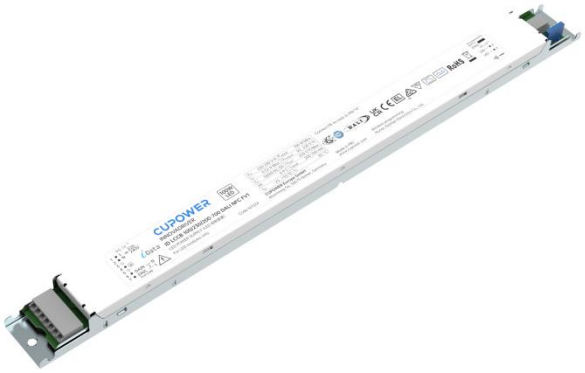
Product Environmental Profile of LED POWER SUPPLY

Reference product: ID LCCB 100/230/200-700 DALI NFC FV1



Registration number		CUPO-00001-V01.01-EN		Drafting rules	PCR-ed4-EN-2021 09 06
				Supplemented by	No applicable PSR
Verifier accreditation number		VH31		Information and reference documents	www.pep-ecopassport.org
Date of issue		09-2025		Validity period	5 years
Independent verification of the declaration and data, in compliance with ISO 14025: 2006					
Internal		External	√		
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)					
PEPs are compliant with XP C08-100-1:2016 and EN 50693:2019 or NF E38-500:2022 The components of the present PEP cannot be compared with elements from another program.					
Document complies with ISO 14025:2006 “Environmental labels and declarations. Type III environmental declarations”					

1 General information

1.1 Company information

Design and development of intelligent power supplies and home automation control systems; Sales of lighting appliances, LED drivers, panel lights, and electronic components; Electronic product manufacturing, processing, and sales; Software development; Import of goods. (Business activities can only be carried out after approval by relevant departments for projects that require approval by law.)

1.2 Product information

The name of the product under study is “LED POWER SUPPLY”.
LED POWER SUPPLY is mainly used for lighting LED fixtures, with an ultra-wide operating window and a height of 16 mm, greatly expanding the compatibility of products. It has DALI-2 dimming and PUSH dimming functions, and smooth, flicker-free dimming with dimming range 1-100% (amplitude dimming). The ultra-low standby power consumption is <0.3W, and it supports DC input. In the DC emergency condition, the output automatically reduces to 15% output power. The NFC function supports the setting of output current, CLO, DALI address allocation, minimum dimming limit, and DC emergency current percentage. Data management is implemented according to DALI Part 251, 252, and 253 (Memory bank 1 extension-luminaire data, energy reporting, Diagnostics and Maintenance). Through high-temperature and high-humidity reliability testing, the average rated lifetime is 50,000 hours. The LED driver complies with the basic requirements of applicable EU regulations and product safety regulations and is certified by independent testing agencies such as CE/ENEC/RCM/EL. The product comes with CE/ENEC/RCM/EL certification logo.

The LED POWER SUPPLY is in conformity with the applicable European Directives and Regulations, inter alia:
-EN 61347-1
-EN 61347-2-13
-EN IEC 60598-1
-EN IEC 55015
-EN IEC 61547
-EN IEC 61000-3-2
-EN 61000-3-3
-EN 301 489-1 V2.2.3
-EN 301 489-3 V2.1.1
-EN 301 489-3 V2.3.2
-EN 301 489-17 V3.2.4
-EN 300 330 V2.1.1
-EN 62479
-EN 50663

-EN 300 328V2.2.2
-EN 62493
-EN 18031
-Regulation (EC) No 1907/2006 of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH）
-Directive 2011/65/EU of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment
-Directive 2012/19/EU of 4 July 2012 on waste of electric and electronic equipment (WEEE)

Further technical information can be obtained by contacting on the website https://www.cupower.com.

The evaluated product family includes a range of different product characteristics. These have all the characteristics described for this product, meaning it belongs to a homogeneous environmental family. Since the driver is part of the luminaire, reference is made to PSR-0014-ed2-EN-2023 07 13.
The evaluated product family can be divided into switchable and dimmable series. The categorization is based on the presence or absence of energy saving functions.According to PSR-0014-ed2-EN-2023 07 13, the energy saving coefficients of dimmable series are equal to 0.5 and the energy saving coefficients of the switchable series are equal to 1.
The reference product is the ID LCCB 100/230/200-700 DALI NFC FV1 and the most important information is summarized in the table 1.
Table 1: Key technological data

Information	Unit	Value
Expected service life time	Hours	50000
Output power	W	100
Efficiency	%	93
Dimension	mm	360x30x16

1.3 Declared unit

The declared unit of LED POWER SUPPLY is defined as a control gear providing its maximum power of 107.53 W to a light source during its assigned lifetime of 50,000 hours.

The reference flow is the amounts of products needed to provide the defined function. All other input and output flows in the analysis quantitatively relate to it. The reference flow of LED POWER SUPPLY corresponding to the functional unit shall be taken account the value of the input power as well as the reference lifetime of the LED POWER SUPPLY.
According to Datasheet, the input power of the LED POWER SUPPLY is (44/0.89) W and the assigned lifetime of the LED POWER SUPPLY is 50,000 Hours. Therefore, the reference flows of an LED power supply is one 44 W LED power supply (model: ID LCCB

100/230/200-700 DALI NFC FV1, net weight: 222.40g) providing rated output for a reference service life of 50,000 hours (total delivered output = (100/0.93) W × 50,000 h). The reference flows comprise the product unit and its manufacturing scrap, all packaging, transport to installer, installation materials/wastes, expected maintenance/spare parts over the 50,000 h, and end-of-life collection and treatment.

1.4 Homogeneous environmental family

The present PEP declaration is valid for all the products in the described homogenous environmental family. In this study, the extrapolation rules of each stage of the life cycle at the product level (or declared unit) was referenced according to PSR-0014-ed2-EN-2023 07 13. When the extrapolation rule for the life cycle stage is based on a combination of multiple coefficients, the weighted average of the calculated coefficient set is used. The weight factor for each considered component is equal to the weight of that component for the relevant product divided by the total weight of all considered components for the relevant product.

For the manufacturing stage, the extrapolation rule to be developed from collection data at the product level (or declared unit) for any other led power supply in the same product range is:

Rule applicable to the production of the packaging:

$$\frac{Packaging\ weight\ of\ concerned\ product\ (kg)}{Packaging\ weight\ of\ reference\ product\ (kg)}$$

Rule applicable to the production of the control gear:

$$\frac{Weight\ \ of\ concerned\ product\ (kg)}{Weight\ of\ reference\ product\ (kg)}$$

For the distribution stage, the extrapolation rule to be developed from collection data at the product level (or declared unit) for any other led power supply in the same product range is:

$$\frac{Weight\ of\ concerned\ product\ +\ Packaging\ weight\ of\ concerned\ product\ (kg)}{Weight\ of\ reference\ product\ +\ Packaging\ weight\ of\ reference\ product\ (kg)}$$

For the installation stage, the extrapolation rule to be developed from collection data at the product level (or declared unit) for any other led power supply in the same product range is:

$$\frac{Packaging\ weight\ of\ concerned\ product\ (kg)}{Packaging\ weight\ of\ reference\ product\ (kg)}$$

For the use stage stage, the extrapolation rule to be developed from collection data at

the product level (or declared unit) for any other led power supply in the same product range is:

Rule applicable to the electricity consumption:

$$\frac{Power\ of\ concerned\ product\ (W)}{Power\ of\ reference\ product\ (W)} \times \frac{Energy\ saving\ coefficient\ of\ concerned\ product}{Energy\ saving\ coefficient\ of\ reference\ product}$$

For the end-of-life stage stage, the extrapolation rule to be developed from collection data at the product level (or declared unit) for any other led power supply in the same product range is:

$$\frac{Weight\ of\ concerned\ product\ (kg)}{Weight\ of\ reference\ product\ (kg)}$$

For the net benefits beyond the system boundaries stage, the extrapolation rule to be developed from collection data at the product level (or declared unit) for any other led power supply in the same product range is:

Rule applicable to the net benefits of of the packaging:

$$\frac{Packaging\ weight\ of\ concerned\ product\ (kg)}{Packaging\ weight\ of\ reference\ product\ (kg)}$$

Rule applicable to the net benefits of the control gear:

$$\frac{Weight\ \ of\ concerned\ product\ (kg)}{Weight\ of\ reference\ product\ (kg)}$$

Table 3: The range of variations for the products in the same family

Parameter	**Value for the reference product**	**Minimum value in product range**	**Maximum value in product range**
Output Power (W)	100	8	300
Efficiency (%)	93	85	95
Energy saving coefficient	0.5	0.5	1
Weight of product (g)	222.40	8.25	528.80
Weight of packaging (g)	29.81	8.22	68.69

2 Constituent materials

2.1 Overview

Table 4: Product composition

Information	Weight [in kg]	Share [in %]
Product	0.222	88.10
Packaging	0.030	11.90

2.2 Product

Table 5: Material composition – Product

Information	Weight [in kg]	Share [in %]
Metals	0.096	43.18
Plastics	0.010	4.45
Others	0.116	52.37

2.3 Packaging

Table 6: Material composition – Packaging

Information	Weight [in kg]	Share [in %]
Paper/board	0.009	31.29
Wood	0.020	67.68
Plastics	0.0003	1.03

3 Information on life cycle stages

3.1 Manufacturing

The manufacturer sources all parts from international suppliers. The manufacturer in China produced Printed Circuit Board Assembly through surface mounting and hole-through mounting process from the Printed Circuit Board using energy and auxiliaries. Then the product was assembled and tested using energy. Afterwards the product is packed in packaging materials and distributed to the client.

3.2 Distribution

The main market of the product is Europe and there is no specific data are available. For this reason, an Intercontinental transport from China to the arrival of the product at the place of use following PSR-0014-ed2-EN-2023 07 13 is considered in the model:
Ship: 19,000 km
Lorry: 1,000 km

3.3 Installation

During installation, the product test takes no more than 24 hours, which is much less than the requirement of 50000h*5%=2500h, and the cut-off criteria was applied according to PCR-ed4-EN-2021 09 06.
There is no material input is required to installation. The product is unpacked and the packaging materials are sent for recycling in Europe. The transport of packaging materials following PSR-0014-ed2-EN-2023 07 13:
Lorry: 100 km

3.4 Use stage

The product has no direct emissions and no maintenance is required. Furthermore, no standard repairs or refurbishments are foreseen. The use of the product does consume electricity, but no water.
The market of the product is Europe, and the distribution ratio of country/region is the show in table 7.
Table 7: The distribution ratio energy model of country/region

Country/Region	Share (%)	Energy model
Germany	38.23	Electricity, low voltage {DE}| market for electricity, low voltage | Cut-off, S
Poland	0.73	Electricity, low voltage {PL}| market for electricity, low voltage | Cut-off, S
Spain	0.99	Electricity, low voltage {ES}| market for electricity, low voltage | Cut-off, S

Netherland	1.69	Electricity, low voltage {NL}| market for electricity, low voltage | Cut-off, S
Austria	19.76	Electricity, low voltage {AT}| market for electricity, low voltage | Cut-off, S
Other countries in EU	0.04	Electricity, low voltage {RER}| market group for | Cut-off, S
Canada	3.39	Electricity, low voltage {CA}| market group for electricity, low voltage | Cut-off, S
Czech Republic	1.73	Electricity, low voltage {AU}| market for electricity, low voltage | Cut-off, S
United States	6.14	Electricity, low voltage {US}| market group for electricity, low voltage | Cut-off, S
Turkey	5.18	Electricity, low voltage {TR}| market for electricity, low voltage | Cut-off, S
Italy	0.55	Electricity, low voltage {IT}| market for electricity, low voltage | Cut-off, S
India	1.92	Electricity, low voltage {IN}| market group for electricity, low voltage | Cut-off, S
United Kingdom	2.63	Electricity, low voltage {GB}| market for electricity, low voltage | Cut-off, S
China	16.94	Electricity, low voltage {CN}| market group for electricity, low voltage | Cut-off, S
Australia	0.08	Electricity, low voltage {AU}| market for electricity, low voltage | Cut-off, S

3.5 End of life

There is no specific data are available to calculate the shipment of product from the installation site to the approved treatment centers. The default distance is 1000 km by lorry was used according to PSR-0014-ed2-EN-2023 07 13. There is no energy LCI dataset was used in this stage, the process of deinstallation used the LCI dataset of mechanical treatment of used industrial electronic device.
The product and its PCB falls under the Waste from Electrical and Electronic Equipment (WEEE) directive 2012/19/EU. The valuable fractions (Aluminium, Steel and Plastics, etc.) are recycling within the default recycling recovering rate established in EN 50693. The remaining parts, based on mass balance, are sent to sanitary landfill.

3.6 Benefits and loads beyond the system boundaries

The recycling of the product (incl. packaging) and incineration with energy recovery generates environmental benefits by avoiding the production of primary materials or energy. The scope of the Module D is With Net Benefits and the net benefits and loads beyond the system boundaries are calculated using the formulas described in

PEP-PCR–ed4- EN-2021 09 06. The amount and type of material flows used for the calculation of benefits are listed in Table 8.

Table 8: Material flows for reuse, recycling and/or recovery per unit of product

Information	Unit	Value
Total weight of product going into reuse	kg	0.000
Total weight of product going into recycling	kg	0.082
Share of metals	%	94.52
Share of plastics	%	0.00
Share of others	%	5.48
Total weight of product going into incineration with energy recovery	kg	0.005
Share of metals	%	0.00
Share of plastics	%	100.00
Share of others	%	0.00
Total weight of packaging going into reuse	kg	0.020
Total weight of packaging going into recycling	kg	0.008
Share of Paper/board	%	98.38
Share of Plastics	%	1.62
Total weight of packaging going into incineration with energy recovery	kg	0.001
Share of Paper/board	%	88.09
Share of Plastics	%	11.91

4 Environmental impacts

4.1 Introduction

The primary data collected were representative of a current scenario in terms of geographical coverage and technological, which coverage averaged one year. The environmental information included in this study cover all the stages of the life cycle ("cradle to grave"). The life cycle be divided into manufacturing stage (A1-A3), distribution stage (A4), installation stage (A5), use stage (B1-B7, the value of B1-B7 except B6 are 0 and not reflected in the table 9 and table 11), End-of-life stage (C1-C4) and benefits and loads beyond the system boundaries stage (D). The results refer to the core environmental impact indicators and mandatory indicators describing resource use, waste categories, and output flows according to PEP-PCR–ed4-EN-2021 09 06.

The environmental impacts assessment of the reference product has been performed using Simapro 9.5 software. Background datasets have been retrieved from Ecoinvent 3.11. The results refer to the core environmental impact indicators and mandatory indicators describing resource use, waste categories, and output flows according to PEP-PCR–ed4- EN-2021 09 06.

4.2 Results per unit of product

The following results of the environmental declaration have been developed by considering one product.

Table 11: Results core environmental impact indicators per unit of product

Impact category	**Unit**	**Total**	**Manufacturing**			**Distribution**	**Installation**	**Use**	**End of life**				**Benefits and loads beyond the system boundaries stage**
			A1	**A2**	**A3**	**A4**	**A5**	**B6**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	kg CO_2 eq	1.38E+03	6.12E+00	2.39E-02	5.63E-01	7.68E-02	3.21E-03	1.38E+03	7.00E-02	2.33E-02	1.53E-01	1.00E-01	-1.64E+00
ODP	kg CFC11 eq	1.45E-05	2.01E-07	3.25E-10	1.69E-09	1.09E-09	1.58E-11	1.43E-05	1.05E-10	5.12E-10	2.33E-09	3.88E-11	-8.18E-08

POCP	kg NMVOC eq	3.33E+00	3.84E-02	1.37E-04	2.00E-03	1.25E-03	8.08E-06	3.29E+00	5.94E-05	1.46E-04	6.19E-04	4.33E-05	-6.96E-03
AP	mol H+ eq	5.99E+00	5.45E-02	1.01E-04	3.45E-03	1.56E-03	5.38E-06	5.92E+00	7.81E-05	9.50E-05	1.79E-03	1.84E-05	-1.32E-02
EP-freshwater	kg P eq	1.20E+00	4.74E-03	2.61E-06	1.17E-04	4.73E-06	1.42E-07	1.20E+00	5.96E-06	1.65E-06	1.63E-04	9.79E-06	-2.34E-03
EP-marine	kg N eq	1.26E+00	7.46E-03	3.61E-05	7.03E-04	4.00E-04	2.88E-06	1.25E+00	2.27E-05	3.55E-05	1.94E-04	1.24E-04	-2.31E-03
EP-terrestrial	mol N eq	1.16E+01	7.81E-02	3.93E-04	7.53E-03	4.44E-03	2.11E-05	1.15E+01	2.16E-04	3.87E-04	1.94E-03	5.52E-05	-2.45E-02
WDP	m3 depriv.	1.96E+02	1.53E+00	1.54E-03	7.45E-02	3.44E-03	-1.07E-04	1.95E+02	2.57E-03	1.56E-03	4.39E-02	-2.21E-02	-4.13E-01
ADPF	MJ	1.84E+04	8.36E+01	3.33E-01	6.06E+00	1.00E+00	1.51E-02	1.83E+04	1.62E-01	3.42E-01	2.08E+00	3.71E-02	-2.29E+01
ADPE	kg Sb eq	1.29E-02	8.47E-04	7.90E-08	2.70E-06	1.26E-07	4.50E-09	1.20E-02	1.04E-07	6.58E-08	1.70E-05	3.32E-09	-5.99E-04
GWP-fossil	kg CO_2 eq	1.33E+03	6.11E+00	2.39E-02	5.66E-01	7.68E-02	1.21E-03	1.33E+03	7.00E-02	2.33E-02	1.45E-01	6.20E-03	-1.63E+00
GWP-biogenic	kg CO_2 eq	4.74E+01	-2.41E-03	7.84E-06	-3.57E-03	2.15E-06	2.00E-03	4.73E+01	1.38E-05	1.43E-05	7.82E-03	9.38E-02	-3.71E-03
GWP-lulut	kg CO_2 eq	2.97E+00	1.10E-02	1.08E-05	2.47E-04	3.90E-05	4.97E-07	2.96E+00	2.49E-05	8.41E-06	1.82E-04	1.49E-06	-3.35E-03

Acronyms: GWP-total=Global Warming Potential total; GWP-biogenic=Global Warming Potential biogenic; GWP-fossil=Global Warming Potential fossil; GWP-lulut=Global Warming Potential land use and land use transformation; ODP=Ozone Depletion;AP=Acidification; E=Eutrophication; POCP=Photochemical ozone formation; ADPE=Depletion of abiotic resources-minerals and metals; ADPF=Depletion of abiotic resources-fossil fuels; WDP=Water resource deprivation.

Table 12: Results of mandatory indicators per unit of product

Indicators	Unit	Value
Renewable primary energy (without raw material)	MJ	5.39E+03
Renewable primary energy (raw material)	MJ	8.23E+00
Total use of renewable primary energy	MJ	5.40E+03
Non-renewable primary energy (without raw material)	MJ	1.94E+04
Non-renewable primary energy (raw material)	MJ	8.93E+01
Total use of non-renewable primary energy	MJ	1.95E+04

Use of secondary materials	kg	0.00E+00
Use of renewable secondary fuels	MJ	0.00E+00
Use of non-renewable secondary fuels	MJ	0.00E+00
Net use of fresh water	m3	1.08E+01
Hazardous waste disposed	kg	1.14E+00
Non-hazardous waste disposed	kg	8.77E+01
Radioactive waste disposed	kg	6.30E-02
Components for reuse	kg	2.02E-02
Materials for recycling	kg	1.03E-01
Materials for energy recovery	kg	0.00E+00
Exported energy	MJ	0.00E+00
Biogenic carbon content of the product	kg	0.00E+00
Biogenic carbon content of the associated packaging	kg	1.49E-02

5 Extrapolation coefficients

The extrapolation coefficients at product level are listed in table 13 and the parameters of homogeneous environmental family was used in rules of extrapolation are listed in table 14.

Table 13: The extrapolation coefficients at product level (declared unit)

Product code	Manufacturing stage	Distribution stage	Installation stage	Use stage	End of life stage	Module D
ID LCCB 100/230/200-700 DALI NFC FV1	1.00	1.00	1.00	1.00	1.00	1.00
ID LCCB 300/230/250-1600 DALI NFC IND FV1	2.27	2.27	2.30	3.00	2.27	2.27
ID ELNCB 300/230/250-1600 NFC IND	2.25	2.25	2.30	6.00	2.24	2.25
ID ELNCB 300/230/1250-1600 DIP IND	2.23	2.23	2.30	6.00	2.22	2.23
ID ELNCB 300/230/900-1250 DIP IND	2.18	2.18	2.30	6.00	2.17	2.18
ID ECNCB 300/230/250-1600 DALI NFC	2.35	2.35	2.17	3.00	2.38	2.35
ID ELNCB 110/230/100-900 DT8 NFC	1.38	1.34	2.00	1.10	1.25	1.38
ID ELNCB 150/230/200-900 DALI DIP CCT H21	1.30	1.26	1.87	1.50	1.18	1.30
ID ELNCB 150/230/200-900 DALI DIP H21	1.29	1.25	1.87	1.50	1.16	1.29
ID LCCB 100/230/900-2200 NFC FV1	1.46	1.45	1.68	2.00	1.42	1.46
ID ELSCB 75/230/700-2000 DALI NFC	1.08	1.04	1.62	0.75	0.96	1.08
ID LCCB 50/230/1050-1400 DIP FV1	1.02	0.98	1.53	1.00	0.90	1.02
ID ELNCB 150/230/200-900 DALI EDIP CCT H21	1.22	1.22	1.43	1.50	1.19	1.22
ID ELNCB 150/230/200-900 DALI EDIP H21	1.21	1.20	1.43	1.50	1.17	1.21
ID LCCB 150/230/200-900 DALI NFC IND FV1	1.41	1.41	1.36	1.50	1.41	1.41
ID ELNCB 150/230/200-900 NFC IND	1.36	1.36	1.36	3.00	1.36	1.36
ID ELNCB 150/230/550-900 DIP IND	1.35	1.35	1.36	3.00	1.35	1.35
ID LCCB 100/230/200-700 DALI NFC IND FV1	1.24	1.24	1.36	1.00	1.22	1.24
ID ELNCB 100/230/350-700 DIP IND	1.20	1.20	1.36	2.00	1.18	1.20

ID ELNCB 100/230/200-700 NFC IND	1.20	1.20	1.36	2.00	1.18	1.20
ID LCCB 75/230/125-550 DALI NFC IND FV1	1.17	1.17	1.36	0.75	1.14	1.17
CU-COM-160-48-220...240-OF-FS	1.33	1.33	1.33	3.20	1.33	1.33
ID ELNCB 100/230/200-800 DALI EDIP CCT H21	1.04	1.03	1.29	1.00	1.00	1.04
ID ELNCB 100/230/200-800 DALI DIP CCT H21	1.03	1.02	1.29	1.00	0.99	1.03
ID ELNCB 100/230/200-800 DALI DIP H21	1.02	1.00	1.29	1.00	0.97	1.02
ID ELNCB 100/230/200-800 DALI EDIP H21	1.01	1.00	1.29	1.00	0.96	1.01
CU-COM-120-48-220...240-OF-FS	1.23	1.23	1.23	2.40	1.23	1.23
CU-COM-96-48-220...240-OF-FS	1.06	1.06	1.23	1.92	1.03	1.06
ID LCCB 75/230/1300-1650 DIP FV1	1.11	1.11	1.23	1.50	1.09	1.11
ID LCCB 75/230/1650-2000 DIP FV1	1.11	1.11	1.23	1.50	1.09	1.11
ID LCCB 75/230/700-2000 NFC FV1	1.11	1.11	1.23	1.50	1.09	1.11
ID ELNCB 110/230/100-900 SKY NFC TW	1.24	1.24	1.20	1.10	1.24	1.24
ID LCCB 100/230/900-2200 DALI NFC FV1	1.23	1.23	1.20	1.00	1.23	1.23
CU-COM-80-54-220...240-OF-FS	0.98	0.97	1.17	1.60	0.95	0.98
ID ELNCB 75/230/150-700 DT8 NFC	1.12	1.12	1.13	0.75	1.12	1.12
ID LCCB 75/230/700-2000 DALI NFC FV1	1.08	1.07	1.13	0.75	1.07	1.08
ID LCCB 100/230/250-800 0-10V NFC FV1 B	1.02	1.02	1.13	2.00	1.01	1.02
ID LCCB 100/230/250-800 0-10V NFC FV1 A	1.01	1.01	1.13	2.00	1.00	1.01
ID LCCB 75/230/150-500 0-10V NFC FV1 B	0.97	0.97	1.13	1.50	0.95	0.97
ID LCCB 75/230/150-500 0-10V NFC FV1 A	0.96	0.96	1.13	1.50	0.94	0.96
ID LCCB 100/230/400-700 1-10V FV2	0.99	0.98	1.13	2.00	0.96	0.99
ID LCCB 75/230/200-400 1-10V FV2	0.90	0.89	1.13	1.50	0.86	0.90
ID LCCB 100/230/1850-2200 DIP FV1	1.38	1.37	1.12	2.00	1.41	1.38
ID LCCB 100/230/400-700 DIP FV1	0.95	0.95	1.09	2.00	0.93	0.95
ID LCCB 50/230/750-1100 DIP FV1	0.95	0.94	1.09	1.00	0.93	0.95
ID LCCB 100/230/250-700 NFC FV1	0.94	0.94	1.09	2.00	0.92	0.94

ID LCCB 50/230/350-1400 NFC FV1	0.94	0.94	1.09	1.00	0.92	0.94
ID LCCB 75/230/120-400 NFC FV1	0.86	0.85	1.09	1.50	0.82	0.86
ID LCCB 75/230/200-400 DIP FV1	0.85	0.84	1.09	1.50	0.81	0.85
ID LCCB 35/230/100-850 NFC FV1	0.84	0.83	1.09	0.70	0.79	0.84
ID LCCB 35/230/500-850 DIP FV1	0.84	0.82	1.09	0.70	0.79	0.84
ID LCCB 35/230/350-700 DIP FV1	0.82	0.81	1.09	0.70	0.77	0.82
ID ELSCB 60/230/350-700 DT8 NFC	1.13	1.13	1.08	0.60	1.13	1.13
ID LCCB 75/230/500-2000 DT8 NFC FV1	1.12	1.12	1.08	0.75	1.12	1.12
ID LCCB 50/230/350-1400 DT8 NFC FV1	1.06	1.06	1.05	0.50	1.07	1.06
ID ELNCB 75/230/050-700 SKY NFC TW	1.10	1.10	0.99	0.75	1.12	1.10
ID ELNCB 100/230/200-700 SKY NFC	1.02	1.02	0.99	1.00	1.02	1.02
ID ELNCB 75/230/125-550 NFC IND	0.94	0.94	0.97	0.75	0.93	0.94
ID LCCB 50/230/350-1400 DALI NFC FV1	0.86	0.86	0.97	0.50	0.84	0.86
ID LCCB 75/230/050-400 B NFC FV1	0.82	0.82	0.97	0.75	0.80	0.82
ID ELNCB 36/230/075-400 DT8 NFC	0.81	0.81	0.97	0.36	0.79	0.81
ID LCCB 75/230/050-400 DALI NFC FV1	0.81	0.81	0.97	0.75	0.78	0.81
ID LCCB 60/230/500-1650 DALI NFC FV1	0.78	0.77	0.97	0.60	0.75	0.78
ID LCCB 40/230/250-1050 DALI NFC FV1	0.77	0.76	0.97	0.40	0.74	0.77
ID LCCB 35/230/100-850 DALI NFC FV1	0.77	0.76	0.97	0.35	0.73	0.77
ID LCCB 36/230/050-400 DALI NFC FV1	0.75	0.74	0.97	0.36	0.71	0.75
ID ELNCB 150/230/200-900 DALI NFC CCT H21	1.16	1.16	0.96	1.50	1.19	1.16
ID ELNCB 150/230/200-900 DALI NFC H21	1.15	1.15	0.96	1.50	1.17	1.15
ID ELNCB 100/230/200-700 D4i NFC	1.03	1.03	0.88	1.00	1.05	1.03
ID ELNCB 100/230/200-800 DALI NFC CCT H21	0.98	0.97	0.86	1.00	0.99	0.98
ID ELNCB 100/230/200-800 DALI NFC H21	0.96	0.96	0.86	1.00	0.97	0.96
ID LCCB 40/230/150-1050 DT8 NFC FV1	0.81	0.81	0.85	0.40	0.81	0.81
XZ-LH80B-241070-B	0.65	0.64	0.85	1.60	0.61	0.65
XZ-LH80B-241055-B	0.65	0.64	0.85	1.60	0.61	0.65
XZ-LH80B-241070-A	0.65	0.64	0.85	1.60	0.61	0.65
XZ-LH80B-241055-A	0.64	0.63	0.85	1.60	0.61	0.64

ID LCCB 36/230/200-400 1-10V FV2	0.59	0.57	0.85	0.72	0.53	0.59
ID ELNCB 75/230/050-550 D4i NFC	0.81	0.81	0.85	0.75	0.80	0.81
ID ELNCB 75/230/050-400 SKY NFC	0.80	0.80	0.85	0.75	0.79	0.80
ID ELNCB 36/230/050-400 SKY NFC TW	0.78	0.77	0.85	0.36	0.76	0.78
ID ELNCB 40/230/050-400 D4i NFC	0.76	0.75	0.85	0.40	0.74	0.76
ID ELNCB 36/230/050-400 SKY NFC	0.72	0.72	0.85	0.72	0.70	0.72
ID ELNCB 80/230/050-550 DALI DIP CCT H21	0.78	0.78	0.82	0.80	0.77	0.78
ID ELNCB 80/230/050-550 DALI EDIP CCT H21	0.78	0.78	0.82	0.80	0.77	0.78
ID ELNCB 80/230/050-550 DALI EDIP H21	0.78	0.78	0.82	0.80	0.77	0.78
ID ELNCB 80/230/050-550 DALI DIP H21	0.77	0.77	0.82	0.80	0.76	0.77
ID ELNCB 40/230/050-400 DALI EDIP CCT H21	0.71	0.71	0.82	0.40	0.69	0.71
ID ELNCB 40/230/050-400 DALI DIP CCT H21	0.71	0.71	0.82	0.40	0.69	0.71
ID ELNCB 40/230/050-400 DALI EDIP H21	0.70	0.70	0.82	0.40	0.68	0.70
ID ELNCB 40/230/050-400 DALI DIP H21	0.70	0.70	0.82	0.40	0.68	0.70
ID ELNCB 75/230/200-550 DIP IND	0.91	0.91	0.77	1.50	0.93	0.91
ID ELSCB 50/230/350-1400 DALI NFC HE	0.77	0.77	0.75	0.50	0.77	0.77
ID ELSCB 50/230/350-1400 DALI NFC	0.78	0.78	0.75	0.50	0.79	0.78
ID ELSCB 42/230/300-1050 DALI NFC	0.74	0.74	0.75	0.42	0.74	0.74
ID ELSCB 42/230/300-1050 DALI NFC HE	0.74	0.74	0.75	0.42	0.73	0.74
ID ELNCB 60/230/100-450 0-10V PWM DIP B	0.72	0.72	0.73	1.22	0.71	0.72
ID ELNCB 60/230/50-400 0-10V PWM DIP B	0.72	0.72	0.73	1.22	0.71	0.72
ID ELNCB 60/230/150-500 0-10V PWM DIP B	0.72	0.72	0.73	1.22	0.71	0.72
ID ELNCB 60/230/100-450 PWM DIP B	0.71	0.71	0.73	1.22	0.71	0.71
ID ELNCB 60/230/50-400 PWM DIP B	0.71	0.71	0.73	1.22	0.71	0.71
ID ELNCB 60/230/150-500 PWM DIP B	0.71	0.71	0.73	1.22	0.71	0.71
ID ELNCB 60/230/50-400 0-10V PWM DIP A	0.71	0.71	0.73	1.22	0.70	0.71

ID ELNCB 60/230/100-450 0-10V PWM DIP A	0.71	0.71	0.73	1.22	0.70	0.71
ID ELNCB 60/230/150-500 0-10V PWM DIP A	0.71	0.71	0.73	1.22	0.70	0.71
ID ELNCB 60/230/100-450 PWM DIP A	0.70	0.70	0.73	1.22	0.69	0.70
ID ELNCB 60/230/50-400 PWM DIP A	0.70	0.70	0.73	1.22	0.69	0.70
ID ELNCB 60/230/150-500 PWM DIP A	0.70	0.70	0.73	1.22	0.69	0.70
XZ-DC120B-400300-B	0.73	0.73	0.72	0.24	0.74	0.73
XZ-DC120B-400300-A	0.50	0.48	0.72	0.24	0.45	0.50
XZ-LH150B-241090-A	0.92	0.91	0.70	1.50	0.94	0.92
XZ-LH100B-241080-A	0.67	0.67	0.58	2.00	0.68	0.67
ID ELNCB 40/230/50-400 0-10V PWM DIP B	0.56	0.56	0.54	0.84	0.57	0.56
ID ELNCB 40/230/50-400 PWM DIP B	0.56	0.56	0.54	0.84	0.56	0.56
ID ELNCB 40/230/50-400 0-10V PWM DIP A	0.55	0.55	0.54	0.84	0.55	0.55
ID ELNCB 40/230/50-400 PWM DIP A	0.54	0.54	0.54	0.84	0.54	0.54
ID ELNCB 20/230/50-400 0-10V PWM DIP B	0.53	0.53	0.54	0.40	0.52	0.53
ID ELNCB 20/230/50-400 PWM DIP B	0.52	0.52	0.54	0.40	0.52	0.52
ID ELNCB 20/230/50-400 0-10V PWM DIP A	0.52	0.52	0.54	0.40	0.51	0.52
ID ELNCB 20/230/50-400 PWM DIP A	0.52	0.52	0.54	0.40	0.51	0.52
ID ELSCB 31/230/350-900 DALI DIP	0.59	0.59	0.54	0.32	0.60	0.59
XZ-DC80B-440200-B	0.67	0.66	0.50	0.16	0.68	0.67
XZ-DC80B-440200-A	0.45	0.45	0.50	0.16	0.44	0.45
ID LCCB 36/230/200-400 DIP FV1	0.57	0.57	0.49	0.72	0.58	0.57
ID LCCB 36/230/120-400 NFC FV1	0.55	0.55	0.49	0.72	0.55	0.55
XZ-LK60B-171035-B	0.58	0.57	0.47	1.20	0.59	0.58
XZ-LK60B-171035-A	0.56	0.56	0.47	1.20	0.57	0.56
XZ-LH60B-171035-B	0.48	0.48	0.43	1.20	0.49	0.48
XZ-LH60B-171035-A	0.47	0.47	0.43	1.20	0.48	0.47
XZ-LK20B-600035-B	0.47	0.47	0.40	0.40	0.48	0.47
XZ-LK40B-121035-A	0.46	0.46	0.40	0.80	0.47	0.46
XZ-LK40B-121035-B	0.45	0.44	0.40	0.80	0.45	0.45
XZ-LK20B-600035-A	0.43	0.43	0.40	0.40	0.44	0.43
XZ-LH40B-121035-B	0.39	0.39	0.39	0.80	0.39	0.39
XZ-LH20B-600035-B	0.36	0.36	0.39	0.40	0.35	0.36
XZ-LH20B-600035-A	0.36	0.36	0.39	0.40	0.35	0.36
XZ-LH40B-121035-A	0.24	0.08	0.39	0.40	0.04	0.24
ID ELNCB 80/230/050-550 DALI NFC CCT H21	0.75	0.71	0.28	0.80	0.77	0.75
ID ELNCB 80/230/050-550 DALI NFC	0.74	0.70	0.28	0.80	0.76	0.74

H21						
ID ELNCB 40/230/050-400 DALI NFC CCT H21	0.67	0.64	0.28	0.40	0.69	0.67
ID ELNCB 40/230/050-400 DALI NFC H21	0.66	0.63	0.28	0.40	0.68	0.66

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

Table 14: The parameters of homogeneous environmental family was used in rules of extrapolation

Product code	**Output Power (W)**	**Efficiency (%)**	**Energy saving functions**	**Energy saving coefficient**	**Weight of product (g)**	**Weight of packaging (g)**
ID LCCB 100/230/200-700 DALI NFC FV1	100	93.00	DALI-2 PUSH Dimming	0.50	222.40	29.81
ID LCCB 300/230/250-1600 DALI NFC IND FV1	300.00	95.00	DALI-2 PUSH Dimming	0.50	505.00	68.69
ID ELNCB 300/230/250-1600 NFC IND	300.00	95.00	/	1.00	498.70	68.69
ID ELNCB 300/230/1250-1600 DIP IND	300.00	95.00	/	1.00	494.20	68.69
ID ELNCB 300/230/900-1250 DIP IND	300.00	95.00	/	1.00	481.90	68.69
ID ECNCB 300/230/250-1600 DALI NFC	300.00	95.00	DALI-2 PUSH Dimming	0.50	528.80	64.61
ID ELNCB 110/230/100-900 DT8 NFC	110.00	93.00	DALI-2 PUSH Dimming	0.50	278.20	59.75
ID ELNCB 150/230/200-900 DALI DIP CCT H21	150.00	95.00	DALI-2 PUSH Dimming	0.50	262.80	55.61
ID ELNCB 150/230/200-900 DALI DIP H21	150.00	95.00	DALI-2 PUSH Dimming	0.50	258.80	55.61
ID LCCB 100/230/900-2200 NFC FV1	100.00	89.50	/	1.00	316.60	50.16
ID ELSCB 75/230/700-2000 DALI NFC	75.00	91.00	DALI-2 PUSH Dimming	0.50	213.20	48.24
ID LCCB 50/230/1050-1400 DIP FV1	50.00	89.00	/	1.00	201.20	45.53
ID ELNCB 150/230/200-900 DALI EDIP CCT H21	150.00	95.00	DALI-2 PUSH Dimming	0.50	263.80	42.65
ID ELNCB 150/230/200-900 DALI EDIP H21	150.00	95.00	DALI-2 PUSH Dimming	0.50	260.70	42.65
ID LCCB 150/230/200-900 DALI NFC IND FV1	150.00	94.00	DALI-2 PUSH Dimming	0.50	314.00	40.46
ID ELNCB 150/230/200-900 NFC IND	150.00	94.00	/	1.00	301.50	40.46

ID ELNCB 150/230/550-900 DIP IND	150.00	94.00	/	1.00	299.40	40.46
ID LCCB 100/230/200-700 DALI NFC IND FV1	100.00	93.00	DALI-2 PUSH Dimming	0.50	271.80	40.46
ID ELNCB 100/230/350-700 DIP IND	100.00	94.00	/	1.00	262.10	40.46
ID ELNCB 100/230/200-700 NFC IND	100.00	94.00	/	1.00	262.00	40.46
ID LCCB 75/230/125-550 DALI NFC IND FV1	75.00	93.50	DALI-2 PUSH Dimming	0.50	254.60	40.46
CU-COM-160-48-220...240-OF-FS	160.00	93.00	/	1.00	295.70	39.56
ID ELNCB 100/230/200-800 DALI EDIP CCT H21	100.00	94.00	DALI-2 PUSH Dimming	0.50	221.60	38.54
ID ELNCB 100/230/200-800 DALI DIP CCT H21	100.00	94.00	DALI-2 PUSH Dimming	0.50	219.50	38.54
ID ELNCB 100/230/200-800 DALI DIP H21	100.00	94.00	DALI-2 PUSH Dimming	0.50	214.80	38.54
ID ELNCB 100/230/200-800 DALI EDIP H21	100.00	94.00	DALI-2 PUSH Dimming	0.50	214.10	38.54
CU-COM-120-48-220...240-OF-FS	120.00	92.00	/	1.00	272.70	36.73
CU-COM-96-48-220...240-OF-FS	96.00	92.00	/	1.00	230.00	36.73
ID LCCB 75/230/1300-1650 DIP FV1	75.00	88.00	/	1.00	243.00	36.70
ID LCCB 75/230/1650-2000 DIP FV1	75.00	88.00	/	1.00	243.00	36.70
ID LCCB 75/230/700-2000 NFC FV1	75.00	88.00	/	1.00	242.90	36.70
ID ELNCB 110/230/100-900 SKY NFC TW	110.00	93.00	Bluetooth Dimming	0.50	276.40	35.66
ID LCCB 100/230/900-2200 DALI NFC FV1	100.00	90.50	DALI-2 PUSH Dimming	0.50	274.40	35.65
CU-COM-80-54-220...240-OF-FS	80.00	90.00	/	1.00	211.00	34.84
ID ELNCB 75/230/150-700 DT8 NFC	75.00	92.00	DALI-2 PUSH Dimming	0.50	248.40	33.81
ID LCCB 75/230/700-2000 DALI NFC FV1	75.00	89.00	DALI-2 PUSH Dimming	0.50	237.20	33.81
ID LCCB 100/230/250-800 0-10V NFC FV1 B	100.00	93.00	0-10V Dimming	1.00	223.90	33.81
ID LCCB 100/230/250-800 0-10V NFC FV1 A	100.00	93.00	0-10V Dimming	1.00	221.30	33.81
ID LCCB 75/230/150-500 0-10V NFC FV1 B	75.00	92.00	0-10V Dimming	1.00	210.30	33.81
ID LCCB 75/230/150-500 0-10V NFC FV1 A	75.00	92.00	0-10V Dimming	1.00	208.50	33.81

ID LCCB 100/230/400-700 1-10V FV2	100.00	94.00	1-10v Dimming	1.00	214.50	33.70
ID LCCB 75/230/200-400 1-10V FV2	75.00	93.00	1-10v Dimming	1.00	190.40	33.70
ID LCCB 100/230/1850-2200 DIP FV1	100.00	89.00	/	1.00	312.80	33.44
ID LCCB 100/230/400-700 DIP FV1	100.00	93.00	/	1.00	206.00	32.52
ID LCCB 50/230/750-1100 DIP FV1	50.00	88.50	/	1.00	205.80	32.52
ID LCCB 100/230/250-700 NFC FV1	100.00	93.00	/	1.00	204.80	32.52
ID LCCB 50/230/350-1400 NFC FV1	50.00	88.00	/	1.00	204.70	32.52
ID LCCB 75/230/120-400 NFC FV1	75.00	93.00	/	1.00	181.60	32.52
ID LCCB 75/230/200-400 DIP FV1	75.00	92.00	/	1.00	180.40	32.52
ID LCCB 35/230/100-850 NFC FV1	35.00	87.00	/	1.00	175.70	32.52
ID LCCB 35/230/500-850 DIP FV1	35.00	87.00	/	1.00	175.40	32.52
ID LCCB 35/230/350-700 DIP FV1	35.00	87.00	/	1.00	171.50	32.52
ID ELSCB 60/230/350-700 DT8 NFC	60.00	90.00	DALI-2 PUSH Dimming	0.50	251.90	32.21
ID LCCB 75/230/500-2000 DT8 NFC FV1	75.00	91.00	DALI-2 PUSH Dimming	0.50	249.40	32.21
ID LCCB 50/230/350-1400 DT8 NFC FV1	50	88.00	DALI-2 PUSH Dimming	0.50	236.90	31.21
ID ELNCB 75/230/050-700 SKY NFC TW	75.00	92.00	Bluetooth Dimming	0.50	248.60	29.61
ID ELNCB 100/230/200-700 SKY NFC	100.00	93.00	Bluetooth Dimming	0.50	227.60	29.61
ID ELNCB 75/230/125-550 NFC IND	75.00	93.50	DALI-2 PUSH Dimming	0.50	207.50	28.78
ID LCCB 50/230/350-1400 DALI NFC FV1	50.00	87.50	DALI-2 PUSH Dimming	0.50	187.00	28.78
ID LCCB 75/230/050-400 B NFC FV1	75	92.00	Bluetooth Dimming	0.50	177.60	28.78
ID ELNCB 36/230/075-400 DT8 NFC	36.00	90.00	DALI-2 PUSH Dimming	0.50	174.60	28.78
ID LCCB 75/230/050-400 DALI NFC FV1	75.00	92.00	DALI-2 PUSH Dimming	0.50	174.50	28.78
ID LCCB 60/230/500-1650 DALI NFC FV1	60.00	87.00	DALI-2 PUSH Dimming	0.50	166.10	28.78
ID LCCB 40/230/250-1050 DALI NFC FV1	40.00	87.00	DALI-2 PUSH Dimming	0.50	163.60	28.78
ID LCCB 35/230/100-850 DALI NFC FV1	35.00	87.00	DALI-2 PUSH Dimming	0.50	162.90	28.78
ID LCCB 36/230/050-400 DALI NFC FV1	36.00	91.00	DALI-2 PUSH Dimming	0.50	157.00	28.78
ID ELNCB 150/230/200-900 DALI NFC CCT H21	150.00	95.00	DALI-2 PUSH Dimming	0.50	263.60	28.59

ID ELNCB 150/230/200-900 DALI NFC H21	150.00	95.00	DALI-2 PUSH Dimming	0.50	260.50	28.59
ID ELNCB 100/230/200-700 D4i NFC	100.00	93.00	DALI-2 Dimming	0.50	232.60	26.09
ID ELNCB 100/230/200-800 DALI NFC CCT H21	100.00	94.00	DALI-2 PUSH Dimming	0.50	220.10	25.69
ID ELNCB 100/230/200-800 DALI NFC H21	100.00	94.00	DALI-2 PUSH Dimming	0.50	216.10	25.69
ID LCCB 40/230/150-1050 DT8 NFC FV1	40.00	88.00	DALI-2 PUSH Dimming	0.50	179.10	25.47
XZ-LH80B-241070-B	80.00	93.00	/	1.00	135.90	25.35
XZ-LH80B-241055-B	80.00	94.00	/	1.00	135.80	25.35
XZ-LH80B-241070-A	80.00	93.00	/	1.00	135.70	25.35
XZ-LH80B-241055-A	80.00	94.00	/	1.00	134.70	25.35
ID LCCB 36/230/200-400 1-10V FV2	36.00	91.50	1-10v Dimming	1.00	118.60	25.35
ID ELNCB 75/230/050-550 D4i NFC	75.00	93.00	DALI-2 Dimming	0.50	178.40	25.24
ID ELNCB 75/230/050-400 SKY NFC	75.00	92.00	Bluetooth Dimming	0.50	175.40	25.24
ID ELNCB 36/230/050-400 SKY NFC TW	36.00	90.00	Bluetooth Dimming	0.50	170.00	25.24
ID ELNCB 40/230/050-400 D4i NFC	40.00	91.00	DALI-2 Dimming	0.50	164.80	25.24
ID ELNCB 36/230/050-400 SKY NFC	36.00	90.00	Bluetooth Dimming	1.00	156.20	25.24
ID ELNCB 80/230/050-550 DALI DIP CCT H21	80.00	93.00	DALI-2 PUSH Dimming	0.50	172.20	24.50
ID ELNCB 80/230/050-550 DALI EDIP CCT H21	80.00	94.00	DALI-2 PUSH Dimming	0.50	171.60	24.50
ID ELNCB 80/230/050-550 DALI EDIP H21	80.00	94.00	DALI-2 PUSH Dimming	0.50	171.00	24.50
ID ELNCB 80/230/050-550 DALI DIP H21	80.00	93.00	DALI-2 PUSH Dimming	0.50	169.20	24.50
ID ELNCB 40/230/050-400 DALI EDIP CCT H21	40.00	92.00	DALI-2 PUSH Dimming	0.50	154.20	24.50
ID ELNCB 40/230/050-400 DALI DIP CCT H21	40.00	91.00	DALI-2 PUSH Dimming	0.50	153.80	24.50
ID ELNCB 40/230/050-400 DALI EDIP H21	40.00	92.00	DALI-2 PUSH Dimming	0.50	151.30	24.50
ID ELNCB 40/230/050-400 DALI DIP H21	40.00	91.00	DALI-2 PUSH Dimming	0.50	151.20	24.50
ID ELNCB 75/230/200-550 DIP IND	75.00	93.50	/	1.00	206.50	22.84

ID ELSCB 50/230/350-1400 DALI NFC HE	50.00	92.00	DALI-2 PUSH Dimming	0.50	172.30	22.45
ID ELSCB 50/230/350-1400 DALI NFC	50.00	89.00	DALI-2 PUSH Dimming	0.50	175.40	22.32
ID ELSCB 42/230/300-1050 DALI NFC	42.00	89.00	DALI-2 PUSH Dimming	0.50	164.90	22.32
ID ELSCB 42/230/300-1050 DALI NFC HE	42.00	92.00	DALI-2 PUSH Dimming	0.50	163.10	22.32
ID ELNCB 60/230/100-450 0-10V PWM DIP B	61.20	92.00	0-10V PWM Dimming	1.00	158.90	21.70
ID ELNCB 60/230/50-400 0-10V PWM DIP B	61.20	92.00	0-10V PWM Dimming	1.00	158.80	21.70
ID ELNCB 60/230/150-500 0-10V PWM DIP B	61.20	92.00	0-10V PWM Dimming	1.00	158.80	21.70
ID ELNCB 60/230/100-450 PWM DIP B	61.20	92.00	PWM Dimming	1.00	157.30	21.70
ID ELNCB 60/230/50-400 PWM DIP B	61.20	92.00	PWM Dimming	1.00	157.20	21.70
ID ELNCB 60/230/150-500 PWM DIP B	61.20	92.00	PWM Dimming	1.00	157.10	21.70
ID ELNCB 60/230/50-400 0-10V PWM DIP A	61.20	92.00	0-10V PWM Dimming	1.00	156.70	21.70
ID ELNCB 60/230/100-450 0-10V PWM DIP A	61.20	92.00	0-10V PWM Dimming	1.00	156.70	21.70
ID ELNCB 60/230/150-500 0-10V PWM DIP A	61.20	92.00	0-10V PWM Dimming	1.00	156.50	21.70
ID ELNCB 60/230/100-450 PWM DIP A	61.20	92.00	PWM Dimming	1.00	154.50	21.70
ID ELNCB 60/230/50-400 PWM DIP A	61.20	92.00	PWM Dimming	1.00	154.40	21.70
ID ELNCB 60/230/150-500 PWM DIP A	61.20	92.00	PWM Dimming	1.00	154.40	21.70
XZ-DC120B-400300-B	12.00	95.00	/	1.00	163.80	21.43
XZ-DC120B-400300-A	12.00	95.00	/	1.00	99.70	21.43
XZ-LH150B-241090-A	150.00	95.00	/	0.50	209.60	20.91
XZ-LH100B-241080-A	100.00	93.50	/	1.00	151.10	17.39
ID ELNCB 40/230/50-400 0-10V PWM DIP B	42.00	91.00	0-10V PWM Dimming	1.00	125.90	16.10
ID ELNCB 40/230/50-400 PWM DIP B	42.00	91.00	PWM Dimming	1.00	125.10	16.10
ID ELNCB 40/230/50-400 0-10V PWM DIP A	42.00	91.00	0-10V PWM Dimming	1.00	123.10	16.10
ID ELNCB 40/230/50-400 PWM DIP A	42.00	91.00	PWM Dimming	1.00	121.20	16.10
ID ELNCB 20/230/50-400 0-10V PWM DIP B	20.00	89.00	0-10V PWM Dimming	1.00	116.40	16.10
ID ELNCB 20/230/50-400 PWM DIP B	20.00	89.00	PWM Dimming	1.00	116.20	16.10
ID ELNCB 20/230/50-400 0-10V PWM DIP A	20.00	89.00	0-10V PWM Dimming	1.00	114.40	16.10
ID ELNCB 20/230/50-400 PWM DIP A	20.00	89.00	PWM Dimming	1.00	114.20	16.10
ID ELSCB 31/230/350-900 DALI DIP	32.40	90.00	DALI-2 PUSH	0.50	132.80	16.08

			Dimming			
XZ-DC80B-440200-B	8.00	95.00	/	1.00	151.80	14.79
XZ-DC80B-440200-A	8.00	95.00	/	1.00	98.90	14.79
ID LCCB 36/230/200-400 DIP FV1	36.00	91.00	/	1.00	128.40	14.59
ID LCCB 36/230/120-400 NFC FV1	36.00	91.00	/	1.00	123.00	14.59
XZ-LK60B-171035-B	60.00	91.00	/	1.00	130.40	13.99
XZ-LK60B-171035-A	60.00	91.00	/	1.00	127.70	13.99
XZ-LH60B-171035-B	60.00	93.00	/	1.00	107.90	12.94
XZ-LH60B-171035-A	60.00	93.00	/	1.00	106.10	12.94
XZ-LK20B-600035-B	20.00	86.00	/	1.00	107.00	11.90
XZ-LK40B-121035-A	40.00	90.00	/	1.00	104.80	11.90
XZ-LK40B-121035-B	40.00	90.00	/	1.00	100.20	11.90
XZ-LK20B-600035-A	20.00	85.00	/	1.00	97.60	11.90
XZ-LH40B-121035-B	40.00	93.00	/	1.00	86.10	11.49
XZ-LH20B-600035-B	20.00	88.00	/	1.00	78.40	11.49
XZ-LH20B-600035-A	20.00	88.00	/	1.00	78.10	11.49
XZ-LH40B-121035-A	20.00	93.00	/	1.00	8.25	11.49
ID ELNCB 80/230/050-550 DALI NFC CCT H21	80.00	94.00	DALI-2 PUSH Dimming	0.50	171.50	8.22
ID ELNCB 80/230/050-550 DALI NFC H21	80.00	94.00	DALI-2 PUSH Dimming	0.50	169.50	8.22
ID ELNCB 40/230/050-400 DALI NFC CCT H21	40.00	92.00	DALI-2 PUSH Dimming	0.50	154.40	8.22
ID ELNCB 40/230/050-400 DALI NFC H21	40.00	92.00	DALI-2 PUSH Dimming	0.50	151.60	8.22