168 Georgetown Rd.
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# Product Environmental Profile

## Starline Track Busway High Capacity Plug Tap-Off Unit w/ MCCBs and Drop Cord Attached Pin & Sleeve Connectors, up to 250A



## REFERENCE PRODUCT

| | |
|---|---|
| **Function** | One fully assembled High Capacity Plug Tap-Off Unit equipped with Molded Case Circuit Breaker protection that distributes up to 250A of current to connected equipment in data centers or other critical infrastructure continuously over 20 years via drop cords with pin & sleeve receptacles |
| **Reference Product** |  |
| | Cat No UCT5CF8S-35-2MCB060N-STD |
| | CKT BKR DROP CORD, HSG GND, 100A, 415Y/240SV, 240/415LV, 35K, (2)5100C6W, ETL, X=6FT, [STANDARD][SILVER][ABCN][ABCN] |

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.

## PRODUCTS CONCERNED

The environmental data is representative of the following products:

| Catalogue Numbers |
|---|
| All catalog codes beginning with U; followed by C; followed by T5 or K5; followed by C, G, D; followed by F5, F6, F7, F8, F9, G4, G5, G6, G7, G8; followed by S-; followed by 25-, 35-, 65-, 70- ; followed by 1, 2, 3, 4, 5, 6; followed by BZ, BW, CC, EX, CH, BI, BX, CB, CI, LB, MK, MC, GR; followed by F, T, L, A, B, R; followed by a three digit length code; followed by a lettered accessory code. |

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## CONSTITUENT MATERIALS

This Reference Product contains no substances prohibited by the regulations applicable at the time of its introduction to the market.

Compliance with the 2011/65/EU Directive (RoHS), as modified by the 2015/863/EU Delegated Directive, on the restriction of the use of certain hazardous substances in electrical and electronic equipment.
The substances identified as SVHC (Substances of Very High Concern) according to the REACH Regulation (1907/2006), if present in the products at a concentration above 0.1% weight by weight, are declared inside the European SCIP database. At the date of publication of this document none of the substance listed in the annex XIV is found in this product.

| **Total weight of the Reference Product** | | 34.04 kg (all packaging included) | | | |
|---|---|---|---|---|---|
| **Total plastics : 10.53 kg** | 30.9% | **Total metals : 20.43 kg** | 60.0% | **Total others : 3.05 kg** | 9.1% |

| **Product alone weight : 30.718 kg** | | Recycled content*, product alone (excluding packaging) : 0 % | | | |
|---|---|---|---|---|---|
| **Plastics as % of weight** | | **Metals as % of weight** | | **Other as % of weight** | |
| Other plastics | 14.3% | Steel | 30.0% | Coating paint | 0.1% |
| PA | 8.1% | Copper and copper alloys | 27.5% | | |
| PE | 6.7% | Al | 2.5% | | |
| HIPS | 0.4% | | | | |
| PC | 0.3% | | | | |
| ABS | 0.2% | | | | |
| PBT | 0.1% | | | | |
| PVC | 0.0% | | | | |
| | | | | | |
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| | | | | | |

| **Packaging (alone) : 3.325 kg** | | Recycled content*, packaging only: 0 % | | | |
|---|---|---|---|---|---|
| **Plastics as % of weight** | | **Metals as % of weight** | | **Other as % of weight** | |
| PE | 0.8% | | | wood | 5.7% |
| | | | | Cardboard | 3.2% |
| | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | | | |

(*) At the date of publication of this document

## MANUFACTURE

This Reference Product comes from sites that have received ISO14001 certification.

The final assembly site is located in North America

## DISTRIBUTION

Products are distributed from logistics centres located with a view to optimize transport efficiency

Thus the Reference Product is mainly transported in Truck over an average distance of 3500 km representative of a commercialization in America.

Packaging is compliant with applicable regulation.

## INSTALLATION

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

## USE

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

## END OF LIFE

The product end of life factors are taken into account during the design phase. Dismantling and sorting of components or materials is made as easy as possible with a view to recycling or failing that, another form of reuse.

## 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 from products marketed and used in America.

All the data collected in this PEP is representative from January - October 2026.

For each phase, the following modelling elements were taken in account :

| | | |
|---|---|---|
| **System Limit** | **Manufacturing [A1-A3]** | Materials and components of the product, all transport for the manufacturing, the packaging and the waste generated by the manufacturing. |
| | **Distribution [A4]** | Transport between the last Group distribution centre and an average delivery point in the sales area |
| | **Installation [A5]** | The end of life of the packaging |
| | **Use [B1-B7]** | Product category : Other equipments : Passive products - PSR-0005-ed3.1-2023 12 08<br><br>Use scenario : continuous operation (100% of the time) for 20 years at 60% of rated load of the time. This modelling duration does not constitute a minimum durabilty requirement<br><br>Electricity mix; Consumption mix; Low voltage; 2024; United States, US |
| | **End of life [C1-C4]** | Choice of end-of-life by default model for PCR-ed4-EN-2021 09 06 |
| **D Module** | | Module D is calculated according to PCR-ed4-EN-2021 09 06 based on the materials recycled and the modelled end-of-life scenario.<br>It expresses the net benefits and loads beyond the boundaries of the system, and are not to be included in the life cycle totals. |
| **Software and data-base used** | | EIME V6 & its database 2026-04-14 The set of indicators used is Indicators for PEF EF 3.1 (Compliance: PEP ed.4, EN15804+A2) v2.0 |

Unless otherwise indicated the modelling energetic mix are those integrated in the data modules used from the aformentioned database.

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# Product Environmental Profile

## Starline Track Busway High Capacity Plug Tap-Off Unit w/ MCCBs and Drop Cord Attached Pin & Sleeve Connectors, up to 250A



## ENVIRONMENTAL IMPACTS

Impact values referred to the Functional Unit. (1/3)

| | Total Life Cycle | | Manufacturing [A1-A3] | Distribution [A4] | Installation [A5] | Use (1) | | | End of life | D Module |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Total B1-B7 | B2 | B6 | C1-C4 | |
| **Climate change - total** | **5.89E+03** | **kg $CO_2$ eq.** | 2.10E+02 | 4.75E+00 | 5.61E+00 | 5.64E+03 | 0.00E+00 | 5.64E+03 | 2.29E+01 | -5.16E+01 |
| **Climate change - fossil fuels** | **5.85E+03** | **kg $CO_2$ eq.** | 2.10E+02 | 4.74E+00 | 1.06E+00 | 5.61E+03 | 0.00E+00 | 5.61E+03 | 2.27E+01 | -5.03E+01 |
| **Climate change - biogenics** | **3.66E+01** | **kg $CO_2$ eq.** | -4.10E-01 | 7.46E-03 | 4.55E+00 | 3.23E+01 | 0.00E+00 | 3.23E+01 | 1.55E-01 | -1.32E+00 |
| **Climate change - land use and land use transformation** | **5.05E-04** | **kg $CO_2$ eq.** | 4.34E-04 | 6.87E-06 | 0* | 5.47E-05 | 0.00E+00 | 5.47E-05 | 9.17E-06 | 0.00E+00 |
| **Ozone depletion** | **4.61E-05** | **kg CFC-11 eq.** | 1.63E-05 | 5.31E-08 | 4.18E-08 | 2.82E-05 | 0.00E+00 | 2.82E-05 | 1.42E-06 | -4.93E-06 |
| **Acidification (AP)** | **2.52E+01** | **mole of H+ eq.** | 2.66E+00 | 7.46E-03 | 6.35E-03 | 2.24E+01 | 0.00E+00 | 2.24E+01 | 1.37E-01 | -1.08E+00 |
| **Freshwater eutrophication** | **1.45E-02** | **kg P eq.** | 3.61E-03 | 1.74E-05 | 1.54E-06 | 1.08E-02 | 0.00E+00 | 1.08E-02 | 4.32E-05 | -5.72E-05 |
| **Marine aquatic eutrophication** | **2.65E+00** | **kg of N eq.** | 1.58E-01 | 1.43E-03 | 1.59E-03 | 2.47E+00 | 0.00E+00 | 2.47E+00 | 2.21E-02 | -3.68E-02 |
| **Terrestrial eutrophication** | **3.16E+01** | **mole of N eq.** | 1.63E+00 | 1.57E-02 | 2.14E-02 | 2.97E+01 | 0.00E+00 | 2.97E+01 | 2.82E-01 | -4.13E-01 |
| **Photochemical ozone formation** | **9.36E+00** | **kg NMVOC eq.** | 6.43E-01 | 5.03E-03 | 4.45E-03 | 8.63E+00 | 0.00E+00 | 8.63E+00 | 7.05E-02 | -1.96E-01 |
| **Depletion of abiotic resources - elements** | **4.05E-02** | **kg Sb eq.** | 3.41E-02 | 0* | 0* | 6.38E-03 | 0.00E+00 | 6.38E-03 | 1.36E-05 | -8.99E-03 |
| **Depletion of abiotic resources - fossil fuels** | **1.36E+05** | **MJ** | 4.40E+03 | 8.28E+01 | 2.07E+01 | 1.31E+05 | 0.00E+00 | 1.31E+05 | 4.02E+02 | -2.91E+03 |
| **Water requirement** | **4.22E+02** | **$m^3$ deprivation worldwide eq.** | 1.92E+02 | 1.68E-01 | 5.71E-02 | 2.25E+02 | 0.00E+00 | 2.25E+02 | 3.82E+00 | -5.96E+01 |
| **Emission of fine particles** | **1.83E-04** | **incidence of diseases** | 1.64E-05 | 6.57E-08 | 4.47E-08 | 1.66E-04 | 0.00E+00 | 1.66E-04 | 8.95E-07 | -6.57E-06 |

* represents less than 0.01% of the total life cycle of the reference flow
(1) For the Use phase and according to the current PCR, the information modules B1, B3, B4, B5 and B7, all having indicator values equal to «0» (zero), are not listed in this table
In accordance with current PCR rules, the environmental indicator values in the «Module D» column must not be summed with the values in the «Total Life Cycle» column

## ENVIRONMENTAL IMPACTS

Impact values referred to the Functional Unit. (2/3)

| | Total Life Cycle | | Manufacturing [A1-A3] | Distribution [A4] | Installation [A5] | Use (1) | | | End of life | D Module |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Total B1-B7 | B2 | B6 | C1-C4 | |
| **Ionizing radiation, human health** | **5.88E+03** | **kBq of U235 eq.** | 6.49E+01 | 0* | 0* | 5.80E+03 | 0.00E+00 | 5.80E+03 | 8.18E+00 | -1.93E+01 |
| **Ecotoxicity (fresh water)** | **6.05E+04** | **CTUe** | 5.29E+04 | 1.30E+02 | 2.86E+01 | 6.94E+03 | 0.00E+00 | 6.94E+03 | 4.30E+02 | -2.67E+02 |
| **Human toxicity, carcinogenic effects** | **5.16E-06** | **CTUh** | 2.66E-06 | 8.79E-10 | 0* | 2.49E-06 | 0.00E+00 | 2.49E-06 | 8.34E-09 | -9.51E-07 |
| **Human toxicity, non-carcinogenic effects** | **4.68E-05** | **CTUh** | 2.88E-05 | 1.83E-08 | 8.63E-09 | 1.77E-05 | 0.00E+00 | 1.77E-05 | 2.62E-07 | -1.26E-05 |
| **Impacts related to land use/soil quality** | **2.88E+03** | **-** | 1.95E+01 | 0* | 3.40E-01 | 2.86E+03 | 0.00E+00 | 2.86E+03 | 5.20E+00 | -1.58E-02 |
| **Use of renewable primary energy, excluding renewable primary energy resources used as raw materials** | **3.48E+04** | **MJ** | 2.25E+02 | 0* | 4.29E+00 | 3.45E+04 | 0.00E+00 | 3.45E+04 | 6.48E+01 | -2.92E+01 |
| **Use of renewable primary energy resources used as raw materials** | **8.52E+01** | **MJ** | 8.52E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| **Total use of renewable primary energy resources (primary energy and primary energy resources used as raw materials)** | **3.49E+04** | **MJ** | 3.10E+02 | 0* | 4.29E+00 | 3.45E+04 | 0.00E+00 | 3.45E+04 | 6.48E+01 | -2.92E+01 |
| **Use of non-renewable primary energy, excluding non-renewable primary energy resources used as raw materials** | **1.35E+05** | **MJ** | 4.08E+03 | 8.28E+01 | 2.07E+01 | 1.31E+05 | 0.00E+00 | 1.31E+05 | 4.02E+02 | -2.91E+03 |
| **Use of non-renewable primary energy resources used as raw materials** | **3.20E+02** | **MJ** | 3.20E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | -1.67E+00 |
| **Total use of non-renewable primary energy resources (primary energy and primary energy resources used as raw materials)** | **1.36E+05** | **MJ** | 4.40E+03 | 8.28E+01 | 2.07E+01 | 1.31E+05 | 0.00E+00 | 1.31E+05 | 4.02E+02 | -2.91E+03 |

* represents less than 0.01% of the total life cycle of the reference flow
(1) For the Use phase and according to the current PCR, the information modules B1, B3, B4, B5 and B7, all having indicator values equal to «0» (zero), are not listed in this table
In accordance with current PCR rules, the environmental indicator values in the «Module D» column must not be summed with the values in the «Total Life Cycle» column

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## ENVIRONMENTAL IMPACTS

Impact values referred to the Functional Unit. (3/3)

| | Total Life Cycle | | Manufacturing [A1-A3] | Distribution [A4] | Installation [A5] | Use (1) | | | End of life | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Total B1-B7 | B2 | B6 | C1-C4 | D Module |
| **Use of secondary materials** | **0.00E+00** | **kg** | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| **Use of renewable secondary fuels** | **0.00E+00** | **MJ** | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| **Use of non-renewable secondary fuels** | **0.00E+00** | **MJ** | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| **Net use of fresh water** | **9.96E+00** | **$m^3$** | 4.50E+00 | 3.92E-03 | 1.31E-03 | 5.35E+00 | 0.00E+00 | 1.77E-05 | 1.13E-01 | -1.39E+00 |
| **Hazardous waste disposed of** | **1.71E+03** | **kg** | 1.54E+03 | 0* | 1.24E+00 | 1.27E+02 | 0.00E+00 | 1.27E+02 | 4.01E+01 | -6.95E+02 |
| **Non-hazardous waste disposed of** | **9.34E+02** | **kg** | 8.58E+01 | 4.21E-01 | 1.47E-01 | 8.32E+02 | 0.00E+00 | 8.32E+02 | 1.54E+01 | -1.59E+01 |
| **Radioactive waste disposed of** | **2.79E-01** | **kg** | 2.95E-02 | 3.33E-04 | 6.52E-05 | 2.47E-01 | 0.00E+00 | 2.47E-01 | 1.31E-03 | -1.30E-02 |
| **Components for re-use** | **0.00E+00** | **kg** | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| **Materials for recycling** | **1.90E+01** | **kg** | 4.61E+00 | 0* | 0* | 0* | 0.00E+00 | 0* | 1.44E+01 | 0.00E+00 |
| **Materials for energy recovery** | **0.00E+00** | **MJ by energy vector** | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| **Exported energy** | **0.00E+00** | **MJ** | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| **Total use of primary energy during the life cycle** | **1.71E+05** | **MJ** | 4.71E+03 | 8.31E+01 | 2.50E+01 | 1.65E+05 | 0.00E+00 | 1.65E+05 | 4.67E+02 | -2.94E+03 |
| **Biogenic carbon content of the product** | **0.00E+00** | **kg of C** | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| **Biogenic carbon content of the associated packaging** | **1.87E+00** | **kg of C** | 1.87E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

For biogenic carbon storage, the methodology use is -1/1

* represents less than 0.01% of the total life cycle of the reference flow

(1) For the Use phase and according to the current PCR, the information modules B1, B3, B4, B5 and B7, all having indicator values equal to «0» (zero), are not listed in this table

In accordance with current PCR rules, the environmental indicator values in the «Module D» column must not be summed with the values in the «Total Life Cycle» column

The values of the indicators defined in the PCR-ed4-EN-2021 09 06 are available in the digital database of pep-ecopassport.org website.

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## ENVIRONMENTAL IMPACTS

To determine the environmental impact values for products other than the Reference Product, take the environmental impact values for the Reference Product and multiply them by the values in the coefficient table below.

**Coefficient of extrapolation of environnemental indicators**

| Enclosure | Device Quantity | Drop Cord Length (ft) | Phase | GWP | GWPb | GWPf | GWPlu | ODP | AP | EPF | EPM | EPT | POCP | ADPE | ADPF | WU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F5 | 1 | 6 | Manufacturing | 0.97 | 3.58 | 0.97 | 0.53 | 0.68 | 0.70 | 1.14 | 0.98 | 0.92 | 0.87 | 0.61 | 0.94 | 0.67 |
| | | | Distribution | 0.84 | 0.84 | 0.84 | 0.84 | 0.84 | 0.84 | 0.84 | 0.84 | 0.84 | 0.84 | 0.84 | 0.84 | 0.84 |
| | | | End of Life | 0.95 | 0.87 | 0.95 | 0.99 | 0.91 | 0.92 | 0.92 | 0.83 | 0.82 | 0.86 | 0.87 | 0.91 | 0.98 |
| | | 10 | Manufacturing | 1.10 | 1.56 | 1.10 | 0.75 | 0.86 | 0.94 | 1.17 | 1.10 | 1.06 | 1.04 | 0.77 | 1.07 | 0.92 |
| | | | Distribution | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | | End of Life | 1.09 | 1.04 | 1.09 | 1.12 | 1.06 | 1.07 | 1.07 | 1.01 | 1.00 | 1.03 | 1.04 | 1.07 | 1.11 |
| | | 20 | Manufacturing | 1.42 | -3.51 | 1.41 | 1.30 | 1.32 | 1.54 | 1.25 | 1.39 | 1.39 | 1.46 | 1.19 | 1.42 | 1.56 |
| | | | Distribution | 1.40 | 1.40 | 1.40 | 1.40 | 1.40 | 1.40 | 1.40 | 1.40 | 1.40 | 1.40 | 1.40 | 1.40 | 1.40 |
| | | | End of Life | 1.44 | 1.46 | 1.44 | 1.44 | 1.43 | 1.45 | 1.45 | 1.45 | 1.46 | 1.45 | 1.46 | 1.45 | 1.44 |
| | 2 | 6 | Manufacturing | 1.22 | 0.75 | 1.22 | 1.00 | 1.06 | 1.06 | 1.30 | 1.21 | 1.18 | 1.15 | 1.00 | 1.20 | 1.05 |
| | | | Distribution | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 |
| | | | End of Life | 1.20 | 1.15 | 1.20 | 1.22 | 1.18 | 1.19 | 1.18 | 1.14 | 1.14 | 1.16 | 1.16 | 1.18 | 1.21 |
| | | 10 | Manufacturing | 1.35 | -1.28 | 1.34 | 1.22 | 1.24 | 1.30 | 1.33 | 1.33 | 1.32 | 1.32 | 1.17 | 1.34 | 1.30 |
| | | | Distribution | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 |
| | | | End of Life | 1.34 | 1.33 | 1.34 | 1.35 | 1.33 | 1.34 | 1.33 | 1.32 | 1.32 | 1.33 | 1.33 | 1.33 | 1.34 |
| | | 20 | Manufacturing | 1.67 | -6.35 | 1.65 | 1.77 | 1.69 | 1.90 | 1.41 | 1.63 | 1.65 | 1.75 | 1.59 | 1.68 | 1.94 |
| | | | Distribution | 1.69 | 1.69 | 1.69 | 1.69 | 1.69 | 1.69 | 1.69 | 1.69 | 1.69 | 1.69 | 1.69 | 1.69 | 1.69 |
| | | | End of Life | 1.69 | 1.75 | 1.69 | 1.67 | 1.70 | 1.71 | 1.71 | 1.77 | 1.77 | 1.75 | 1.75 | 1.72 | 1.67 |
| | 3 | 6 | Manufacturing | 1.47 | -2.09 | 1.46 | 1.48 | 1.43 | 1.41 | 1.46 | 1.45 | 1.45 | 1.44 | 1.39 | 1.46 | 1.43 |
| | | | Distribution | 1.41 | 1.41 | 1.41 | 1.41 | 1.41 | 1.41 | 1.41 | 1.41 | 1.41 | 1.41 | 1.41 | 1.41 | 1.41 |
| | | | End of Life | 1.45 | 1.44 | 1.45 | 1.45 | 1.45 | 1.45 | 1.44 | 1.46 | 1.46 | 1.45 | 1.44 | 1.45 | 1.45 |
| | | 20 | Manufacturing | 1.91 | -9.19 | 1.89 | 2.25 | 2.07 | 2.26 | 1.57 | 1.86 | 1.91 | 2.03 | 1.98 | 1.94 | 2.32 |
| | | | Distribution | 1.97 | 1.97 | 1.97 | 1.97 | 1.97 | 1.97 | 1.97 | 1.97 | 1.97 | 1.97 | 1.97 | 1.97 | 1.97 |
| | | | End of Life | 1.94 | 2.04 | 1.94 | 1.89 | 1.97 | 1.97 | 1.97 | 2.08 | 2.09 | 2.04 | 2.04 | 1.98 | 1.91 |
| | 4 | 6 | Manufacturing | 1.71 | -4.93 | 1.70 | 1.96 | 1.81 | 1.77 | 1.62 | 1.68 | 1.71 | 1.72 | 1.79 | 1.72 | 1.80 |
| | | | End of Life | 1.70 | 1.73 | 1.70 | 1.67 | 1.72 | 1.72 | 1.71 | 1.77 | 1.77 | 1.75 | 1.73 | 1.72 | 1.68 |
| | | 10 | Manufacturing | 1.84 | -6.95 | 1.83 | 2.18 | 1.99 | 2.01 | 1.66 | 1.80 | 1.84 | 1.89 | 1.96 | 1.86 | 2.06 |
| | | | End of Life | 1.84 | 1.90 | 1.84 | 1.80 | 1.87 | 1.87 | 1.86 | 1.94 | 1.96 | 1.92 | 1.90 | 1.87 | 1.81 |
| | | 20 | Manufacturing | 2.16 | -12.02 | 2.14 | 2.73 | 2.44 | 2.61 | 1.73 | 2.10 | 2.17 | 2.31 | 2.38 | 2.21 | 2.70 |
| | | | Distribution | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 |
| | | | End of Life | 2.20 | 2.33 | 2.19 | 2.12 | 2.24 | 2.24 | 2.24 | 2.39 | 2.41 | 2.34 | 2.33 | 2.25 | 2.14 |
| | 5 | 6 | Manufacturing | 1.96 | -7.76 | 1.94 | 2.43 | 2.18 | 2.12 | 1.79 | 1.92 | 1.97 | 2.01 | 2.18 | 1.99 | 2.18 |
| | | | Distribution | 1.99 | 1.99 | 1.99 | 1.99 | 1.99 | 1.99 | 1.99 | 1.99 | 1.99 | 1.99 | 1.99 | 1.99 | 1.99 |
| | | 10 | Manufacturing | 2.09 | -9.79 | 2.07 | 2.65 | 2.36 | 2.37 | 1.82 | 2.04 | 2.10 | 2.18 | 2.35 | 2.12 | 2.44 |
| | | | Distribution | 2.15 | 2.15 | 2.15 | 2.15 | 2.15 | 2.15 | 2.15 | 2.15 | 2.15 | 2.15 | 2.15 | 2.15 | 2.15 |
| | | | End of Life | 2.09 | 2.19 | 2.09 | 2.03 | 2.14 | 2.13 | 2.12 | 2.25 | 2.27 | 2.22 | 2.19 | 2.14 | 2.05 |
| | | 20 | Manufacturing | 2.41 | -14.86 | 2.38 | 3.20 | 2.81 | 2.97 | 1.89 | 2.33 | 2.43 | 2.60 | 2.77 | 2.47 | 3.08 |
| | | | Distribution | 2.55 | 2.55 | 2.55 | 2.55 | 2.55 | 2.55 | 2.55 | 2.55 | 2.55 | 2.55 | 2.55 | 2.55 | 2.55 |
| | | | End of Life | 2.45 | 2.62 | 2.44 | 2.35 | 2.51 | 2.50 | 2.50 | 2.70 | 2.73 | 2.64 | 2.62 | 2.52 | 2.38 |
| | 6 | 6 | Manufacturing | 2.21 | -10.60 | 2.19 | 2.91 | 2.56 | 2.48 | 1.95 | 2.15 | 2.23 | 2.29 | 2.58 | 2.25 | 2.56 |
| | | | Distribution | 2.27 | 2.27 | 2.27 | 2.27 | 2.27 | 2.27 | 2.27 | 2.27 | 2.27 | 2.27 | 2.27 | 2.27 | 2.27 |
| | | | End of Life | 2.20 | 2.31 | 2.20 | 2.13 | 2.26 | 2.25 | 2.23 | 2.39 | 2.41 | 2.34 | 2.31 | 2.25 | 2.15 |
| | | 10 | Manufacturing | 2.34 | -12.63 | 2.31 | 3.13 | 2.74 | 2.72 | 1.98 | 2.27 | 2.36 | 2.46 | 2.74 | 2.39 | 2.82 |
| | | | Distribution | 2.43 | 2.43 | 2.43 | 2.43 | 2.43 | 2.43 | 2.43 | 2.43 | 2.43 | 2.43 | 2.43 | 2.43 | 2.43 |
| | | | End of Life | 2.34 | 2.48 | 2.34 | 2.26 | 2.41 | 2.40 | 2.38 | 2.57 | 2.59 | 2.51 | 2.48 | 2.41 | 2.28 |
| | | 20 | Manufacturing | 2.66 | -17.69 | 2.62 | 3.68 | 3.19 | 3.32 | 2.06 | 2.57 | 2.69 | 2.88 | 3.17 | 2.73 | 3.45 |
| | | | Distribution | 2.83 | 2.83 | 2.83 | 2.83 | 2.83 | 2.83 | 2.83 | 2.83 | 2.83 | 2.83 | 2.83 | 2.83 | 2.83 |
| | | | End of Life | 2.70 | 2.91 | 2.70 | 2.58 | 2.78 | 2.77 | 2.76 | 3.01 | 3.05 | 2.93 | 2.91 | 2.79 | 2.61 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F6 | 1 | 6 | Manufacturing | 0.86 | 3.71 | 0.87 | 0.53 | 0.65 | 0.67 | 0.99 | 0.87 | 0.83 | 0.79 | 0.61 | 0.84 | 0.65 |
| | | | Distribution | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 |
| | | | End of Life | 0.85 | 0.79 | 0.85 | 0.88 | 0.82 | 0.83 | 0.83 | 0.76 | 0.75 | 0.78 | 0.79 | 0.82 | 0.87 |
| | | 10 | Manufacturing | 0.99 | 1.68 | 0.99 | 0.75 | 0.84 | 0.91 | 1.02 | 0.99 | 0.97 | 0.96 | 0.77 | 0.98 | 0.90 |
| | | | Distribution | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 |
| | | | End of Life | 0.99 | 0.96 | 0.99 | 1.01 | 0.97 | 0.98 | 0.98 | 0.94 | 0.93 | 0.95 | 0.96 | 0.98 | 1.00 |
| | | 20 | Manufacturing | 1.31 | -3.39 | 1.30 | 1.30 | 1.29 | 1.52 | 1.10 | 1.29 | 1.30 | 1.39 | 1.19 | 1.32 | 1.54 |
| | | | Distribution | 1.34 | 1.34 | 1.34 | 1.34 | 1.34 | 1.34 | 1.34 | 1.34 | 1.34 | 1.34 | 1.34 | 1.34 | 1.34 |
| | | | End of Life | 1.34 | 1.39 | 1.34 | 1.33 | 1.34 | 1.35 | 1.36 | 1.38 | 1.39 | 1.37 | 1.39 | 1.36 | 1.33 |
| | 2 | 6 | Manufacturing | 1.11 | 0.87 | 1.11 | 1.00 | 1.03 | 1.03 | 1.15 | 1.11 | 1.09 | 1.08 | 1.00 | 1.10 | 1.02 |
| | | | Distribution | 1.06 | 1.06 | 1.06 | 1.06 | 1.06 | 1.06 | 1.06 | 1.06 | 1.06 | 1.06 | 1.06 | 1.06 | 1.06 |
| | | | End of Life | 1.10 | 1.08 | 1.10 | 1.11 | 1.09 | 1.10 | 1.09 | 1.07 | 1.07 | 1.08 | 1.08 | 1.09 | 1.11 |
| | | 10 | Manufacturing | 1.24 | -1.16 | 1.23 | 1.22 | 1.21 | 1.27 | 1.18 | 1.23 | 1.23 | 1.25 | 1.17 | 1.24 | 1.28 |
| | | | Distribution | 1.22 | 1.22 | 1.22 | 1.22 | 1.22 | 1.22 | 1.22 | 1.22 | 1.22 | 1.22 | 1.22 | 1.22 | 1.22 |
| | | | End of Life | 1.24 | 1.25 | 1.24 | 1.24 | 1.24 | 1.24 | 1.24 | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 | 1.24 |
| | | 20 | Manufacturing | 1.56 | -6.22 | 1.54 | 1.77 | 1.66 | 1.87 | 1.26 | 1.52 | 1.56 | 1.67 | 1.59 | 1.58 | 1.92 |
| | | | Distribution | 1.63 | 1.63 | 1.63 | 1.63 | 1.63 | 1.63 | 1.63 | 1.63 | 1.63 | 1.63 | 1.63 | 1.63 | 1.63 |
| | | | End of Life | 1.59 | 1.68 | 1.59 | 1.56 | 1.61 | 1.62 | 1.62 | 1.69 | 1.71 | 1.67 | 1.67 | 1.63 | 1.57 |
| | 3 | 6 | Manufacturing | 1.36 | -1.97 | 1.35 | 1.48 | 1.40 | 1.38 | 1.31 | 1.34 | 1.35 | 1.36 | 1.39 | 1.36 | 1.40 |
| | | | Distribution | 1.35 | 1.35 | 1.35 | 1.35 | 1.35 | 1.35 | 1.35 | 1.35 | 1.35 | 1.35 | 1.35 | 1.35 | 1.35 |
| | | | End of Life | 1.35 | 1.37 | 1.35 | 1.34 | 1.36 | 1.36 | 1.36 | 1.38 | 1.39 | 1.38 | 1.37 | 1.36 | 1.34 |
| | | 10 | Manufacturing | 1.49 | -3.99 | 1.48 | 1.70 | 1.58 | 1.63 | 1.35 | 1.46 | 1.49 | 1.53 | 1.56 | 1.50 | 1.66 |
| | | | Distribution | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 |
| | | | End of Life | 1.49 | 1.54 | 1.49 | 1.47 | 1.51 | 1.51 | 1.51 | 1.56 | 1.57 | 1.55 | 1.54 | 1.51 | 1.47 |
| | | 20 | Manufacturing | 1.81 | -9.06 | 1.79 | 2.25 | 2.04 | 2.23 | 1.42 | 1.76 | 1.82 | 1.95 | 1.98 | 1.85 | 2.30 |
| | | | Distribution | 1.91 | 1.91 | 1.91 | 1.91 | 1.91 | 1.91 | 1.91 | 1.91 | 1.91 | 1.91 | 1.91 | 1.91 | 1.91 |
| | | | End of Life | 1.85 | 1.97 | 1.84 | 1.79 | 1.88 | 1.88 | 1.88 | 2.01 | 2.03 | 1.97 | 1.96 | 1.89 | 1.80 |
| | 4 | 6 | Manufacturing | 1.61 | -4.80 | 1.60 | 1.95 | 1.78 | 1.74 | 1.48 | 1.58 | 1.61 | 1.65 | 1.79 | 1.63 | 1.78 |
| | | | Distribution | 1.64 | 1.64 | 1.64 | 1.64 | 1.64 | 1.64 | 1.64 | 1.64 | 1.64 | 1.64 | 1.64 | 1.64 | 1.64 |
| | | | End of Life | 1.60 | 1.66 | 1.60 | 1.57 | 1.63 | 1.63 | 1.62 | 1.70 | 1.71 | 1.67 | 1.66 | 1.63 | 1.58 |
| | | 10 | Manufacturing | 1.74 | -6.83 | 1.72 | 2.17 | 1.96 | 1.98 | 1.51 | 1.70 | 1.75 | 1.82 | 1.96 | 1.76 | 2.04 |
| | | | Distribution | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 |
| | | | End of Life | 1.74 | 1.83 | 1.74 | 1.70 | 1.78 | 1.77 | 1.77 | 1.87 | 1.89 | 1.84 | 1.83 | 1.78 | 1.71 |
| | | 20 | Manufacturing | 2.06 | -11.90 | 2.03 | 2.72 | 2.41 | 2.58 | 1.59 | 1.99 | 2.08 | 2.24 | 2.38 | 2.11 | 2.67 |
| | | | Distribution | 2.20 | 2.20 | 2.20 | 2.20 | 2.20 | 2.20 | 2.20 | 2.20 | 2.20 | 2.20 | 2.20 | 2.20 | 2.20 |
| | | | End of Life | 2.10 | 2.25 | 2.10 | 2.01 | 2.15 | 2.15 | 2.15 | 2.32 | 2.34 | 2.26 | 2.25 | 2.16 | 2.04 |
| F7 | 1 | 6 | Manufacturing | 0.80 | 3.77 | 0.81 | 0.53 | 0.64 | 0.66 | 0.91 | 0.82 | 0.79 | 0.75 | 0.61 | 0.79 | 0.63 |
| | | | Distribution | 0.74 | 0.74 | 0.74 | 0.74 | 0.74 | 0.74 | 0.74 | 0.74 | 0.74 | 0.74 | 0.74 | 0.74 | 0.74 |
| | | | End of Life | 0.80 | 0.75 | 0.80 | 0.83 | 0.78 | 0.78 | 0.78 | 0.72 | 0.72 | 0.74 | 0.75 | 0.78 | 0.82 |
| | | 10 | Manufacturing | 0.93 | 1.75 | 0.93 | 0.75 | 0.82 | 0.90 | 0.94 | 0.94 | 0.92 | 0.92 | 0.77 | 0.92 | 0.89 |
| | | | Distribution | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 |
| | | | End of Life | 0.94 | 0.92 | 0.94 | 0.95 | 0.93 | 0.93 | 0.93 | 0.90 | 0.90 | 0.91 | 0.92 | 0.93 | 0.95 |
| | | 20 | Manufacturing | 1.25 | -3.32 | 1.24 | 1.29 | 1.27 | 1.50 | 1.02 | 1.23 | 1.25 | 1.35 | 1.19 | 1.27 | 1.53 |
| | | | Distribution | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 |
| | | | End of Life | 1.29 | 1.35 | 1.29 | 1.27 | 1.30 | 1.30 | 1.31 | 1.35 | 1.35 | 1.33 | 1.35 | 1.31 | 1.28 |
| | 2 | 6 | Manufacturing | 1.05 | 0.94 | 1.05 | 1.00 | 1.01 | 1.01 | 1.07 | 1.05 | 1.05 | 1.04 | 1.00 | 1.05 | 1.01 |
| | | | Distribution | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 |
| | | | End of Life | 1.05 | 1.04 | 1.05 | 1.05 | 1.05 | 1.05 | 1.05 | 1.04 | 1.03 | 1.04 | 1.04 | 1.05 | 1.05 |
| | | 10 | Manufacturing | 1.18 | -1.09 | 1.18 | 1.22 | 1.20 | 1.25 | 1.11 | 1.17 | 1.18 | 1.21 | 1.17 | 1.19 | 1.27 |
| | | | Distribution | 1.19 | 1.19 | 1.19 | 1.19 | 1.19 | 1.19 | 1.19 | 1.19 | 1.19 | 1.19 | 1.19 | 1.19 | 1.19 |
| | | | End of Life | 1.19 | 1.21 | 1.19 | 1.18 | 1.19 | 1.20 | 1.20 | 1.21 | 1.22 | 1.21 | 1.21 | 1.20 | 1.18 |
| | | 20 | Manufacturing | 1.50 | -6.16 | 1.49 | 1.77 | 1.65 | 1.86 | 1.18 | 1.47 | 1.51 | 1.63 | 1.59 | 1.53 | 1.91 |
| | | | Distribution | 1.59 | 1.59 | 1.59 | 1.59 | 1.59 | 1.59 | 1.59 | 1.59 | 1.59 | 1.59 | 1.59 | 1.59 | 1.59 |
| | | | End of Life | 1.54 | 1.64 | 1.54 | 1.50 | 1.57 | 1.57 | 1.57 | 1.66 | 1.67 | 1.63 | 1.63 | 1.58 | 1.51 |
| | 3 | 6 | Manufacturing | 1.30 | -1.90 | 1.30 | 1.48 | 1.39 | 1.37 | 1.24 | 1.29 | 1.31 | 1.32 | 1.39 | 1.31 | 1.39 |
| | | | Distribution | 1.32 | 1.32 | 1.32 | 1.32 | 1.32 | 1.32 | 1.32 | 1.32 | 1.32 | 1.32 | 1.32 | 1.32 | 1.32 |
| | | | End of Life | 1.30 | 1.33 | 1.30 | 1.28 | 1.31 | 1.31 | 1.31 | 1.35 | 1.35 | 1.34 | 1.33 | 1.31 | 1.29 |
| | | 10 | Manufacturing | 1.43 | -3.93 | 1.42 | 1.70 | 1.57 | 1.61 | 1.27 | 1.41 | 1.44 | 1.49 | 1.56 | 1.45 | 1.65 |
| | | | Distribution | 1.48 | 1.48 | 1.48 | 1.48 | 1.48 | 1.48 | 1.48 | 1.48 | 1.48 | 1.48 | 1.48 | 1.48 | 1.48 |
| | | | End of Life | 1.44 | 1.50 | 1.44 | 1.41 | 1.46 | 1.46 | 1.46 | 1.52 | 1.53 | 1.50 | 1.50 | 1.47 | 1.42 |
| | | 20 | Manufacturing | 1.75 | -8.99 | 1.73 | 2.25 | 2.02 | 2.21 | 1.35 | 1.70 | 1.77 | 1.91 | 1.98 | 1.79 | 2.28 |
| | | | Distribution | 1.88 | 1.88 | 1.88 | 1.88 | 1.88 | 1.88 | 1.88 | 1.88 | 1.88 | 1.88 | 1.88 | 1.88 | 1.88 |
| | | | End of Life | 1.79 | 1.93 | 1.79 | 1.73 | 1.83 | 1.83 | 1.84 | 1.97 | 1.99 | 1.92 | 1.92 | 1.85 | 1.75 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F8 | 1 | 6 | Manufacturing | 0.75 | 3.84 | 0.76 | 0.52 | 0.63 | 0.64 | 0.84 | 0.77 | 0.74 | 0.72 | 0.61 | 0.74 | 0.62 |
| | | | Distribution | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 |
| | | | End of Life | 0.75 | 0.71 | 0.75 | 0.77 | 0.73 | 0.74 | 0.74 | 0.69 | 0.68 | 0.70 | 0.71 | 0.73 | 0.77 |
| | | 10 | Manufacturing | 0.88 | 1.81 | 0.88 | 0.74 | 0.81 | 0.88 | 0.87 | 0.88 | 0.87 | 0.88 | 0.77 | 0.88 | 0.88 |
| | | | Distribution | 0.87 | 0.87 | 0.87 | 0.87 | 0.87 | 0.87 | 0.87 | 0.87 | 0.87 | 0.87 | 0.87 | 0.87 | 0.87 |
| | | | End of Life | 0.89 | 0.88 | 0.89 | 0.90 | 0.88 | 0.88 | 0.89 | 0.87 | 0.86 | 0.87 | 0.88 | 0.88 | 0.90 |
| | | 20 | Manufacturing | 1.20 | -3.26 | 1.19 | 1.29 | 1.26 | 1.49 | 0.95 | 1.18 | 1.20 | 1.31 | 1.19 | 1.22 | 1.52 |
| | | | Distribution | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 |
| | | | End of Life | 1.24 | 1.31 | 1.24 | 1.22 | 1.25 | 1.26 | 1.27 | 1.31 | 1.32 | 1.29 | 1.31 | 1.27 | 1.23 |
| | 2 | 6 | Manufacturing | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | | Distribution | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | | End of Life | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | 10 | Manufacturing | 1.13 | -1.03 | 1.12 | 1.22 | 1.18 | 1.24 | 1.03 | 1.12 | 1.13 | 1.17 | 1.17 | 1.14 | 1.26 |
| | | | Distribution | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 |
| | | | End of Life | 1.14 | 1.17 | 1.14 | 1.13 | 1.15 | 1.15 | 1.15 | 1.18 | 1.18 | 1.17 | 1.17 | 1.15 | 1.13 |
| | | 20 | Manufacturing | 1.45 | -6.09 | 1.43 | 1.77 | 1.63 | 1.84 | 1.11 | 1.42 | 1.46 | 1.59 | 1.59 | 1.48 | 1.89 |
| | | | Distribution | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 |
| | | | End of Life | 1.49 | 1.60 | 1.49 | 1.45 | 1.52 | 1.52 | 1.53 | 1.62 | 1.64 | 1.59 | 1.60 | 1.53 | 1.46 |
| F9 | 1 | 6 | Manufacturing | 0.71 | 3.89 | 0.71 | 0.52 | 0.61 | 0.63 | 0.78 | 0.72 | 0.70 | 0.68 | 0.61 | 0.70 | 0.61 |
| | | | Distribution | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 |
| | | | End of Life | 0.71 | 0.68 | 0.71 | 0.73 | 0.69 | 0.70 | 0.70 | 0.66 | 0.65 | 0.67 | 0.68 | 0.70 | 0.72 |
| | | 10 | Manufacturing | 0.84 | 1.86 | 0.84 | 0.74 | 0.79 | 0.87 | 0.81 | 0.84 | 0.83 | 0.85 | 0.77 | 0.84 | 0.87 |
| | | | Distribution | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 |
| | | | End of Life | 0.85 | 0.85 | 0.85 | 0.86 | 0.84 | 0.85 | 0.85 | 0.84 | 0.84 | 0.84 | 0.85 | 0.85 | 0.85 |
| | | 20 | Manufacturing | 1.16 | -3.21 | 1.15 | 1.29 | 1.25 | 1.48 | 0.89 | 1.14 | 1.17 | 1.28 | 1.19 | 1.18 | 1.51 |
| | | | Distribution | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 |
| | | | End of Life | 1.20 | 1.28 | 1.20 | 1.17 | 1.21 | 1.22 | 1.23 | 1.28 | 1.29 | 1.26 | 1.28 | 1.23 | 1.18 |
| G4 | 1 | 6 | Manufacturing | 1.12 | 3.40 | 1.12 | 0.53 | 0.72 | 0.74 | 1.35 | 1.13 | 1.05 | 0.98 | 0.61 | 1.08 | 0.70 |
| | | | Distribution | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 |
| | | | End of Life | 1.09 | 0.97 | 1.09 | 1.14 | 1.04 | 1.06 | 1.05 | 0.93 | 0.91 | 0.97 | 0.98 | 1.04 | 1.12 |
| | | 10 | Manufacturing | 1.25 | 1.38 | 1.25 | 0.75 | 0.90 | 0.98 | 1.38 | 1.24 | 1.19 | 1.15 | 0.77 | 1.21 | 0.96 |
| | | | Distribution | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 |
| | | | End of Life | 1.23 | 1.15 | 1.23 | 1.27 | 1.19 | 1.21 | 1.20 | 1.11 | 1.10 | 1.14 | 1.15 | 1.19 | 1.26 |
| | | 20 | Manufacturing | 1.57 | -3.69 | 1.56 | 1.30 | 1.36 | 1.58 | 1.46 | 1.54 | 1.52 | 1.57 | 1.19 | 1.56 | 1.60 |
| | | | Distribution | 1.49 | 1.49 | 1.49 | 1.49 | 1.49 | 1.49 | 1.49 | 1.49 | 1.49 | 1.49 | 1.49 | 1.49 | 1.49 |
| | | | End of Life | 1.58 | 1.57 | 1.58 | 1.59 | 1.56 | 1.58 | 1.58 | 1.56 | 1.55 | 1.56 | 1.57 | 1.58 | 1.59 |
| | 2 | 6 | Manufacturing | 1.37 | 0.57 | 1.37 | 1.01 | 1.10 | 1.10 | 1.51 | 1.36 | 1.31 | 1.26 | 1.00 | 1.34 | 1.08 |
| | | | Distribution | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 |
| | | | End of Life | 1.34 | 1.26 | 1.34 | 1.37 | 1.31 | 1.32 | 1.31 | 1.25 | 1.23 | 1.27 | 1.26 | 1.31 | 1.36 |
| | | 10 | Manufacturing | 1.50 | -1.46 | 1.49 | 1.23 | 1.28 | 1.34 | 1.55 | 1.48 | 1.45 | 1.43 | 1.17 | 1.48 | 1.34 |
| | | | Distribution | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 |
| | | | End of Life | 1.48 | 1.43 | 1.48 | 1.50 | 1.46 | 1.47 | 1.46 | 1.42 | 1.41 | 1.44 | 1.43 | 1.46 | 1.49 |
| | | 20 | Manufacturing | 1.82 | -6.53 | 1.80 | 1.78 | 1.73 | 1.94 | 1.62 | 1.78 | 1.78 | 1.85 | 1.59 | 1.82 | 1.98 |
| | | | Distribution | 1.78 | 1.78 | 1.78 | 1.78 | 1.78 | 1.78 | 1.78 | 1.78 | 1.78 | 1.78 | 1.78 | 1.78 | 1.78 |
| | | | End of Life | 1.84 | 1.86 | 1.84 | 1.82 | 1.83 | 1.84 | 1.84 | 1.87 | 1.87 | 1.86 | 1.86 | 1.84 | 1.82 |
| | 3 | 6 | Manufacturing | 1.62 | -2.27 | 1.61 | 1.48 | 1.47 | 1.45 | 1.68 | 1.60 | 1.57 | 1.55 | 1.39 | 1.60 | 1.46 |
| | | | Distribution | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 |
| | | | End of Life | 1.59 | 1.55 | 1.59 | 1.60 | 1.58 | 1.59 | 1.57 | 1.56 | 1.55 | 1.57 | 1.55 | 1.58 | 1.59 |
| | | 10 | Manufacturing | 1.75 | -4.30 | 1.73 | 1.70 | 1.65 | 1.69 | 1.71 | 1.71 | 1.71 | 1.72 | 1.56 | 1.74 | 1.71 |
| | | | Distribution | 1.66 | 1.66 | 1.66 | 1.66 | 1.66 | 1.66 | 1.66 | 1.66 | 1.66 | 1.66 | 1.66 | 1.66 | 1.66 |
| | | | End of Life | 1.73 | 1.72 | 1.73 | 1.73 | 1.73 | 1.73 | 1.72 | 1.73 | 1.73 | 1.73 | 1.72 | 1.73 | 1.73 |
| | | 20 | Manufacturing | 2.07 | -9.36 | 2.04 | 2.25 | 2.11 | 2.30 | 1.78 | 2.01 | 2.04 | 2.14 | 1.98 | 2.08 | 2.35 |
| | | | Distribution | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 |
| | | | End of Life | 2.09 | 2.15 | 2.09 | 2.05 | 2.10 | 2.11 | 2.10 | 2.18 | 2.19 | 2.15 | 2.15 | 2.11 | 2.06 |
| | 4 | 6 | Manufacturing | 1.87 | -5.11 | 1.85 | 1.96 | 1.85 | 1.81 | 1.84 | 1.83 | 1.84 | 1.83 | 1.79 | 1.86 | 1.84 |
| | | | Distribution | 1.79 | 1.79 | 1.79 | 1.79 | 1.79 | 1.79 | 1.79 | 1.79 | 1.79 | 1.79 | 1.79 | 1.79 | 1.79 |
| | | | End of Life | 1.84 | 1.84 | 1.84 | 1.83 | 1.85 | 1.85 | 1.84 | 1.87 | 1.87 | 1.86 | 1.84 | 1.85 | 1.83 |
| | | 10 | Manufacturing | 1.99 | -7.13 | 1.98 | 2.18 | 2.03 | 2.05 | 1.87 | 1.95 | 1.97 | 2.00 | 1.96 | 2.00 | 2.09 |
| | | | Distribution | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 |
| | | | End of Life | 1.99 | 2.01 | 1.98 | 1.96 | 2.00 | 2.00 | 1.99 | 2.05 | 2.05 | 2.03 | 2.01 | 2.00 | 1.96 |
| | | 20 | Manufacturing | 2.32 | -12.20 | 2.29 | 2.73 | 2.48 | 2.65 | 1.95 | 2.25 | 2.30 | 2.42 | 2.38 | 2.35 | 2.73 |
| | | | Distribution | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 |
| | | | End of Life | 2.34 | 2.44 | 2.34 | 2.28 | 2.37 | 2.37 | 2.36 | 2.49 | 2.51 | 2.45 | 2.44 | 2.38 | 2.29 |
| | 5 | 6 | Manufacturing | 2.12 | -7.94 | 2.10 | 2.44 | 2.22 | 2.16 | 2.00 | 2.07 | 2.10 | 2.11 | 2.18 | 2.13 | 2.21 |
| | | | Distribution | 2.07 | 2.07 | 2.07 | 2.07 | 2.07 | 2.07 | 2.07 | 2.07 | 2.07 | 2.07 | 2.07 | 2.07 | 2.07 |
| | | | End of Life | 2.10 | 2.13 | 2.09 | 2.06 | 2.12 | 2.11 | 2.10 | 2.18 | 2.19 | 2.16 | 2.13 | 2.11 | 2.06 |
| | | 10 | Manufacturing | 2.24 | -9.97 | 2.22 | 2.66 | 2.40 | 2.41 | 2.03 | 2.18 | 2.23 | 2.28 | 2.35 | 2.26 | 2.47 |
| | | | Distribution | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 |
| | | | End of Life | 2.24 | 2.30 | 2.24 | 2.18 | 2.27 | 2.26 | 2.25 | 2.36 | 2.37 | 2.33 | 2.30 | 2.27 | 2.20 |
| | | 20 | Manufacturing | 2.56 | -15.04 | 2.53 | 3.20 | 2.85 | 3.01 | 2.11 | 2.48 | 2.56 | 2.71 | 2.77 | 2.61 | 3.11 |
| | | | Distribution | 2.64 | 2.64 | 2.64 | 2.64 | 2.64 | 2.64 | 2.64 | 2.64 | 2.64 | 2.64 | 2.64 | 2.64 | 2.64 |
| | | | End of Life | 2.59 | 2.73 | 2.59 | 2.50 | 2.64 | 2.64 | 2.63 | 2.80 | 2.83 | 2.75 | 2.73 | 2.65 | 2.53 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G5 | 1 | 6 | Manufacturing | 1.01 | 3.54 | 1.01 | 0.53 | 0.69 | 0.71 | 1.20 | 1.02 | 0.96 | 0.90 | 0.61 | 0.97 | 0.68 |
| | | | Distribution | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 |
| | | | End of Life | 0.99 | 0.89 | 0.99 | 1.03 | 0.95 | 0.96 | 0.95 | 0.86 | 0.84 | 0.89 | 0.90 | 0.95 | 1.02 |
| | | 10 | Manufacturing | 1.14 | 1.51 | 1.14 | 0.75 | 0.87 | 0.95 | 1.23 | 1.14 | 1.09 | 1.07 | 0.77 | 1.11 | 0.93 |
| | | | Distribution | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 |
| | | | End of Life | 1.13 | 1.07 | 1.13 | 1.16 | 1.10 | 1.11 | 1.11 | 1.04 | 1.03 | 1.06 | 1.07 | 1.10 | 1.15 |
| | | 20 | Manufacturing | 1.46 | -3.56 | 1.45 | 1.30 | 1.33 | 1.55 | 1.31 | 1.43 | 1.42 | 1.49 | 1.19 | 1.46 | 1.57 |
| | | | Distribution | 1.42 | 1.42 | 1.42 | 1.42 | 1.42 | 1.42 | 1.42 | 1.42 | 1.42 | 1.42 | 1.42 | 1.42 | 1.42 |
| | | | End of Life | 1.48 | 1.49 | 1.48 | 1.48 | 1.47 | 1.48 | 1.48 | 1.48 | 1.48 | 1.48 | 1.49 | 1.48 | 1.48 |
| | 2 | 6 | Manufacturing | 1.26 | 0.70 | 1.26 | 1.01 | 1.07 | 1.07 | 1.36 | 1.25 | 1.22 | 1.18 | 1.00 | 1.23 | 1.06 |
| | | | Distribution | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 |
| | | | End of Life | 1.24 | 1.18 | 1.24 | 1.26 | 1.22 | 1.22 | 1.22 | 1.17 | 1.16 | 1.19 | 1.18 | 1.22 | 1.25 |
| | | 10 | Manufacturing | 1.39 | -1.33 | 1.38 | 1.23 | 1.25 | 1.31 | 1.39 | 1.37 | 1.35 | 1.35 | 1.17 | 1.37 | 1.31 |
| | | | Distribution | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 |
| | | | End of Life | 1.38 | 1.35 | 1.38 | 1.39 | 1.37 | 1.37 | 1.37 | 1.35 | 1.34 | 1.36 | 1.35 | 1.37 | 1.38 |
| | | 20 | Manufacturing | 1.71 | -6.40 | 1.69 | 1.77 | 1.70 | 1.91 | 1.47 | 1.67 | 1.68 | 1.77 | 1.59 | 1.72 | 1.95 |
| | | | Distribution | 1.71 | 1.71 | 1.71 | 1.71 | 1.71 | 1.71 | 1.71 | 1.71 | 1.71 | 1.71 | 1.71 | 1.71 | 1.71 |
| | | | End of Life | 1.73 | 1.78 | 1.73 | 1.71 | 1.74 | 1.74 | 1.75 | 1.79 | 1.80 | 1.78 | 1.78 | 1.75 | 1.71 |
| | 3 | 6 | Manufacturing | 1.51 | -2.14 | 1.50 | 1.48 | 1.44 | 1.42 | 1.52 | 1.49 | 1.48 | 1.47 | 1.39 | 1.50 | 1.43 |
| | | | Distribution | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 |
| | | | End of Life | 1.49 | 1.47 | 1.49 | 1.49 | 1.49 | 1.49 | 1.48 | 1.48 | 1.48 | 1.48 | 1.47 | 1.48 | 1.49 |
| | | 10 | Manufacturing | 1.63 | -4.16 | 1.62 | 1.70 | 1.62 | 1.66 | 1.55 | 1.60 | 1.61 | 1.64 | 1.56 | 1.64 | 1.69 |
| | | | Distribution | 1.60 | 1.60 | 1.60 | 1.60 | 1.60 | 1.60 | 1.60 | 1.60 | 1.60 | 1.60 | 1.60 | 1.60 | 1.60 |
| | | | End of Life | 1.63 | 1.64 | 1.63 | 1.62 | 1.63 | 1.64 | 1.63 | 1.66 | 1.66 | 1.65 | 1.64 | 1.64 | 1.62 |
| | | 20 | Manufacturing | 1.95 | -9.23 | 1.93 | 2.25 | 2.08 | 2.27 | 1.63 | 1.90 | 1.94 | 2.06 | 1.98 | 1.98 | 2.33 |
| | | | Distribution | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 |
| | | | End of Life | 1.98 | 2.07 | 1.98 | 1.93 | 2.01 | 2.01 | 2.01 | 2.10 | 2.12 | 2.07 | 2.07 | 2.02 | 1.95 |
| | 4 | 6 | Manufacturing | 1.75 | -4.97 | 1.74 | 1.96 | 1.82 | 1.78 | 1.68 | 1.72 | 1.74 | 1.75 | 1.79 | 1.76 | 1.81 |
| | | | Distribution | 1.72 | 1.72 | 1.72 | 1.72 | 1.72 | 1.72 | 1.72 | 1.72 | 1.72 | 1.72 | 1.72 | 1.72 | 1.72 |
| | | | End of Life | 1.74 | 1.76 | 1.74 | 1.72 | 1.75 | 1.75 | 1.74 | 1.79 | 1.80 | 1.78 | 1.76 | 1.75 | 1.72 |
| | | 10 | Manufacturing | 1.88 | -7.00 | 1.87 | 2.18 | 2.00 | 2.02 | 1.71 | 1.84 | 1.87 | 1.92 | 1.96 | 1.90 | 2.07 |
| | | | Distribution | 1.88 | 1.88 | 1.88 | 1.88 | 1.88 | 1.88 | 1.88 | 1.88 | 1.88 | 1.88 | 1.88 | 1.88 | 1.88 |
| | | | End of Life | 1.88 | 1.93 | 1.88 | 1.84 | 1.90 | 1.90 | 1.89 | 1.97 | 1.98 | 1.95 | 1.93 | 1.90 | 1.85 |
| | | 20 | Manufacturing | 2.20 | -12.07 | 2.18 | 2.73 | 2.45 | 2.62 | 1.79 | 2.14 | 2.20 | 2.34 | 2.38 | 2.24 | 2.71 |
| | | | Distribution | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 |
| | | | End of Life | 2.23 | 2.36 | 2.23 | 2.16 | 2.27 | 2.27 | 2.27 | 2.41 | 2.44 | 2.37 | 2.36 | 2.29 | 2.18 |
| G6 | 1 | 6 | Manufacturing | 0.94 | 3.62 | 0.94 | 0.53 | 0.68 | 0.69 | 1.10 | 0.95 | 0.90 | 0.85 | 0.61 | 0.91 | 0.66 |
| | | | Distribution | 0.82 | 0.82 | 0.82 | 0.82 | 0.82 | 0.82 | 0.82 | 0.82 | 0.82 | 0.82 | 0.82 | 0.82 | 0.82 |
| | | | End of Life | 0.92 | 0.84 | 0.92 | 0.96 | 0.89 | 0.90 | 0.89 | 0.81 | 0.80 | 0.84 | 0.85 | 0.89 | 0.95 |
| | | 10 | Manufacturing | 1.07 | 1.59 | 1.07 | 0.75 | 0.86 | 0.93 | 1.13 | 1.07 | 1.03 | 1.02 | 0.77 | 1.05 | 0.92 |
| | | | Distribution | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| | | | End of Life | 1.06 | 1.01 | 1.06 | 1.09 | 1.04 | 1.05 | 1.05 | 0.99 | 0.98 | 1.01 | 1.02 | 1.04 | 1.08 |
| | | 20 | Manufacturing | 1.39 | -3.48 | 1.38 | 1.30 | 1.31 | 1.54 | 1.21 | 1.36 | 1.36 | 1.44 | 1.19 | 1.39 | 1.56 |
| | | | Distribution | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 |
| | | | End of Life | 1.41 | 1.44 | 1.41 | 1.41 | 1.41 | 1.42 | 1.42 | 1.43 | 1.44 | 1.43 | 1.44 | 1.42 | 1.41 |
| | 2 | 6 | Manufacturing | 1.19 | 0.78 | 1.19 | 1.00 | 1.05 | 1.05 | 1.26 | 1.18 | 1.16 | 1.13 | 1.00 | 1.17 | 1.04 |
| | | | Distribution | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 |
| | | | End of Life | 1.17 | 1.13 | 1.17 | 1.19 | 1.16 | 1.16 | 1.16 | 1.12 | 1.12 | 1.14 | 1.13 | 1.16 | 1.18 |
| | | 10 | Manufacturing | 1.31 | -1.25 | 1.31 | 1.22 | 1.23 | 1.29 | 1.29 | 1.30 | 1.29 | 1.30 | 1.17 | 1.31 | 1.30 |
| | | | Distribution | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 |
| | | | End of Life | 1.31 | 1.30 | 1.31 | 1.32 | 1.31 | 1.31 | 1.31 | 1.30 | 1.30 | 1.30 | 1.30 | 1.31 | 1.31 |
| | | 20 | Manufacturing | 1.64 | -6.31 | 1.62 | 1.77 | 1.68 | 1.89 | 1.37 | 1.60 | 1.62 | 1.72 | 1.59 | 1.65 | 1.94 |
| | | | Distribution | 1.67 | 1.67 | 1.67 | 1.67 | 1.67 | 1.67 | 1.67 | 1.67 | 1.67 | 1.67 | 1.67 | 1.67 | 1.67 |
| | | | End of Life | 1.67 | 1.73 | 1.66 | 1.63 | 1.68 | 1.68 | 1.69 | 1.74 | 1.76 | 1.72 | 1.73 | 1.69 | 1.64 |
| | 3 | 6 | Manufacturing | 1.43 | -2.05 | 1.43 | 1.48 | 1.42 | 1.40 | 1.42 | 1.42 | 1.42 | 1.42 | 1.39 | 1.43 | 1.42 |
| | | | Distribution | 1.39 | 1.39 | 1.39 | 1.39 | 1.39 | 1.39 | 1.39 | 1.39 | 1.39 | 1.39 | 1.39 | 1.39 | 1.39 |
| | | | End of Life | 1.42 | 1.42 | 1.42 | 1.42 | 1.43 | 1.43 | 1.42 | 1.43 | 1.44 | 1.43 | 1.42 | 1.42 | 1.42 |
| | | 10 | Manufacturing | 1.56 | -4.08 | 1.55 | 1.70 | 1.60 | 1.65 | 1.45 | 1.54 | 1.55 | 1.59 | 1.56 | 1.57 | 1.67 |
| | | | Distribution | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 |
| | | | End of Life | 1.56 | 1.59 | 1.56 | 1.54 | 1.57 | 1.58 | 1.57 | 1.61 | 1.62 | 1.60 | 1.59 | 1.58 | 1.55 |
| | | 20 | Manufacturing | 1.88 | -9.15 | 1.86 | 2.25 | 2.06 | 2.25 | 1.53 | 1.83 | 1.88 | 2.01 | 1.98 | 1.92 | 2.31 |
| | | | Distribution | 1.96 | 1.96 | 1.96 | 1.96 | 1.96 | 1.96 | 1.96 | 1.96 | 1.96 | 1.96 | 1.96 | 1.96 | 1.96 |
| | | | End of Life | 1.92 | 2.02 | 1.92 | 1.86 | 1.95 | 1.95 | 1.95 | 2.06 | 2.07 | 2.02 | 2.02 | 1.96 | 1.88 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G7 | 1 | 6 | Manufacturing | 0.87 | 3.70 | 0.88 | 0.53 | 0.66 | 0.68 | 1.01 | 0.88 | 0.84 | 0.80 | 0.61 | 0.85 | 0.65 |
| | | | Distribution | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 |
| | | | End of Life | 0.86 | 0.80 | 0.86 | 0.89 | 0.83 | 0.84 | 0.84 | 0.77 | 0.76 | 0.79 | 0.80 | 0.83 | 0.88 |
| | | 10 | Manufacturing | 1.00 | 1.67 | 1.00 | 0.75 | 0.84 | 0.92 | 1.04 | 1.00 | 0.97 | 0.97 | 0.77 | 0.98 | 0.90 |
| | | | Distribution | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 |
| | | | End of Life | 1.00 | 0.97 | 1.00 | 1.02 | 0.98 | 0.99 | 0.99 | 0.95 | 0.94 | 0.96 | 0.97 | 0.98 | 1.01 |
| | | 20 | Manufacturing | 1.32 | -3.40 | 1.31 | 1.30 | 1.29 | 1.52 | 1.11 | 1.30 | 1.31 | 1.39 | 1.19 | 1.33 | 1.54 |
| | | | Distribution | 1.34 | 1.34 | 1.34 | 1.34 | 1.34 | 1.34 | 1.34 | 1.34 | 1.34 | 1.34 | 1.34 | 1.34 | 1.34 |
| | | | End of Life | 1.35 | 1.39 | 1.35 | 1.34 | 1.35 | 1.36 | 1.37 | 1.39 | 1.40 | 1.38 | 1.39 | 1.37 | 1.34 |
| | 2 | 6 | Manufacturing | 1.12 | 0.86 | 1.12 | 1.00 | 1.03 | 1.03 | 1.17 | 1.12 | 1.10 | 1.08 | 1.00 | 1.11 | 1.03 |
| | | | Distribution | 1.07 | 1.07 | 1.07 | 1.07 | 1.07 | 1.07 | 1.07 | 1.07 | 1.07 | 1.07 | 1.07 | 1.07 | 1.07 |
| | | | End of Life | 1.11 | 1.09 | 1.11 | 1.12 | 1.10 | 1.10 | 1.10 | 1.08 | 1.08 | 1.09 | 1.09 | 1.10 | 1.12 |
| | | 10 | Manufacturing | 1.25 | -1.17 | 1.24 | 1.22 | 1.21 | 1.27 | 1.20 | 1.24 | 1.23 | 1.25 | 1.17 | 1.25 | 1.28 |
| | | | Distribution | 1.23 | 1.23 | 1.23 | 1.23 | 1.23 | 1.23 | 1.23 | 1.23 | 1.23 | 1.23 | 1.23 | 1.23 | 1.23 |
| | | | End of Life | 1.25 | 1.26 | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 | 1.26 | 1.26 | 1.26 | 1.26 | 1.25 | 1.25 |
| | | 20 | Manufacturing | 1.57 | -6.23 | 1.55 | 1.77 | 1.66 | 1.87 | 1.28 | 1.53 | 1.57 | 1.68 | 1.59 | 1.59 | 1.92 |
| | | | Distribution | 1.63 | 1.63 | 1.63 | 1.63 | 1.63 | 1.63 | 1.63 | 1.63 | 1.63 | 1.63 | 1.63 | 1.63 | 1.63 |
| | | | End of Life | 1.60 | 1.68 | 1.60 | 1.57 | 1.62 | 1.63 | 1.63 | 1.70 | 1.71 | 1.68 | 1.68 | 1.63 | 1.58 |
| G8 | 1 | 6 | Manufacturing | 0.82 | 3.76 | 0.82 | 0.53 | 0.64 | 0.66 | 0.93 | 0.83 | 0.80 | 0.76 | 0.61 | 0.80 | 0.64 |
| | | | Distribution | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 |
| | | | End of Life | 0.81 | 0.76 | 0.81 | 0.84 | 0.79 | 0.79 | 0.79 | 0.73 | 0.72 | 0.75 | 0.76 | 0.79 | 0.83 |
| | | 10 | Manufacturing | 0.94 | 1.73 | 0.95 | 0.75 | 0.82 | 0.90 | 0.96 | 0.95 | 0.93 | 0.93 | 0.77 | 0.93 | 0.89 |
| | | | Distribution | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 |
| | | | End of Life | 0.95 | 0.93 | 0.95 | 0.97 | 0.93 | 0.94 | 0.94 | 0.91 | 0.90 | 0.92 | 0.93 | 0.94 | 0.96 |
| | | 20 | Manufacturing | 1.27 | -3.33 | 1.26 | 1.29 | 1.28 | 1.50 | 1.04 | 1.24 | 1.26 | 1.35 | 1.19 | 1.28 | 1.53 |
| | | | Distribution | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 | 1.31 |
| | | | End of Life | 1.30 | 1.36 | 1.30 | 1.28 | 1.31 | 1.31 | 1.32 | 1.35 | 1.36 | 1.34 | 1.35 | 1.32 | 1.29 |



For products other than the Reference Product, the environmental impacts for the Use phase is correlated to the device quantity, type of device, and the length of the drop cord. The appropriate impacts* can be found by multiplying by the respective coefficients below:

*Full table of extrapolation rules available upon request (contact starlinesustainability@legrand.com)

| Device Quantity | Device Code | Drop Cord Length (ft) | Phase | 60% | 30% | 40% | 50% | 70% | 80% | 100% |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | LB | 6 | Use | 0.523 | 0.131 | 0.233 | 0.363 | 0.712 | 0.93 | 1.4539 |
| | | 10 | Use | 0.685 | 0.171 | 0.304 | 0.476 | 0.932 | 1.218 | 1.9025 |
| | | 20 | Use | 1.089 | 0.272 | 0.484 | 0.756 | 1.482 | 1.935 | 3.0242 |
| | MK | 6 | Use | 0.523 | 0.131 | 0.233 | 0.363 | 0.712 | 0.93 | 1.4539 |
| | | 10 | Use | 0.685 | 0.171 | 0.304 | 0.476 | 0.932 | 1.218 | 1.9025 |
| | | 20 | Use | 1.089 | 0.272 | 0.484 | 0.756 | 1.482 | 1.935 | 3.0242 |
| | MC | 6 | Use | 0.5 | 0.125 | 0.222 | 0.347 | 0.681 | 0.889 | 1.3889 |
| | | 10 | Use | 0.662 | 0.165 | 0.294 | 0.459 | 0.9 | 1.176 | 1.8376 |
| | | 20 | Use | 1.065 | 0.266 | 0.473 | 0.74 | 1.45 | 1.894 | 2.9592 |
| | GR | 6 | Use | 0.523 | 0.131 | 0.233 | 0.363 | 0.712 | 0.93 | 1.4539 |
| | | 10 | Use | 0.685 | 0.171 | 0.304 | 0.476 | 0.932 | 1.218 | 1.9025 |
| | | 20 | Use | 1.089 | 0.272 | 0.484 | 0.756 | 1.482 | 1.935 | 3.0242 |
| 2 | BX | 6 | Use | 0.553 | 0.138 | 0.246 | 0.384 | 0.753 | 0.983 | 1.5362 |
| | | 10 | Use | 0.738 | 0.184 | 0.328 | 0.512 | 1.004 | 1.311 | 2.0488 |
| | | 20 | Use | 1.199 | 0.3 | 0.533 | 0.833 | 1.632 | 2.131 | 3.3304 |
| | CB | 6 | Use | 0.553 | 0.138 | 0.246 | 0.384 | 0.753 | 0.983 | 1.5362 |
| | | 10 | Use | 0.738 | 0.184 | 0.328 | 0.512 | 1.004 | 1.311 | 2.0488 |
| | | 20 | Use | 1.199 | 0.3 | 0.533 | 0.833 | 1.632 | 2.131 | 3.3304 |
| | CI | 6 | Use | 0.553 | 0.138 | 0.246 | 0.384 | 0.753 | 0.983 | 1.5362 |
| | | 10 | Use | 0.738 | 0.184 | 0.328 | 0.512 | 1.004 | 1.311 | 2.0488 |
| | | 20 | Use | 1.199 | 0.3 | 0.533 | 0.833 | 1.632 | 2.131 | 3.3304 |
| | LB | 6 | Use | 1.047 | 0.262 | 0.465 | 0.727 | 1.425 | 1.861 | 2.9077 |
| | | 10 | Use | 1.37 | 0.342 | 0.609 | 0.951 | 1.864 | 2.435 | 3.805 |
| | | 20 | Use | 2.177 | 0.544 | 0.968 | 1.512 | 2.964 | 3.871 | 6.0484 |
| | MK | 6 | Use | 1.047 | 0.262 | 0.465 | 0.727 | 1.425 | 1.861 | 2.9077 |
| | | 10 | Use | 1.37 | 0.342 | 0.609 | 0.951 | 1.864 | 2.435 | 3.805 |
| | | 20 | Use | 2.177 | 0.544 | 0.968 | 1.512 | 2.964 | 3.871 | 6.0484 |
| | MC | 6 | Use | 1 | 0.25 | 0.444 | 0.694 | 1.361 | 1.778 | 2.7778 |
| | | 10 | Use | 1.323 | 0.331 | 0.588 | 0.919 | 1.801 | 2.352 | 3.6751 |
| | | 20 | Use | 2.131 | 0.533 | 0.947 | 1.48 | 2.9 | 3.788 | 5.9184 |
| | GR | 6 | Use | 1.047 | 0.262 | 0.465 | 0.727 | 1.425 | 1.861 | 2.9077 |
| | | 10 | Use | 1.37 | 0.342 | 0.609 | 0.951 | 1.864 | 2.435 | 3.805 |
| | | 20 | Use | 2.177 | 0.544 | 0.968 | 1.512 | 2.964 | 3.871 | 6.0484 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 3 | BX | 6 | Use | 0.83 | 0.207 | 0.369 | 0.576 | 1.129 | 1.475 | 2.3043 |
| | | 10 | Use | 1.106 | 0.277 | 0.492 | 0.768 | 1.506 | 1.967 | 3.0733 |
| | | 20 | Use | 1.798 | 0.45 | 0.799 | 1.249 | 2.448 | 3.197 | 4.9956 |
| | CB | 6 | Use | 0.83 | 0.207 | 0.369 | 0.576 | 1.129 | 1.475 | 2.3043 |
| | | 10 | Use | 1.106 | 0.277 | 0.492 | 0.768 | 1.506 | 1.967 | 3.0733 |
| | | 20 | Use | 1.798 | 0.45 | 0.799 | 1.249 | 2.448 | 3.197 | 4.9956 |
| | CI | 6 | Use | 0.83 | 0.207 | 0.369 | 0.576 | 1.129 | 1.475 | 2.3043 |
| | | 10 | Use | 1.106 | 0.277 | 0.492 | 0.768 | 1.506 | 1.967 | 3.0733 |
| | | 20 | Use | 1.798 | 0.45 | 0.799 | 1.249 | 2.448 | 3.197 | 4.9956 |
| 4 | BW | 6 | Use | 0.45 | 0.113 | 0.2 | 0.313 | 0.613 | 0.8 | 1.2505 |
| | | 10 | Use | 0.597 | 0.149 | 0.265 | 0.414 | 0.812 | 1.061 | 1.6578 |
| | | 20 | Use | 0.963 | 0.241 | 0.428 | 0.669 | 1.311 | 1.713 | 2.6758 |
| | CC | 6 | Use | 0.45 | 0.113 | 0.2 | 0.313 | 0.613 | 0.8 | 1.2505 |
| | | 10 | Use | 0.597 | 0.149 | 0.265 | 0.414 | 0.812 | 1.061 | 1.6578 |
| | | 20 | Use | 0.963 | 0.241 | 0.428 | 0.669 | 1.311 | 1.713 | 2.6758 |
| | EX | 6 | Use | 0.45 | 0.113 | 0.2 | 0.313 | 0.613 | 0.8 | 1.2505 |
| | | 10 | Use | 0.597 | 0.149 | 0.265 | 0.414 | 0.812 | 1.061 | 1.6578 |
| | | 20 | Use | 0.963 | 0.241 | 0.428 | 0.669 | 1.311 | 1.713 | 2.6758 |
| | CH | 6 | Use | 0.45 | 0.113 | 0.2 | 0.313 | 0.613 | 0.8 | 1.2505 |
| | | 10 | Use | 0.597 | 0.149 | 0.265 | 0.414 | 0.812 | 1.061 | 1.6578 |
| | | 20 | Use | 0.963 | 0.241 | 0.428 | 0.669 | 1.311 | 1.713 | 2.6758 |
| | BI | 6 | Use | 0.45 | 0.113 | 0.2 | 0.313 | 0.613 | 0.8 | 1.2505 |
| | | 10 | Use | 0.597 | 0.149 | 0.265 | 0.414 | 0.812 | 1.061 | 1.6578 |
| | | 20 | Use | 0.963 | 0.241 | 0.428 | 0.669 | 1.311 | 1.713 | 2.6758 |
| | BX | 6 | Use | 1.106 | 0.277 | 0.492 | 0.768 | 1.505 | 1.966 | 3.0724 |
| | | 10 | Use | 1.475 | 0.369 | 0.656 | 1.024 | 2.008 | 2.623 | 4.0977 |
| | | 20 | Use | 2.398 | 0.599 | 1.066 | 1.665 | 3.264 | 4.263 | 6.6608 |
| | CB | 6 | Use | 1.106 | 0.277 | 0.492 | 0.768 | 1.505 | 1.966 | 3.0724 |
| | | 10 | Use | 1.475 | 0.369 | 0.656 | 1.024 | 2.008 | 2.623 | 4.0977 |
| | | 20 | Use | 2.398 | 0.599 | 1.066 | 1.665 | 3.264 | 4.263 | 6.6608 |
| | CI | 6 | Use | 1.106 | 0.277 | 0.492 | 0.768 | 1.505 | 1.966 | 3.0724 |
| | | 10 | Use | 1.475 | 0.369 | 0.656 | 1.024 | 2.008 | 2.623 | 4.0977 |
| | | 20 | Use | 2.398 | 0.599 | 1.066 | 1.665 | 3.264 | 4.263 | 6.6608 |
| 5 | BW | 6 | Use | 0.563 | 0.141 | 0.25 | 0.391 | 0.766 | 1 | 1.5632 |
| | | 10 | Use | 0.746 | 0.186 | 0.332 | 0.518 | 1.015 | 1.326 | 2.0722 |
| | | 20 | Use | 1.204 | 0.301 | 0.535 | 0.836 | 1.639 | 2.141 | 3.3448 |
| | CC | 6 | Use | 0.563 | 0.141 | 0.25 | 0.391 | 0.766 | 1 | 1.5632 |
| | | 10 | Use | 0.746 | 0.186 | 0.332 | 0.518 | 1.015 | 1.326 | 2.0722 |
| | | 20 | Use | 1.204 | 0.301 | 0.535 | 0.836 | 1.639 | 2.141 | 3.3448 |
| | EX | 6 | Use | 0.563 | 0.141 | 0.25 | 0.391 | 0.766 | 1 | 1.5632 |
| | | 10 | Use | 0.746 | 0.186 | 0.332 | 0.518 | 1.015 | 1.326 | 2.0722 |
| | | 20 | Use | 1.204 | 0.301 | 0.535 | 0.836 | 1.639 | 2.141 | 3.3448 |
| | CH | 6 | Use | 0.563 | 0.141 | 0.25 | 0.391 | 0.766 | 1 | 1.5632 |
| | | 10 | Use | 0.746 | 0.186 | 0.332 | 0.518 | 1.015 | 1.326 | 2.0722 |
| | | 20 | Use | 1.204 | 0.301 | 0.535 | 0.836 | 1.639 | 2.141 | 3.3448 |
| | BI | 6 | Use | 0.563 | 0.141 | 0.25 | 0.391 | 0.766 | 1 | 1.5632 |
| | | 10 | Use | 0.746 | 0.186 | 0.332 | 0.518 | 1.015 | 1.326 | 2.0722 |
| | | 20 | Use | 1.204 | 0.301 | 0.535 | 0.836 | 1.639 | 2.141 | 3.3448 |
| 6 | BZ | 6 | Use | 0.723 | 0.181 | 0.321 | 0.502 | 0.984 | 1.285 | 2.0077 |
| | | 10 | Use | 0.97 | 0.242 | 0.431 | 0.673 | 1.32 | 1.724 | 2.6937 |
| | | 20 | Use | 1.587 | 0.397 | 0.705 | 1.102 | 2.16 | 2.822 | 4.4087 |
| | BW | 6 | Use | 0.675 | 0.169 | 0.3 | 0.469 | 0.919 | 1.201 | 1.8758 |
| | | 10 | Use | 0.895 | 0.224 | 0.398 | 0.622 | 1.218 | 1.591 | 2.4866 |
| | | 20 | Use | 1.445 | 0.361 | 0.642 | 1.003 | 1.967 | 2.569 | 4.0137 |
| | CC | 6 | Use | 0.675 | 0.169 | 0.3 | 0.469 | 0.919 | 1.201 | 1.8758 |
| | | 10 | Use | 0.895 | 0.224 | 0.398 | 0.622 | 1.218 | 1.591 | 2.4866 |
| | | 20 | Use | 1.445 | 0.361 | 0.642 | 1.003 | 1.967 | 2.569 | 4.0137 |
| | EX | 6 | Use | 0.675 | 0.169 | 0.3 | 0.469 | 0.919 | 1.201 | 1.8758 |
| | | 10 | Use | 0.895 | 0.224 | 0.398 | 0.622 | 1.218 | 1.591 | 2.4866 |
| | | 20 | Use | 1.445 | 0.361 | 0.642 | 1.003 | 1.967 | 2.569 | 4.0137 |
| | CH | 6 | Use | 0.675 | 0.169 | 0.3 | 0.469 | 0.919 | 1.201 | 1.8758 |
| | | 10 | Use | 0.895 | 0.224 | 0.398 | 0.622 | 1.218 | 1.591 | 2.4866 |
| | | 20 | Use | 1.445 | 0.361 | 0.642 | 1.003 | 1.967 | 2.569 | 4.0137 |
| | BI | 6 | Use | 0.675 | 0.169 | 0.3 | 0.469 | 0.919 | 1.201 | 1.8758 |
| | | 10 | Use | 0.895 | 0.224 | 0.398 | 0.622 | 1.218 | 1.591 | 2.4866 |
| | | 20 | Use | 1.445 | 0.361 | 0.642 | 1.003 | 1.967 | 2.569 | 4.0137 |

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| **Registration number: LGRP-02419-V01.01-EN** | **Drafting rules: «PEP-PCR-ed4-EN-2021 09 06»** |
| | Supplemented by PSR-0005-ed3.1-2023 12 08 |
| **Verifier accreditation N° : VH75** | Information and reference documents : www.pep-ecopassport.org |
| Date of issue : **10-2026** | Validity period : 5 years |
| **Independent verification of the declaration and data, in compliance with ISO 14025 : 2006** | |
| **Internal :** **External : X** | |
| The PCR review was conducted by a panel of experts chaired by Julie ORGELET (DDemain) | |
| PEP are compliant with NF C08-100-1 :2016 and EN 50693 :2019 or NF E38-500 :2022<br>The elements of the present PEP cannot be compared with elements from another program | |
| Document in compliance with ISO 14025 : 2006: «Environmental labels and declarations, Type III environmental declarations» | |

Environmental data in alignment with EN 15804: 2012 + A2 : 2019