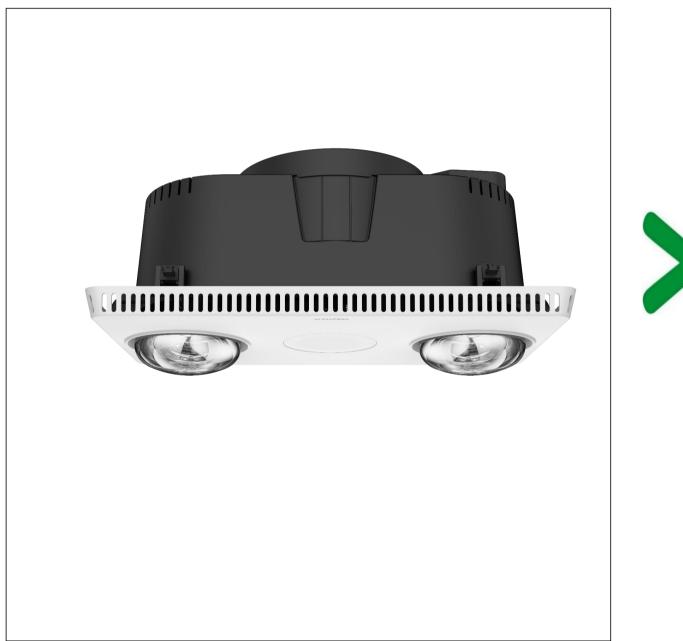
# **Product Environmental Profile**

Exxact 3 in 1 Ducted Bathroom Unit - LED Light, 2 Heat Lamps and Exhaust









#### **General information**

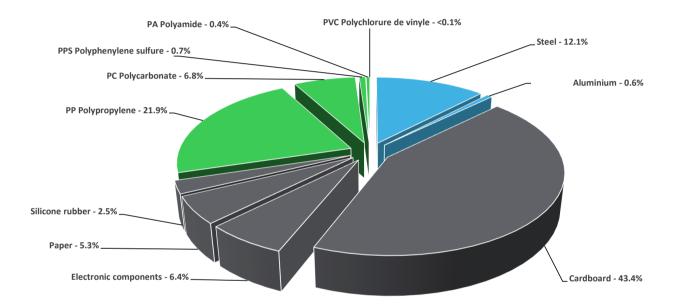
| Reference product          | Exxact 3 in 1 Ducted Bathroom Unit - LED Light, 2 Heat Lamps and Exhaust - CPL7600ATP-WE   |
|----------------------------|--|
| Description of the product | The new Fan light heating is with a high airflow to provide for exhausting lamp heating and lighting function.   |
| Functional unit            | Ensure exhausting lighting and heating functions using a fan downlight and reflector globes over a reference service life of 7 years. The function unit is accordance with the following technical data: -IP 44(only for the LED) -Operating Voltage:AC220~240Vac 50Hz -Reference standard:AS NZS 60335.1,AS NZS 60335.2.30,AS NZS 60335.2.80 -Operating Temperature:Ambient:+25°C |



#### **Constituent materials**

Reference product mass

6200 g including the product, its packaging and additional elements and accessories



Plastics 29.80% Metals 12.70% Others 57.50%



#### **Substance assessment**

Details of ROHS and REACH substances information are available on the Schneider-Electric Green Premium website https://www.se.com/ww/en/work/support/green-premium/



### (1) Additional environmental information

End Of Life

Recyclability potential:

24%

Recyclability rate has been calculated based on REEECY'LAB tool developed by Ecosystem, for components/materials not covered by the tool, data from the "ECO'DEEE recyclability and recoverability calculation method" was taken. If no data was found a conservative assumption was used (0% recyclability).

## **P** Environmental impacts

| Reference service life time      | 17 years   |  |  |   |  |  |
|----------------------------------|--|--|--|---|--|--|
| Installation elements            | Ref CPL7600ATP-WE does not require any installation operations.  |  |  |   |  |  |
| Use scenario                     | The product is combination of three functions: the first function is exhaust fan, it is in active mode 4.17% of the time with a power use of 45W, for 7 years; the second function is LED lighting, it is in active mode 4.17% of the time with a power use of 7W, for 7 years; the third function is lighting heater, it is in active mode 2.08% of the time with a power use of 550W, for 7 years. |  |  |   |  |  |
| Technological representativeness | The Modules of Technologies such as material production, manufacturing process and transport technology used in this PEP analysis (LCA-EIME in this case) are Similar and representative of the actual type of technologies used to make the product in production.  |  |  |   |  |  |
| Geographical representativeness  | Australia  |  |  |   |  |  |
|                                  | [A1 - A3]  | [A5]   | [B6]   | [C1 - C4]   |  |  |
| Energy model used                | Electricity Mix; Production mix; Low voltage; CN   | Electricity Mix; Production mix;<br>Low voltage; AUS | Electricity Mix; Production mix;<br>Low voltage; AUS | Electricity Mix; Production mix; Low voltage; AUS |  |  |

Detailed results, including all the optional indicators mentioned in PCRed4, and the split of the Use Phase (B1 to B7), are available in the LCA report and on demand in a digital format - Country Customer Care Center - http://www.schneider-electric.com/contact

| Mandatory Indicators   | Exxact 3 in 1 Ducted Bathroom Unit - LED Light, 2 Heat Lamps and Exhaust - CPL7600ATP-WE |          |               |              |              |           |             |                       |
|--|--|----------|---------------|--------------|--------------|-----------|-------------|-----------------------|
| Impact indicators  | Unit   | Total    | Manufacturing | Distribution | Installation | Use       | End of Life | Loads and<br>Benefits |
| mipaet mateurer c  |  |          | [A1 - A3]     | [A4]         | [A5]         | [B1 - B7] | [C1 - C4]   | [D]                   |
| Contribution to climate change                               | kg CO2 eq  | 8.18E+02 | 2.72E+01      | 8.11E-01     | 5.51E+00     | 7.76E+02  | 8.15E+00    | -1.05E+01             |
| Contribution to climate change-fossil                        | kg CO2 eq  | 8.17E+02 | 2.66E+01      | 8.11E-01     | 5.27E+00     | 7.76E+02  | 8.15E+00    | -1.02E+01             |
| Contribution to climate change-biogenic                      | kg CO2 eq  | 1.27E+00 | 6.50E-01      | 0*           | 2.45E-01     | 3.79E-01  | 0*          | -2.48E-01             |
| Contribution to climate change-land use and land use change  | kg CO2 eq  | 4.42E-09 | 0*            | 0*           | 4.42E-09     | 0*        | 0*          | 0.00E+00              |
| Contribution to ozone depletion                              | kg CFC-11<br>eq  | 6.43E-06 | 2.26E-06      | 1.24E-09     | 3.65E-07     | 3.77E-06  | 2.97E-08    | -8.18E-07             |
| Contribution to acidification                                | mol H+ eq  | 5.35E+00 | 2.20E-01      | 5.21E-03     | 2.19E-02     | 5.09E+00  | 9.39E-03    | -5.35E-02             |
| Contribution to eutrophication, freshwater                   | kg<br>(PO4) <sup>3-</sup> eq   | 1.95E-04 | 1.49E-04      | 3.04E-07     | 3.99E-05     | 5.49E-06  | 4.35E-07    | -7.40E-05             |
| Contribution to eutrophication marine                        | kg N eq  | 6.14E-01 | 4.00E-02      | 2.45E-03     | 5.80E-03     | 5.64E-01  | 1.90E-03    | -1.03E-02             |
| Contribution to eutrophication, terrestrial                  | mol N eq   | 6.91E+00 | 4.19E-01      | 2.69E-02     | 4.38E-02     | 6.40E+00  | 2.24E-02    | -9.25E-02             |
| Contribution to photochemical ozone formation - human health | kg COVNM<br>eq   | 2.03E+00 | 1.22E-01      | 6.79E-03     | 1.17E-02     | 1.88E+00  | 7.00E-03    | -2.65E-02             |
| Contribution to resource use, minerals and metals            | kg Sb eq   | 1.98E-03 | 1.97E-03      | 0*           | 0*           | 1.20E-05  | 0*          | -9.02E-04             |
| Contribution to resource use, fossils                        | MJ   | 1.27E+04 | 4.70E+02      | 1.13E+01     | 5.74E+01     | 1.20E+04  | 1.60E+02    | -1.35E+02             |
| Contribution to water use                                    | m3 eq  | 4.21E+01 | 7.67E+00      | 0*           | 2.36E+00     | 3.07E+01  | 1.32E+00    | -5.48E+00             |

 $\label{lem:conditional} \textit{Additional indicators for the French regulation are available as well}$ 

| Inventory flows Indicators   |         |          | Exxact 3 in 1 Ducted Bathroom Unit - LED Light, 2 Heat Lamps and Exhaust - CPL7600ATP-WE |              |              |           |             |                       |  |
|--|---------|----------|--|--------------|--------------|-----------|-------------|-----------------------|--|
| Inventory flows  | Unit    | Total    | Manufact.  | Distribution | Installation | Use       | End of Life | Loads and<br>Benefits |  |
|  |         |          | [A1 - A3]  | [A4]         | [A5]         | [B1 - B7] | [C1 - C4]   | [D]                   |  |
| Contribution to use of renewable primary energy excluding renewable primary energy used as raw material                          | MJ      | 9.17E+02 | 7.39E+00   | 0*           | 4.12E+00     | 9.06E+02  | 0*          | 3.18E+01              |  |
| Contribution to use of renewable primary energy resources used as raw material   | MJ      | 1.39E+01 | 1.39E+01   | 0*           | 0*           | 0*        | 0*          | -5.45E+01             |  |
| Contribution to total use of renewable primary energy resources  | MJ      | 9.31E+02 | 2.13E+01   | 0*           | 4.12E+00     | 9.06E+02  | 0*          | -2.27E+01             |  |
| Contribution to use of non renewable primary energy excluding non renewable primary energy used as raw material                  | MJ      | 1.26E+04 | 3.87E+02   | 1.13E+01     | 5.74E+01     | 1.20E+04  | 1.60E+02    | -1.35E+02             |  |
| Contribution to use of non renewable primary energy resources used as raw material   | MJ      | 8.24E+01 | 8.24E+01   | 0*           | 0*           | 0*        | 0*          | -3.76E-02             |  |
| Contribution to total use of non-renewable primary energy resources  | MJ      | 1.27E+04 | 4.70E+02   | 1.13E+01     | 5.74E+01     | 1.20E+04  | 1.60E+02    | -1.35E+02             |  |
| Contribution to use of secondary material  | kg      | 2.58E+00 | 2.58E+00   | 0*           | 0*           | 0*        | 0*          | 0.00E+00              |  |
| Contribution to use of renewable secondary fuels   | MJ      | 0.00E+00 | 0*   | 0*           | 0*           | 0*        | 0*          | 0.00E+00              |  |
| Contribution to use of non renewable secondary fuels   | MJ      | 0.00E+00 | 0*   | 0*           | 0*           | 0*        | 0*          | 0.00E+00              |  |
| Contribution to net use of freshwater  | m³      | 9.80E-01 | 1.79E-01   | 0*           | 5.48E-02     | 7.16E-01  | 3.08E-02    | -1.28E-01             |  |
| Contribution to hazardous waste disposed   | kg      | 1.08E+02 | 8.41E+01   | 0*           | 6.52E-02     | 1.98E+01  | 3.76E+00    | -7.14E+01             |  |
| Contribution to non hazardous waste disposed   | kg      | 1.86E+02 | 4.09E+01   | 2.84E-02     | 1.79E+01     | 1.25E+02  | 1.97E+00    | -8.22E+01             |  |
| Contribution to radioactive waste disposed   | kg      | 2.63E-02 | 1.15E-02   | 2.02E-05     | 2.41E-03     | 1.23E-02  | 8.53E-05    | -5.77E-03             |  |
| Contribution to components for reuse   | kg      | 0.00E+00 | 0*   | 0*           | 0*           | 0*        | 0*          | 0.00E+00              |  |
| Contribution to materials for recycling  | kg      | 3.80E+00 | 0*   | 0*           | 3.03E+00     | 0*        | 7.72E-01    | 0.00E+00              |  |
| Contribution to materials for energy recovery  | kg      | 0.00E+00 | 0*   | 0*           | 0*           | 0*        | 0*          | 0.00E+00              |  |
| Contribution to exported energy  | MJ      | 0.00E+00 | 0*   | 0*           | 0*           | 0*        | 0*          | 0.00E+00              |  |
| Contribution to biogenic carbon content of the product   | kg de C | 0.00E+00 | 0*   | 0*           | 0*           | 0*        | 0*          | 0.00E+00              |  |
| Contribution to biogenic carbon content of the associated packaging  * represents loss than 0.01% of the total life cycle of the | kg de C | 0.00E+00 | 0*   | 0*           | 0*           | 0*        | 0*          | 0.00E+00              |  |

<sup>\*</sup> represents less than 0.01% of the total life cycle of the reference flow

Life cycle assessment performed with EIME version v5.9.4, database version 2022-01 in compliance with ISO14044.

Detailed results, including all the optional indicators mentioned in PCRed4, and the split of the Use Phase (B1 to B7), are available in the LCA report

and on demand in a digital format - Country Customer Care Center - http://www.schneider-electric.com/contact

Please note that the values given above are only valid within the context specified and cannot be used directly to draw up the environmental assessment of an installation.

| Registration number :  | ENVPEP2402006_V1 | Drafting rules                      | PEP-PCR-ed4-2021 09 06  |  |  |  |
|--|------------------|-------------------------------------|-------------------------|--|--|--|
| Verifier accreditation N°  |                  | Supplemented by                     | No PSR                  |  |  |  |
| Date of issue  | 2024/02/27       | Information and reference documents | www.pep-ecopassport.org |  |  |  |
|  |                  | Validity period                     | 5 years                 |  |  |  |
| Independent verification of the declaration and data, in compliance with ISO 14021: 2016 |                  |                                     |                         |  |  |  |

Independent verification of the declaration and data, in compliance with ISO 14021 : 2010

nternal X External

The PCR review was conducted by a panel of experts chaired by Julie ORGELET (DDemain)

PEP are compliant with XP C08-100-1 :2016 or EN 50693:2019

The elements of the present PEP cannot be compared with elements from another program.

Document in compliance with ISO 14021: 2016 « Environmental labels and declarations. Type II environmental declarations »

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