase the acidity of the environment due to various chemical reactions and/or biological activity, or by natural circumstances.	kg SO2 eq	1.94E-01	3.98E-02	1.60E-01	5.06E-02	4.44E-01
*Photochemical ozone creation (Smog) Through various chemical reactions, which occur between nitrogen oxides (NOx) and volatile organic compounds (VOCs) in sunlight.	kg O3 eq	2.93E+00	5.78E-01	3.63E+00	3.75E-01	7.52E+00
*Eutrophication Enrichment of an aquatic ecosystem with nutrients (nitrates, phosphates) that accelerate biological productivity and an undesirable accumulation of algal biomass.	kg N eq	9.19E-02	1.72E-02	1.49E-01	1.84E-02	2.76E-01
*Ozone depletion Reduction of the stratospheric ozone layer due to anthropogenic emissions of ozone depleting substances.	kg CFC-11 eq	4.31E-08	2.58E-11	1.03E-11	2.80E-12	4.31E-08
Primary energy demand Energy consumption at the source.	MJ	1.07E+03	3.11E+02	3.87E+02	2.04E+01	1.78E+03
Net freshwater usage Freshwater used and otherwise not recoverable.	kg	1.73E+03	7.09E+01	1.25E+01	1.90E+01	1.83E+03
Renewable primary resources used as an energy carrier RPRE First use materials from renewable sources with energy content used as a fuel	MJ	3.36E+02	1.25E+01	1.50E+01	1.55E+00	3.65E+02
Renewable primary resources used as material RPRM First use materials from renewable sources with energy content used as a material	MJ	0.00E+00	5.28E+01	0.00E+00	0.00E+00	5.28E+01
Non-renewable primary resources used as an energy carrier First use materials from non-renewable sources with energy content used as a fuel	MJ	6.58E+02	2.39E+02	3.72E+02	1.89E+01	1.29E+03
Non-renewable primary resources used as material First use materials from non-renewable sources with energy content used as a material	MJ	7.14E+01	6.06E+00	0.00E+00	0.00E+00	7.74E+01
Recovered electrical energy (EEE) Electrical energy recovered from disposal of waste in previous systems	MJ	0.00E+00	9.32E-02	6.54E-01	1.55E+01	1.62E+01
Recovered thermal energy (EET) Thermal energy recovered from disposal of waste in previous systems	MJ	0.00E+00	3.78E-02	3.32E-01	5.47E+00	5.84E+00

Methods: TRACI 2.2, IPCC AR6

Global warming potential summary



TECHNICAL INFORMATION AND SCENARIOS FOR MODULES BEYOND THE FACTORY GATE

A4: Transport to the installation site		
Parameter	Value per product	Value per product
Transportation type	Truck trailer	Ship
Fuel consumption (l/km)	0.42 diesel	130 heavy fuel oil
Distance*	4927 km	238 km
*Weighted average distance per product market share		

A5: Installation in the building	
Parameter	Value per functional unit
Installation Assumptions	No product waste Installed with hand tools
Energy use for installation	0 kWh
Transportation type for installation waste	Truck
Fuel consumption (l/km)	0.42 diesel
Distance	32.2 km
Packaging to recycling	2.594 kg
Packaging to energy recovery	0.265 kg
Packaging to landfill	1.061 kg

B1, B2, B3, B4, B5, B6, B7: Use
B6. Operational energy use per day 0 kWh

C1- C4: End-of-life	
Parameter	Value per functional unit
Method of deconstruction	Hand tools
Method of recycling	Mechanical recycling
Method of energy recovery	Incineration
Final disposal of remaining parts	Landfilling
Transportation type	Truck
Fuel consumption (l/km)	0.42 diesel
Distance to waste processing site	32.2 km
Weight to recycling	5.54 kg
Weight to energy recovery	6.82 kg
Weight to landfill	27.3 kg

ADDITIONAL ENVIRONMENTAL INFORMATION

The following product composition, packaging composition, pre- and post-consumer recycled content and the global warming potential results represent the Ocular™ Arc7 Table configuration without scaling to the functional unit.

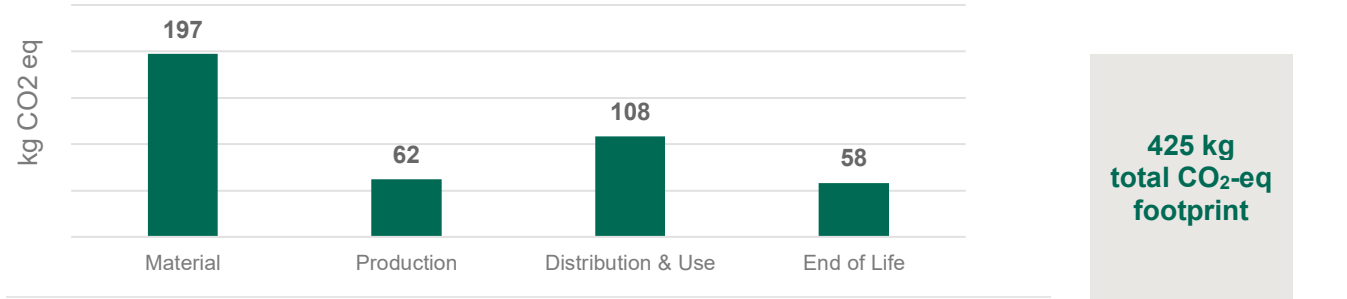
Product composition per Declared Unit			Post-consumer		Pre-consumer	
Material	Weight (kg)	Weight (%)	%	Weight (kg)	%	Weight (kg)
Melamine faced particle board	78.057	54.76%	50	39.029	0	0
Steel	58.653	41.15%	21.4	12.551	24	14.076
Polyethylene terephthalate (PET)	5.619	3.94%	0	0	0	0
HIPS	0.073	0.05%	0	0	0	0
Electrical Component	0.063	0.04%	0	0	0	0
ABS (ACRYLONITRILE-BUTADIENE-STYRENE)	0.042	0.03%	0	0	0	0
PP	0.031	0.02%	0	0	0	0
Nylon (6)	0.012	0.01%	0	0	0	0
Total	142.55	100%	36.18%	51.580	9.87%	14.076

Product packaging composition per Declared Unit			Post-consumer		Pre-consumer	
Material	Weight (kg)	Weight (%)	%	Weight (kg)	%	Weight (kg)
Cardboard	13.563	96.17%	40	5.425	0	0
EPE	0.272	1.93%	0	0	0	0
PET	0.166	1.18%	0	0	0	0
POM	0.025	0.18%	0	0	0	0
Paper	0.014	0.10%	0	0	0	0
LDPE	0.007	0.05%	0	0	0	0
EPP	0.057	0.40%	0	0	0	0
Total	14.103	100%	39%	5.425	0	0

Global warming potential summary

		Life cycle stages				Totals
	Unit	A1–A2 Materials acquisition	A3 Production process	A4-B7 Distribution & Use	C1-C4 End of life	
*Global warming potential (100 years) Warming of the atmosphere caused by the global release of greenhouse gases excludes biogenic carbon.	kg CO2 eq	1.97E+02	6.25E+01	1.08E+02	5.78E+01	4.25E+02

Methods: IPCC AR6



Indoor air: Steelcase tables products are certified with SCS's Indoor Advantage Gold™ program, conforming to the ANSI/BIFMA Furniture Emissions Standard (M7.1/X7.1-2011 R2021) and CDPH/EHLB Standard Method (CA 01350) v1.2-2017. The certification can be found [here](#).

Improper disposal of product: At the end of its useful life, manage Steelcase products correctly in accordance with all applicable regulations for effective end-of-life management, including recycling, disposal, or incineration. Improper management may result in the release of chemicals that may represent a risk to the environment and human health & safety.

REFERENCES

Life Cycle Assessment, LCA Report for Steelcase. WAP Sustainability Consulting November 2022. *Updated by Steelcase March 2024.*

NSF BIFMA Product Category Rule (PCR) for Tables: UNCPC 3812 Ext March 2026

ANSI/BIFMA X5.5-2021, Desk and Table Products.

ANSI/BIFMA e3, Furniture Sustainability Standard.

ACLCA Guidance to Calculating Non-LCIA Inventory Metrics in Accordance with ISO 21930:2017. May 2019

ISO 14025:2006 Environmental Labels and Declarations – Type III Environmental Declarations – Principles and Procedures.

ISO 14040:2006 Environmental Management – Life Cycle Assessment – Principles and Framework, Requirements and Guidelines.

ISO 14044:2006 Environmental Management – Life cycle assessment – Requirements and Guidelines.

ISO 14044:2006/Amd 1:2017 Environmental Management – Life cycle assessment – Requirements and Guidelines – Amendment 1.

NSF Certification Policies for Environmental Product Declarations (EPD). November 1, 2022.



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