

## Product Environmental Profile of luminaires for indoor lighting - Light Shed Linen family

Reference product: RS62



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		Supplemented by	PSR-0014-ed2.0-EN2023 07 13
Verifier accreditation number	VH04	Information and reference documents	<a href="http://www.pep-ecopassport.org">www.pep-ecopassport.org</a>
Date of issue	03-2024	Validity period	5 years

Independent verification of the declaration and data, in compliance with ISO 14025: 2006

Internal		External	x
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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 14025 : 2006 « Environmental labels and declarations. Type III environmental declarations»



## General information

### Company information:

iGuzzini illuminazione S.p.A via Mariano Guzzini, 37 62019, Recanati, Italy

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### Reference product:

“Light Shed Linen RS62”

The assessed product range covers indoor lighting luminaires from the “Light Shed Linen” family. The luminaires are used for professional lighting of indoor environments, mainly used for workplaces as well as a decorative finish for Hospitality & Retail applications.

The main technical features of the reference product RS62 are described in the table below.

Characteristics	Unit	RS62
Product code	-	RS62
Light source	-	Integrated LED module
LED module code	-	1.192.121.02
Power supply	-	OSRAM 35W
Color temperature	K	4.000
Protection index for water and dust (IP)	-	IP20/IP43
Impact resistance index (IK)	-	IK02
Nominal operating voltage	V	220-240
Assigned lifetime	Hours	50.000
Declaration lifetime of the LED module	Hours	50.000
Useful output flux	Lumen	3.496
Electrical power	W	29,2
Luminous efficiency	Lumen/W	119,7
Dimension	mm	596 x 596 x 104

#### Declared unit:

The LCA study was conducted considering the lighting fixture as the declared unit. The results of the analysis were then converted to the functional unit according to the indications provided in paragraph “Functional Unit”.

So, the declared unit is defined as “A luminaire providing an outgoing luminous flux of 3496 lumens during a reference lifetime of 5,8 years” (50000 hours).

#### Functional unit:

“Provide lighting that delivers an outgoing artificial luminous flux of 1.000 lumens during a reference lifetime of 35.000 hours”.

The reference flow is calculated as:

(1.000/outgoing luminous flux of the analyzed product in lumens) x (35.000/declared product lifetime of the analyzed product in hours):

$$(1.000/3.496) \times (35.000/50.000) = 0,200$$

#### Homogeneous environmental family:

The reference product represents the Light Shed Linen luminaires family, which differs in terms of power, and useful output flux (lumen).

The range of variations for the products in the same family is the following:

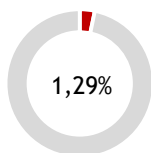
Light Shed Linen	Unit	Value for the reference product	Minimum value in product range	Maximum value in product range
Electrical power	W	29,2	23,5	30,6
Useful output flux	Lumen	3.496	2.236	3.496

The present PEP declaration is valid for all the products in the described homogenous environmental family. The spreadsheet provided as annex shall be used by the PEP user to extrapolate the impact of the other products from the Light Shed Linen family, based on the technical parameters of the considered product, as requested by the PSR.

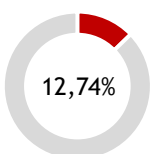


## Constituent materials

### METALS

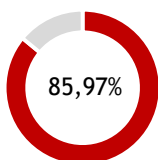


	kg	%
Steel	0,036	1,05
Brass	0,008	0,24



Polymethyl methacrylate (PMMA)	0,276	8,14
Polypropylene (PP)	0,103	3,04
Polycarbonate (PC)	0,026	0,77
Polyethylene terephthalate (PET)	0,022	0,64
Polyamide	0,004	0,12
Silicon	0,001	0,03

### OTHER MATERIALS



	kg	%
NFFP (Natural fiber and polypropylene)	0,694	20,46
Electronical components	0,339	10,00
Paper	0,023	0,69
Cardboard - Packaging	1,009	29,76
Plastic (PE) - Packaging	0,100	2,94
Wood - Packaging	0,750	22,12

<b>Total reference product</b>	<b>1,532</b>	<b>45,18</b>
<b>Total packaging</b>	<b>1,859</b>	<b>54,82</b>
<b>TOTAL</b>	<b>3,391</b>	<b>100%</b>

The list above includes also materials with a certain amount of recycled content, in order to reduce the impacts linked to the production of virgin materials. In particular:

- The housing is made of NFFP an innovative material which combines 50% polypropylene and 50% flax fiber;
- The cardboard box of packaging is made of 100% of recycled content;
- The plastic bag used for packaging is made of 100% of recycled content;
- The pallet used for shipment is reused.



## Manufacture

The product components are manufactured or assembled by iGuzzini S.p.A. in Recanati (Italy) manufacturing site. iGuzzini applies an environmental management system, certified according to ISO 14001:2015 and an energy management system certified according to ISO 50001:2018 (the certificates are available at: <https://www.iguzzini.com/it/certificazioni/>).

In 2023 iGuzzini gained the gold medal in the EcoVadis platform.

In 2022, iGuzzini disclosed its sustainability performances within the Fagerhult Group Sustainability Report. In the same year iGuzzini plant of Recanati passed to 100% green energy procurement verified and certified by GO (origin guarantee certificates).

All lighting products manufactured by iGuzzini comply with the European directive “2011/65/EU ROHS 2 - Restriction of dangerous substances in electrical and electronical equipment”.



## Distribution

There is no hub for the distribution. Products leaving the production site in Recanati (MC), Italy, are delivered directly to the final clients. The distribution of the final destinations is the following:

Destination	Share (%)	Type transport considered
Italy	36%	Local
Emirates	18%	Intracontinental
England	8%	Intercontinental
Sweden	8%	Intercontinental
Germany	7%	Intercontinental
France	6%	Intercontinental
New Zealand	5%	Intercontinental
Swiss	4%	Intercontinental
Finland	4%	Intracontinental
Poland	4%	Intercontinental



## Installation

The luminaires are provided to the client with the power supply, the fixing elements and the assembly elements, fittings and other electrical connectors needed for installation. Therefore, the installation of the luminaire does not require additional components and the product is easily installed using manual tools. In this phase the end of life (EoL) of the packaging of the final product is considered as well.



## Use

Energy efficient light sources (LED lighting) are integrated. The use phase consists of electricity use during the whole lifetime of the product. The assigned lifetime of the luminaire is 50,000 hours, as decided by the manufacturer.

RS62	Type of buildings	Annual operating hours (h)	Operational Lifetime (years)
Operational lifetime of 50.000 hours	Offices	2.500	20
	Education	2.000	20
	Hospitals	5.000	10
	Hotels	5.000	10
	Restaurants	2.500	20
	Retail	5.000	10



## End of life

The company is affiliated with a WEEE (Waste Electrical and Electronic Equipment) Italian consortium (Ecolight, <https://ecolight.it/>). The product at its end of life is managed as prescribed by the current legislation about EEE waste (Directive 2012/19/EU) and the waste treatment scenarios of the Countries in which the product is distributed. According to the most recent data available, waste treatment scenarios are the following:

Scenario	Recycling	Energy recovery	Incineration	Landfill
Italy	95%	2%	0%	3%
Emirates	6%	-	-	94%
England	59%	-	-	41%
Sweden	59%	-	-	41%
Germany	54%	-	-	46%
France	41%	15%	0%	44%
New Zealand	9%	-	-	91%
Switzerland	34%	-	-	66%
Finland	59%	-	-	41%
Poland	23%	-	-	77%

The end of life scenarios are made with the following assumptions:

- In Italian scenario the transport to the end of life is assumed to be 100 km and the treatment of waste is based on Ecolight statistics;
- In French scenario the transport to the end of life is assumed to be 1000 km and the treatment of waste is based on PSR statistics;
- In other European and not-Europeans scenarios the transport to the end of life is assumed to be 1000 km and the treatment of waste is based on Global E-Waste Monitor report;



## Environmental impacts

The evaluation of environmental impacts examines the manufacturing, distribution, installation, use and end-of-life stages of the Reference Product life cycle.

The environmental impacts assessment of the reference product has been performed using SimaPro 9.4.0.2 software. Background datasets have been retrieved from Ecoinvent 3.8 libraries. The impact indicators and impact models used are the ones indicated by the PCR-ed4-EN-2021 09 06. This environmental declaration has been developed considering an outgoing artificial luminous flux of 1,000 lumens over a reference lifetime of 35,000 hours (Functional Unit).

**Results of mandatory indicators per F.U. (for 1.000 lumens during 35.000 hours) of RS62 luminaire, reported for life cycle stages:**

Impact category	Unit	Total	Manufacturing	Distribution	Installation	Use	EoL	Module D
Climate change	kg CO <sub>2</sub> eq	1,17E+02	1,74E+00	1,38E+00	3,01E-02	1,13E+02	6,58E-01	-1,91E-01
Ozone depletion	kg CFC-11 eq	9,19E-06	2,60E-07	3,15E-07	1,04E-10	8,61E-06	4,96E-09	-2,85E-10
Photochemical ozone formation	kg NMVOC eq	2,19E-01	8,87E-03	7,32E-03	1,90E-05	2,03E-01	1,73E-04	-1,45E-03
Acidification	mol H <sup>+</sup> eq	4,42E-01	2,00E-02	7,06E-03	1,26E-05	4,14E-01	1,48E-04	-7,71E-03
Eutrophication, freshwater	kg P eq	4,88E-02	8,42E-04	2,33E-05	2,27E-07	4,79E-02	7,18E-06	-4,76E-04
Eutrophication, marine	kg N eq	7,92E-02	3,67E-03	2,56E-03	1,78E-05	7,27E-02	1,94E-04	-1,57E-04
Eutrophication, terrestrial	mol N eq	7,92E-01	3,26E-02	2,80E-02	4,86E-05	7,30E-01	5,80E-04	-4,50E-03
Water requirement	m <sup>3</sup> depriv.	3,72E+01	1,19E+00	1,69E-02	8,22E-04	3,60E+01	6,79E-03	-1,03E-01
Abiotic resource depletion, fossils	MJ	2,16E+03	3,68E+01	1,95E+01	3,85E-02	2,11E+03	3,57E-01	-4,69E+00
Abiotic resource depletion, m. and m.	kg Sb eq	1,30E-03	2,57E-04	7,09E-07	7,75E-09	1,04E-03	6,11E-08	-1,70E-04
Climate change - Fossil	kg CO <sub>2</sub> eq	1,12E+02	2,22E+00	1,38E+00	1,17E-02	1,08E+02	9,74E-02	-1,31E-01
Climate change - Biogenic	kg CO <sub>2</sub> eq	4,84E+00	-4,96E-01	4,76E-04	1,78E-02	4,76E+00	5,60E-01	-6,17E-02
Climate change - Land use and LU change	kg CO <sub>2</sub> eq	1,48E-01	1,01E-02	1,17E-04	1,27E-06	1,38E-01	1,01E-05	2,63E-05

**Results of mandatory indicators per unit of product (declared unit, 3.496 lumens during 50.000 hours) of RS62 luminaire, reported for life cycle stages:**

Impact category	Unit	Total	Manufacturing	Distribution	Installation	Use	EoL	Module D
Climate change	kg CO <sub>2</sub> eq	5,85E+02	8,70E+00	6,91E+00	1,50E-01	5,66E+02	3,29E+00	-9,55E-01
Ozone depletion	kg CFC-11 eq	4,59E-05	1,30E-06	1,57E-06	5,22E-10	4,30E-05	2,48E-08	-1,43E-09
Photochemical ozone formation	kg NMVOC eq	1,10E+00	4,44E-02	3,66E-02	9,52E-05	1,01E+00	8,67E-04	-7,25E-03
Acidification	mol H <sup>+</sup> eq	2,21E+00	1,00E-01	3,53E-02	6,31E-05	2,07E+00	7,39E-04	-3,86E-02
Eutrophication, freshwater	kg P eq	2,44E-01	4,21E-03	1,17E-04	1,13E-06	2,40E-01	3,59E-05	-2,38E-03
Eutrophication, marine	kg N eq	3,96E-01	1,84E-02	1,28E-02	8,90E-05	3,64E-01	9,72E-04	-7,85E-04
Eutrophication, terrestrial	mol N eq	3,96E+00	1,63E-01	1,40E-01	2,43E-04	3,65E+00	2,90E-03	-2,25E-02
Water requirement	m <sup>3</sup> depriv.	1,86E+02	5,96E+00	8,45E-02	4,11E-03	1,80E+02	3,39E-02	-5,15E-01
Abiotic resource depletion, fossils	MJ	1,08E+04	1,84E+02	9,74E+01	1,92E-01	1,05E+04	1,78E+00	-2,35E+01
Abiotic resource depletion, m. and m.	kg Sb eq	6,49E-03	1,29E-03	3,55E-06	3,88E-08	5,20E-03	3,05E-07	-8,50E-04
Climate change - Fossil	kg CO <sub>2</sub> eq	5,60E+02	1,11E+01	6,91E+00	5,85E-02	5,41E+02	4,87E-01	-6,54E-01
Climate change - Biogenic	kg CO <sub>2</sub> eq	2,42E+01	-2,48E+00	2,38E-03	8,91E-02	2,38E+01	2,80E+00	-3,09E-01
Climate change - Land use and LU change	kg CO <sub>2</sub> eq	7,41E-01	5,05E-02	5,83E-04	6,35E-06	6,90E-01	5,05E-05	1,32E-04

Results of mandatory indicators per F.U. (for 1.000 lumens during 35.000 hours) of RS62 luminaire, reported for life cycle modules:

			Manufacturing			Distribution	Installation	Use	EoL		Module D
Impact category	Unit	Total	A1	A2	A3	A4	A5	B6	C2	C4	D
Climate change	kg CO <sub>2</sub> eq	1,17E+02	1,24E+00	2,66E-01	2,36E-01	1,38E+00	3,00E-02	1,13E+02	1,89E-02	6,38E-01	-1,91E-01
Ozone depletion	kg CFC-11 eq	9,19E-06	1,79E-07	6,04E-08	2,14E-08	3,14E-07	1,04E-10	8,60E-06	4,46E-09	5,08E-10	-2,85E-10
Photochemical ozone formation	kg NMVOC eq	2,19E-01	7,10E-03	1,48E-03	2,92E-04	7,32E-03	1,90E-05	2,02E-01	1,07E-04	6,62E-05	-1,45E-03
Acidification	mol H <sup>+</sup> eq	4,42E-01	1,82E-02	1,50E-03	3,58E-04	7,06E-03	1,26E-05	4,14E-01	9,60E-05	5,18E-05	-7,71E-03
Eutrophication, freshwater	kg P eq	4,88E-02	8,20E-04	4,48E-06	1,74E-05	2,34E-05	2,26E-07	4,80E-02	1,25E-06	5,92E-06	-4,76E-04
Eutrophication, marine	kg N eq	7,92E-02	3,06E-03	5,18E-04	8,86E-05	2,56E-03	1,78E-05	7,28E-02	3,28E-05	1,62E-04	-1,57E-04
Eutrophication, terrestrial	mol N eq	7,92E-01	2,62E-02	5,68E-03	6,84E-04	2,80E-02	4,86E-05	7,30E-01	3,58E-04	2,22E-04	-4,50E-03
Water requirement	m <sup>3</sup> depriv.	3,72E+01	9,22E-01	3,24E-03	2,66E-01	1,69E-02	8,22E-04	3,60E+01	1,05E-03	5,74E-03	-1,03E-01
Abiotic resource depletion, fossils	MJ	2,16E+03	3,02E+01	3,74E+00	2,92E+00	1,95E+01	3,84E-02	2,10E+03	2,94E-01	6,24E-02	-4,69E+00
Abiotic resource depletion, minerals and metals	kg Sb eq	1,30E-03	2,56E-04	1,46E-07	1,48E-06	7,10E-07	7,76E-09	1,04E-03	4,36E-08	1,75E-08	-1,70E-04
Climate change - Fossil	kg CO <sub>2</sub> eq	1,12E+02	1,74E+00	2,66E-01	2,16E-01	1,38E+00	1,17E-02	1,08E+02	1,89E-02	7,84E-02	-1,31E-01
Climate change - Biogenic	kg CO <sub>2</sub> eq	4,84E+00	-5,14E-01	9,04E-05	1,84E-02	4,76E-04	1,78E-02	4,76E+00	1,68E-05	5,60E-01	-6,17E-02
Climate change - Land use and LU change	kg CO <sub>2</sub> eq	1,48E-01	1,00E-02	2,68E-05	4,68E-05	1,17E-04	1,27E-06	1,38E-01	6,94E-06	3,18E-06	2,63E-05



Results of mandatory indicators per unit of product (declared unit, 3.496 lumens during 50.000 hours) of RS62 luminaire, reported for life cycle modules:

			Manufacturing			Distribution	Installation	Use	EoL		Module D
Impact category	Unit	Total	A1	A2	A3	A4	A5	B6	C2	C4	D
Climate change	kg CO <sub>2</sub> eq	5,85E+02	6,19E+00	1,33E+00	1,18E+00	6,91E+00	1,50E-01	5,66E+02	9,45E-02	3,19E+00	-9,55E-01
Ozone depletion	kg CFC-11 eq	4,59E-05	8,93E-07	3,02E-07	1,07E-07	1,57E-06	5,22E-10	4,30E-05	2,23E-08	2,54E-09	-1,43E-09
Photochemical ozone formation	kg NMVOC eq	1,10E+00	3,55E-02	7,41E-03	1,46E-03	3,66E-02	9,52E-05	1,01E+00	5,35E-04	3,31E-04	-7,25E-03
Acidification	mol H <sup>+</sup> eq	2,21E+00	9,09E-02	7,52E-03	1,79E-03	3,53E-02	6,31E-05	2,07E+00	4,80E-04	2,59E-04	-3,86E-02
Eutrophication, freshwater	kg P eq	2,44E-01	4,10E-03	2,24E-05	8,70E-05	1,17E-04	1,13E-06	2,40E-01	6,26E-06	2,96E-05	-2,38E-03
Eutrophication, marine	kg N eq	3,96E-01	1,53E-02	2,59E-03	4,43E-04	1,28E-02	8,90E-05	3,64E-01	1,64E-04	8,09E-04	-7,85E-04
Eutrophication, terrestrial	mol N eq	3,96E+00	1,31E-01	2,84E-02	3,42E-03	1,40E-01	2,43E-04	3,65E+00	1,79E-03	1,11E-03	-2,25E-02
Water requirement	m <sup>3</sup> depriv.	1,86E+02	4,61E+00	1,62E-02	1,33E+00	8,45E-02	4,11E-03	1,80E+02	5,27E-03	2,87E-02	-5,15E-01
Abiotic resource depletion, fossils	MJ	1,08E+04	1,51E+02	1,87E+01	1,46E+01	9,74E+01	1,92E-01	1,05E+04	1,47E+00	3,12E-01	-2,35E+01
Abiotic resource depletion, minerals and metals	kg Sb eq	6,49E-03	1,28E-03	7,31E-07	7,38E-06	3,55E-06	3,88E-08	5,20E-03	2,18E-07	8,76E-08	-8,50E-04
Climate change - Fossil	kg CO <sub>2</sub> eq	5,60E+02	8,70E+00	1,33E+00	1,08E+00	6,91E+00	5,85E-02	5,41E+02	9,44E-02	3,92E-01	-6,54E-01
Climate change - Biogenic	kg CO <sub>2</sub> eq	2,42E+01	-2,57E+00	4,52E-04	9,19E-02	2,38E-03	8,91E-02	2,38E+01	8,39E-05	2,80E+00	-3,09E-01
Climate change - Land use and LU change	kg CO <sub>2</sub> eq	7,41E-01	5,02E-02	1,34E-04	2,34E-04	5,83E-04	6,35E-06	6,90E-01	3,47E-05	1,59E-05	1,32E-04

**Results of mandatory indicators per unit of product (RS62 luminaire) - Detail of the use phase with the decomposition of module B (B1-B7) according to EN 15978 and EN 15804:**

Impact category	Unit	Total	B1	B2	B3	B4	B5	B6	B7
Climate change	kg CO <sub>2</sub> eq	5,66E+02	-	-	-	-	-	5,66E+02	-
Ozone depletion	kg CFC-11 eq	4,30E-05	-	-	-	-	-	4,30E-05	-
Photochemical ozone formation	kg NMVOC eq	1,01E+00	-	-	-	-	-	1,01E+00	-
Acidification	mol H <sup>+</sup> eq	2,07E+00	-	-	-	-	-	2,07E+00	-
Eutrophication, freshwater	kg P eq	2,40E-01	-	-	-	-	-	2,40E-01	-
Eutrophication, marine	kg N eq	3,64E-01	-	-	-	-	-	3,64E-01	-
Eutrophication, terrestrial	mol N eq	3,65E+00	-	-	-	-	-	3,65E+00	-
Water requirement	m <sup>3</sup> depriv.	1,80E+02	-	-	-	-	-	1,80E+02	-
Abiotic resource depletion, fossils	MJ	1,05E+04	-	-	-	-	-	1,05E+04	-
Abiotic resource depletion, minerals and metals	kg Sb eq	5,20E-03	-	-	-	-	-	5,20E-03	-
Climate change - Fossil	kg CO <sub>2</sub> eq	5,41E+02	-	-	-	-	-	5,41E+02	-
Climate change - Biogenic	kg CO <sub>2</sub> eq	2,38E+01	-	-	-	-	-	2,38E+01	-
Climate change - Land use and LU change	kg CO <sub>2</sub> eq	6,90E-01	-	-	-	-	-	6,90E-01	-

Within the determination of the impacts of the manufacturing, installation, use and end of life the choice of the dataset relating to electricity consumption fell on low voltage energy (230 V) for all the geographical areas considered in the study. Furthermore, energy mixes were used for each country.

**Results of mandatory inventory flow indicators per F.U. (for 1.000 lumens during 35.000 hours), and declared unit :**

Indicators	Unit	F.U.	D.U.
Renewable primary energy (without raw material)	MJ	4,92E+02	2,46E+03
Renewable primary energy (raw material)	MJ	8,51E+00	4,25E+01
Total use of renewable primary energy	MJ	5,01E+02	2,50E+03
Non renewable primary energy (without raw material)	MJ	2,25E+03	1,13E+04
Non renewable primary energy (raw material)	MJ	3,24E+01	1,62E+02
Total use of non-renewable primary energy	MJ	2,28E+03	1,14E+04
Use of secondary materials	kg	2,16E-01	1,08E+00
Use of renewable secondary fuels	MJ	-	-
Use of non-renewable secondary fuels	MJ	2,26E+00	1,13E+01
Net use of fresh water	m <sup>3</sup>	4,00E-05	2,00E-04
Hazardous waste disposed	kg	2,12E-03	1,06E-02
Non-hazardous waste disposed	kg	5,15E-02	2,57E-01
Radioactive waste disposed	kg	-	-
Components for reuse	kg	1,50E-01	7,50E-01
Materials for recycling	kg	9,70E-02	4,85E-01
Materials for energy recovery	kg	2,09E-03	1,04E-02
Exported energy	MJ	-	-
Biogenic carbon content of the product	kg	6,94E-02	3,47E-01
Biogenic carbon content of the associated packaging	kg	2,02E-01	1,01E+00



## Extrapolation rules

Extrapolations rules have been calculated following PCR-ed4-EN-2021 09 06 PSR-0014-ed2.0-EN2023 07 13. The defined rules shall be applied using the Extrapolation rules file provided in the following tables.

Parameter	Value for reference product (RS62)
Lighting output [lumens]	3,496
Weight of light source [kg]	0,0011
Weight of luminaire structure [kg]	1,386
Weight of control gear [kg]	0,145
Weight of light management system [kg]	-
Weight of product including its light source (no packaging) [kg]	1,532
Weight of product including its packaging [kg]	3,386
Power [W]	29,2

The extrapolation coefficients calculation at the functional unit level shall be taken into account with the following formula:

$$\text{Extrapolation coefficient at the product level} \times \frac{\text{Lighting output of reference product (lumen)}}{\text{Lighting output of concerned product (lumens)}}$$

### Extrapolation coefficients

The reported extrapolation coefficients are intended at product level (declared unit) and not at functional unit.

Product code	Manufacturing	Distribution	Installation	Use	EoL	Module D
RS57	1,00	1,00	1,00	0,80	1,00	1,00
RS58	1,00	1,00	1,00	0,80	1,00	1,00
RS59	1,00	1,00	1,00	0,80	1,00	1,00
RS60	1,00	1,00	1,00	0,80	1,00	1,00
RS61	1,02	1,02	1,00	0,85	1,04	1,02
<b>RS62</b>	1,00	1,00	1,00	1,00	1,00	1,00
RS63	1,00	1,00	1,00	1,00	1,00	1,00
RS64	1,00	1,00	1,00	1,00	1,00	1,00
RS65	1,00	1,00	1,00	1,00	1,00	1,00
RS66	1,02	1,02	1,00	1,05	1,04	1,02

The following table reports the information of the products included in the homogeneous environmental family.

Product code	System power (Watt)	Total weight (kg)	Luminaries weight (kg)	Structure weight (kg)	Control Gear (kg)	Lighting Source weight (kg)	Packaging (and packing) weight (kg)
RS57	23,5	3,39	1,532	1,386	0,145	0,0011	1,854
RS58	23,5	3,39	1,532	1,386	0,145	0,0011	1,854
RS59	23,5	3,39	1,532	1,386	0,145	0,0011	1,854
RS60	23,5	3,39	1,532	1,386	0,145	0,0011	1,854
RS61	24,9	3,44	1,586	1,391	0,193	0,0022	1,854
<b>RS62</b>	29,2	3,386	1,532	1,386	0,145	0,0011	1,854
RS63	29,2	3,39	1,532	1,386	0,145	0,0011	1,854
RS64	29,2	3,39	1,532	1,386	0,145	0,0011	1,854
RS65	29,2	3,39	1,532	1,386	0,145	0,0011	1,854
RS66	30,6	3,44	1,586	1,391	0,193	0,0022	1,854