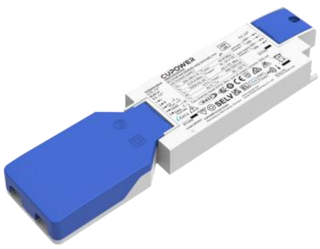
Product Environmental Profile of LED POWER SUPPLY

Reference product: ID CCCB 44/230/500-1050 DT8 NFC FV1



<table>
<tr><td rowspan="2">Registration number</td><td colspan="2" rowspan="2">CUPO-00002-V01.01-EN</td><td>Drafting rules</td><td colspan="2">PCR-ed4-EN-2021 09 06</td></tr>
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<tr><td colspan="4">The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)</td><td colspan="2" rowspan="3"></td></tr>
<tr><td colspan="4">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.</td></tr>
<tr><td colspan="4">Document complies with ISO 14025:2006 “Environmental labels and declarations. Type III environmental declarations”</td></tr>
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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 driver is mainly used for lighting LED fixtures, with an ultra-wide operating window and a height of 21 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 CCCB 44/230/500-1050 DT8 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	44
Efficiency	%	89
Dimension	mm	242.8x56.5x21

1.3 Declared unit

The declared unit of LED POWER SUPPLY is defined as a control gear providing its maximum power of 49.44 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 CCCB

44/230/500-1050 DT8 NFC FV1, net weight: 198.30g) providing rated output for a reference service life of 50,000 hours (total delivered output = (44/0.89) W × 50,000 h). The reference flows comprise the product unit and its manufacturing scrap, all packaging, transport to installer, installation materials/wastes, expected maintensance/spare parts over the 50,000 h, and end-of-life collection and treatment.

1.4 Homogeneous environmental family

The assessed products range covers the “LED POWER SUPPLY” family. By referring to the characteristics of the same family of environmental products in PSR-0014-ed2-EN-2023 07 13, it is found that they belong to the same family of environmental products. Then ID CCCB 44/230/500-1050 DT8 NFC FV1 is described as the reference product in this study.

- be in the same range of products of the manufacturer,
- be subject to the same product standards,
- has the same assigned lifetime (50,000 H),
- the materials and manufacturing processes of products are identical,
- the packaging materials and manufacturing processes are identical,
- the packaging is optimized within the product line,
- use the same logistics circuit (the same transport type, distance and transport conditions),
- the conditions of installation and use are the same,
- the technology of the light source to be powered is identical,
- Control gears are recycled according to the same regulatory requirements.

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)	44	1.12	240
Efficiency (%)	89	60	94
Energy saving coefficient	0.5	0.5	1.0
Weight of product (g)	198.30	20.4	947
Weight of packaging (g)	34.03	6.28	85.12

2 Constituent materials

2.1 Overview

Table 4: Product composition

Information	Weight [in kg]	Share [in %]
Product	0.198	85.34
Packaging	0.034	14.66

2.2 Product

Table 5: Material composition – Product

Information	Weight [in kg]	Share [in %]
Metals	0.001	0.69
Plastics	0.104	52.45
Others	0.093	46.86

2.3 Packaging

Table 6: Material composition – Packaging

Information	Weight [in kg]	Share [in %]
Paper/board	0.013	37.31
Wood	0.021	61.75
Plastics	0.0003	0.94

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 PEP-PCR–ed4- EN-2021 09 06 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 PEP-PCR-ed4- EN-2021 09 06. 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	0.003
Share of metals	%	24.62
Share of plastics	%	0.00
Share of others	%	75.38
Total weight of product going into incineration with energy recovery	kg	0.052
Share of metals	%	0.00
Share of plastics	%	100.00
Share of others	%	0.00
Total weight of packaging going into reuse	kg	0.021
Total weight of packaging going into recycling	kg	0.011
Share of Paper/board	%	98.76
Share of Plastics	%	1.24
Total weight of packaging going into incineration with energy recovery	kg	0.001
Share of Paper/board	%	90.63
Share of Plastics	%	9.37

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	6.38E+02	5.41E+00	2.03E-02	2.48E-01	7.07E-02	3.48E-03	6.33E+02	6.25E-02	2.08E-02	6.28E-03	1.10E-01	-9.52E-01

ODP	kg CFC11 eq	6.71E-06	1.18E-07	2.76E-10	7.44E-10	1.00E-09	1.87E-11	6.59E-06	9.35E-11	4.57E-10	9.59E-11	4.28E-11	-4.74E-08
POCP	kg NMVOC eq	1.55E+00	3.31E-02	1.16E-04	8.87E-04	1.15E-03	9.52E-06	1.51E+00	5.29E-05	1.31E-04	2.55E-05	4.78E-05	-3.97E-03
AP	mol H+ eq	2.79E+00	6.35E-02	8.57E-05	1.52E-03	1.43E-03	6.36E-06	2.72E+00	6.97E-05	8.47E-05	7.34E-05	2.03E-05	-7.76E-03
EP-freshwater	kg P eq	5.57E-01	5.13E-03	2.21E-06	5.17E-05	4.36E-06	1.69E-07	5.51E-01	5.32E-06	1.47E-06	6.69E-06	1.08E-05	-1.39E-03
EP-marine	kg N eq	5.85E-01	7.15E-03	3.06E-05	3.10E-04	3.68E-04	3.27E-06	5.77E-01	2.03E-05	3.17E-05	7.97E-06	1.36E-04	-1.33E-03
EP-terrestrial	mol N eq	5.37E+00	7.83E-02	3.34E-04	3.32E-03	4.08E-03	2.50E-05	5.28E+00	1.93E-04	3.45E-04	7.99E-05	6.08E-05	-1.40E-02
WDP	m3 depriv.	9.10E+01	1.53E+00	1.31E-03	3.28E-02	3.17E-03	-9.47E-05	8.95E+01	2.29E-03	1.39E-03	1.80E-03	-2.43E-02	-2.80E-01
ADPF	MJ	8.50E+03	7.69E+01	2.82E-01	2.67E+00	9.21E-01	1.78E-02	8.42E+03	1.45E-01	3.05E-01	8.54E-02	4.09E-02	-1.45E+01
ADPE	kg Sb eq	6.59E-03	1.07E-03	6.70E-08	1.19E-06	1.16E-07	5.36E-09	5.52E-03	9.26E-08	5.87E-08	6.99E-07	3.66E-09	-3.38E-04
GWP-fossil	kg CO_2 eq	6.15E+02	5.43E+00	2.03E-02	2.49E-01	7.07E-02	1.44E-03	6.09E+02	6.24E-02	2.07E-02	5.96E-03	6.83E-03	-9.53E-01
GWP-biogenic	kg CO_2 eq	2.18E+01	-3.04E-02	6.65E-06	-1.57E-03	1.98E-06	2.05E-03	2.17E+01	1.23E-05	1.28E-05	3.21E-04	1.03E-01	3.62E-03
GWP-lulut	kg CO_2 eq	1.37E+00	9.47E-03	9.20E-06	1.09E-04	3.59E-05	5.81E-07	1.36E+00	2.22E-05	7.50E-06	7.50E-06	1.64E-06	-2.14E-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	2.48E+03
Renewable primary energy (raw material)	MJ	7.41E+00
Total use of renewable primary energy	MJ	2.49E+03
Non-renewable primary energy (without raw material)	MJ	8.90E+03
Non-renewable primary energy (raw material)	MJ	8.38E+01
Total use of non-renewable primary energy	MJ	8.99E+03
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	4.99E+00
Hazardous waste disposed	kg	5.30E-01
Non-hazardous waste disposed	kg	4.06E+01
Radioactive waste disposed	kg	2.90E-02
Components for reuse	kg	2.10E-02
Materials for recycling	kg	2.49E-02
Materials for energy recovery	kg	5.33E-02
Exported energy	MJ	0.00E+00
Biogenic carbon content of the product	kg	0.00E+00
Biogenic carbon content of the associated packaging	kg	1.70E-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 CCCB 44/230/500-1050 DT8 NFC FV1	1.00	1.00	1.00	1.00	1.00	1.00
ID DALI BUS070 FV1	0.12	0.12	0.18	0.03	0.10	0.12
ID DALI BUS100 FV1	0.12	0.11	0.18	0.04	0.10	0.12
XZ-QB06D-400013-E	0.26	0.25	0.35	0.24	0.23	0.26
XZ-QB06D-400015-E	0.25	0.25	0.35	0.27	0.23	0.25
XZ-YL09D-420018-B	0.33	0.32	0.43	0.33	0.30	0.33
XZ-YL09D-420018-D	0.33	0.33	0.43	0.33	0.31	0.33
XZ-CH08B-420017-D	0.54	0.54	0.56	0.33	0.53	0.54
XZ-QB08D-400020-E	0.24	0.23	0.35	0.36	0.20	0.24
XZ-QF10B-400025	0.23	0.22	0.35	0.45	0.20	0.23
XZ-QB10D-400025-E	0.23	0.22	0.35	0.45	0.20	0.23
ID ECSCI 10/230/100-250 DIP	0.27	0.27	0.35	0.45	0.25	0.27
ID ECSCI 10/230/100-250 DALI DIP	0.40	0.40	0.43	0.23	0.40	0.40
XZ-YL09D-270040-B	0.33	0.32	0.43	0.49	0.30	0.33
XZ-YL09D-270040-D	0.34	0.33	0.43	0.49	0.31	0.34
RD CCCI 12/230/100-450 DT6 DIP FV1	0.37	0.37	0.43	0.27	0.36	0.37
RD CCCI 12/230/350-700 DT8 DIP FV1	0.38	0.38	0.43	0.27	0.37	0.38
RD CCCI 12/230/100-450 DT8 DIP FV1	0.38	0.38	0.43	0.27	0.37	0.38
RD CCCI 12/230/350-700 DT6 DIP FV1	0.37	0.37	0.43	0.27	0.36	0.37

XZ-QB12D-400030-E	0.25	0.24	0.35	0.55	0.22	0.25
ID ECSCB 14/230/100-550 D4i NFC OUT	0.96	0.96	1.14	0.32	0.93	0.96
XZ-QF15B-400035	0.23	0.22	0.35	0.64	0.20	0.23
XZ-QB13D-380035-E	0.29	0.29	0.35	0.64	0.28	0.29
ID ECSCB 14/230/100-550 NFC OUT	1.12	1.12	1.14	0.64	1.11	1.12
XZ-CH15B-420035-D	0.54	0.54	0.56	0.67	0.54	0.54
ID CCCI 15/230/100-450 DALI FV1	0.39	0.39	0.38	0.34	0.40	0.39
ID ECSCB 15/230/150-550 DALI NFC	1.24	0.65	2.15	0.34	0.39	1.24
XZ-YL16D-400040-B	0.36	0.36	0.43	0.73	0.34	0.36
XZ-YL16D-400040-D	0.37	0.37	0.43	0.73	0.36	0.37
XZ-QF24B-400045	0.24	0.23	0.35	0.82	0.20	0.24
XZ-QB24D-400045-E	0.28	0.27	0.35	0.82	0.26	0.28
ID CCCB 20/230/150-500 DT8 NFC FV1	0.67	0.67	0.51	0.45	0.69	0.67
RD CCCI 20/230/350-700 DT8 DIP FV1	0.41	0.41	0.43	0.45	0.41	0.41
RD CCCI 20/230/350-700 DT6 DIP FV1	0.41	0.41	0.43	0.45	0.40	0.41
XZ-QB24D-400050-E	0.28	0.28	0.35	0.91	0.26	0.28
XZ-QB24D-400055-E	0.28	0.28	0.35	1.00	0.26	0.28
XZ-QB24D-360060-E	0.28	0.28	0.35	0.98	0.26	0.28
ID ECSCB 24/230/150-1050 D4i NFC OUT	0.96	0.96	1.14	0.55	0.93	0.96
XZ-YL24B-400060-B	0.41	0.41	0.43	1.09	0.41	0.41
XZ-YL24B-400060-D	0.42	0.42	0.43	1.09	0.42	0.42
ID ECSCB 24/230/150-1050 NFC OUT	1.12	1.12	1.14	1.09	1.11	1.12
XZ-CH26B-420060-D	0.56	0.56	0.56	1.15	0.56	0.56
ID ECSCB 28/230/150-700 DALI NFC	0.74	0.73	0.52	0.64	0.76	0.74
ID CCCB 28/230/150-700 DALI FV1	0.80	0.79	0.73	0.64	0.81	0.80
RD ECSCB 28/230/100-700 DIP	0.72	0.71	0.45	1.27	0.75	0.72
ID ECSCB 28/230/150-700 BH21 NFC CS	0.71	0.69	0.42	0.64	0.74	0.71
ID ECSCB 28/230/150-700 BH21 NFC MM	0.71	0.69	0.42	0.64	0.74	0.71
ID ECSCB 28/230/150-700 BH21 NFC ML	0.71	0.69	0.42	0.64	0.74	0.71

ID ECSCB 28/230/150-700 BH21 NFC SI	0.71	0.69	0.42	0.64	0.74	0.71
ID ECSCB 28/230/150-700 BH21 NFC IN	0.71	0.69	0.42	0.64	0.74	0.71
ID ECSCI 28/230/100-700 NFC CS W	0.70	0.67	0.97	0.64	0.62	0.70
ID ECSCI 28/230/100-700 NFC CS B	0.70	0.67	0.97	0.64	0.62	0.70
ID ECSCI 28/230/100-700 NFC CS G	0.70	0.67	0.97	0.64	0.62	0.70
ID ECSCI 28/230/100-700 NFC MM W	0.70	0.67	0.97	0.64	0.62	0.70
ID ECSCI 28/230/100-700 NFC MM B	0.70	0.67	0.97	0.64	0.62	0.70
ID ECSCI 28/230/100-700 NFC MM G	0.70	0.67	0.97	0.64	0.62	0.70
ID ECSCI 28/230/100-700 NFC ML W	0.70	0.67	0.97	0.64	0.62	0.70
ID ECSCI 28/230/100-700 NFC ML B	0.70	0.67	0.97	0.64	0.62	0.70
ID ECSCI 28/230/100-700 NFC ML G	0.70	0.67	0.97	0.64	0.62	0.70
ID ECSCI 28/230/100-700 NFC SI W	0.70	0.67	0.97	0.64	0.62	0.70
ID ECSCI 28/230/100-700 NFC SI B	0.70	0.67	0.97	0.64	0.62	0.70
ID ECSCI 28/230/100-700 NFC SI G	0.70	0.67	0.97	0.64	0.62	0.70
ID ECSCI 28/230/100-700 NFC IN W	0.70	0.67	0.97	0.64	0.62	0.70
ID ECSCI 28/230/100-700 NFC IN B	0.70	0.67	0.97	0.64	0.62	0.70
ID ECSCI 28/230/100-700 NFC IN G	0.70	0.67	0.97	0.64	0.62	0.70
ID CCCB 30/230/350-850 DT8 NFC FV1	0.91	0.91	1.01	0.68	0.89	0.91
ID CCCI 30/230/400-750 DALI FV1	0.56	0.56	0.58	0.68	0.55	0.56
XZ-QM30B-400075	0.32	0.31	0.41	1.36	0.29	0.32
XZ-LT30B-400070-D30	0.44	0.44	0.41	1.36	0.45	0.44
XZ-QR30B-400075-A	0.47	0.47	0.50	1.36	0.47	0.47
XZ-QR30B-400075-B22	0.47	0.47	0.50	1.36	0.46	0.47
XZ-CH35B-420080-D	1.23	0.96	2.19	1.53	0.75	1.23
XZ-YL36B-400090-B	0.44	0.44	0.43	1.64	0.44	0.44
XZ-YL36B-400090-D	0.44	0.44	0.43	1.64	0.45	0.44
ID CCCB 38/230/500-900 DALI FV1	0.88	0.87	0.73	0.86	0.90	0.88
ID CCCB 40/230/300-1050 BH30 NFC FV1	0.86	0.86	0.87	0.91	0.85	0.86
ID CCCB 40/230/300-1050 DALI FV1	0.86	0.86	0.73	0.91	0.88	0.86
ID CCCB 40/230/150-1050 DALI NFC FV1	0.56	0.55	0.50	0.91	0.56	0.56
ID CCCI 40/230/300-1050 DALI DIP FV1	1.06	1.06	1.08	0.91	1.06	1.06

ID ECSCB 40/230/150-1050 D4i NFC OUT	1.05	1.05	1.14	0.91	1.04	1.05
RD CCCI 40/230/700-1050 DT8 DIP FV1	0.61	0.61	0.54	0.91	0.62	0.61
RD CCCI 40/230/700-1050 DT6 DIP FV1	0.59	0.59	0.54	0.91	0.59	0.59
XZ-QH40B-400105-AB95	0.83	0.81	1.09	1.82	0.76	0.83
XZ-QH40B-400105-A-AB24	0.84	0.82	1.09	1.82	0.78	0.84
XZ-QH40B-500080-A-AB21	0.84	0.83	1.09	1.82	0.78	0.84
CU-DT6-24-40-220...240-CH	0.86	0.86	0.92	0.91	0.85	0.86
CU-DT8-24-40-220...240-TW	0.86	0.86	0.87	0.91	0.86	0.86
XZ-YL40B-400105-B	0.52	0.52	0.50	1.82	0.53	0.52
XZ-YL40B-400105-D	0.53	0.53	0.50	1.82	0.54	0.53
ID ECSCB 40/230/150-1050 NFC OUT	1.12	1.12	1.14	1.82	1.12	1.12
ID ECSCB 40/230/150-1050 D4i NFC	1.00	0.99	1.21	0.91	0.96	1.00
ID ECSCB 42/230/300-1050 DALI NFC	0.76	0.75	0.52	0.95	0.79	0.76
RD ECSCB 42/230/300-1050 DIP	0.75	0.73	0.45	1.91	0.78	0.75
RD ECSCB 42/230/700-1050 DIP	0.66	0.65	0.45	1.91	0.69	0.66
XZ-QM40B-400105	0.32	0.32	0.41	1.91	0.30	0.32
XZ-LT40B-400105-D63	0.46	0.45	0.41	1.91	0.46	0.46
XZ-QR40B-400105-A	0.47	0.47	0.51	1.91	0.46	0.47
XZ-QR40B-400105-B50	0.48	0.48	0.51	1.91	0.48	0.48
XZ-QR40B-400105-D06	0.49	0.49	0.51	1.91	0.48	0.49
ID ECSCB 42/230/300-1050 BH21 NFC TW CS	1.00	0.99	0.82	0.95	1.02	1.00
ID ECSCB 42/230/300-1050 BH21 NFC TW MM	1.00	0.99	0.82	0.95	1.02	1.00
ID ECSCB 42/230/300-1050 BH21 NFC TW ML	1.00	0.99	0.82	0.95	1.02	1.00
ID ECSCB 42/230/300-1050 BH21 NFC TW SI	1.00	0.99	0.82	0.95	1.02	1.00
ID ECSCB 42/230/300-1050 BH21 NFC TW IN	1.00	0.99	0.82	0.95	1.02	1.00
ID ECSCB 42/230/300-1050 BH21 NFC CS	0.75	0.74	0.56	0.95	0.77	0.75
ID ECSCB 42/230/300-1050 BH21 NFC MM	0.75	0.74	0.56	0.95	0.77	0.75

ID ECSCB 42/230/300-1050 BH21 NFC ML	0.75	0.74	0.56	0.95	0.77	0.75
ID ECSCB 42/230/300-1050 BH21 NFC SI	0.75	0.74	0.56	0.95	0.77	0.75
ID ECSCB 42/230/300-1050 BH21 NFC IN	0.75	0.74	0.56	0.95	0.77	0.75
ID ECSCI 42/230/300-1050 NFC CS W	0.70	0.67	0.97	0.95	0.62	0.70
ID ECSCI 42/230/300-1050 NFC CS B	0.70	0.67	0.97	0.95	0.62	0.70
ID ECSCI 42/230/300-1050 NFC CS G	0.70	0.67	0.97	0.95	0.62	0.70
ID ECSCI 42/230/300-1050 NFC MM W	0.70	0.67	0.97	0.95	0.62	0.70
ID ECSCI 42/230/300-1050 NFC MM B	0.70	0.67	0.97	0.95	0.62	0.70
ID ECSCI 42/230/300-1050 NFC MM G	0.70	0.67	0.97	0.95	0.62	0.70
ID ECSCI 42/230/300-1050 NFC ML W	0.70	0.67	0.97	0.95	0.62	0.70
ID ECSCI 42/230/300-1050 NFC ML B	0.70	0.67	0.97	0.95	0.62	0.70
ID ECSCI 42/230/300-1050 NFC ML G	0.70	0.67	0.97	0.95	0.62	0.70
ID ECSCI 42/230/300-1050 NFC SI W	0.70	0.67	0.97	0.95	0.62	0.70
ID ECSCI 42/230/300-1050 NFC SI B	0.70	0.67	0.97	0.95	0.62	0.70
ID ECSCI 42/230/300-1050 NFC SI G	0.70	0.67	0.97	0.95	0.62	0.70
ID ECSCI 42/230/300-1050 NFC IN W	0.70	0.67	0.97	0.95	0.62	0.70
ID ECSCI 42/230/300-1050 NFC IN B	0.70	0.67	0.97	0.95	0.62	0.70
ID ECSCI 42/230/300-1050 NFC IN G	0.70	0.67	0.97	0.95	0.62	0.70
XZ-QR40B-400120-E1	0.52	0.52	0.51	1.96	0.52	0.52
XZ-QR40B-400120-E2	0.52	0.52	0.51	1.96	0.52	0.52
ID CCCB 44/230/300-1050 DALI FV1	1.00	0.99	0.73	1.00	1.04	1.00
ID CCCI 44/230/300-1050 DALI FV1	0.95	0.95	1.08	1.00	0.93	0.95
XZ-CH45B-420105-D	1.24	0.99	2.19	2.00	0.78	1.24
ID CCCB 60/230/700-1500 DT8 NFC FV1	1.51	1.49	1.09	1.36	1.56	1.51
RD ECSCB 60/230/800-1400 DIP	0.98	0.90	0.27	2.73	1.01	0.98
ID ECSCB 60/230/750-1500 DALI DIP	1.57	1.53	0.95	1.36	1.63	1.57
CU EPA 60-24 BLE 5H	0.88	0.88	0.91	1.36	0.87	0.88
CU EPA 60-24 DALI 5H	0.88	0.88	0.91	1.36	0.87	0.88
CU EPA 60-24 DMX 5H	0.88	0.88	0.91	1.36	0.87	0.88
ID ECSCB 75/230/150-1050 D4i NFC OUT	2.37	2.27	1.15	1.70	2.46	2.37
ID ECSCB 75/230/150-1050 NFC OUT	2.25	2.17	1.15	3.41	2.34	2.25
CU-DT6-24-80-220...240-CH	1.17	1.17	0.96	1.82	1.20	1.17
CU-DT8-24-80-220...240-TW	1.18	1.18	1.01	1.82	1.21	1.18

ID ECSCB 110/230/150-1050 D4i NFC OUT	3.39	3.24	1.57	2.50	3.53	3.39
ID ECSCB 110/230/150-1050 NFC OUT	3.13	3.01	1.57	5.00	3.26	3.13
CU-DT6-24-160-220...240-CH	1.82	1.81	1.49	3.64	1.86	1.82
CU-DT8-24-160-220...240-TW	1.83	1.82	1.49	3.64	1.88	1.83
ID ECSCB 165/230/150-1050 D4i NFC OUT	3.39	3.25	1.61	3.75	3.53	3.39
ID ECSCB 165/230/150-1050 NFC OUT	3.13	3.02	1.61	7.50	3.26	3.13
ID ECSCB 200/230/150-1050 D4i NFC OUT	4.59	4.42	2.32	4.55	4.78	4.59
ID ECSCB 200/230/150-1500 NFC OUT	4.33	4.18	2.32	9.09	4.50	4.33
CU-DT6-24-240-200...240-CH	3.04	2.95	1.72	5.45	3.16	3.04
CU-DT8-24-240-200...240-TW	3.04	2.95	1.72	5.45	3.16	3.04
ID ECSCI 28/230/100-700 DIP W	0.96	0.73	1.73	1.27	0.56	0.96
ID ECSCI 28/230 100-700 DIP B	0.96	0.73	1.73	1.27	0.56	0.96
ID ECSCI 28/230/100-700 DIP G	0.96	0.73	1.73	1.27	0.56	0.96
ID ECSCI 28/230/100-700 DALI NFC W	1.39	1.02	2.50	0.64	0.77	1.39
ID ECSCI 28/230/100-700 DALI NFC B	1.39	1.02	2.50	0.64	0.77	1.39
ID ECSCI 28/230/100-700 DALI NFC G	1.39	1.02	2.50	0.64	0.77	1.39
ID ECSCI 42/230/300-1050 DIP W	0.97	0.74	1.73	1.91	0.57	0.97
ID ECSCI 42/230/300-1050 DIP B	0.97	0.74	1.73	1.91	0.57	0.97
ID ECSCI 42/230/300-1050 DIP G	0.97	0.74	1.73	1.91	0.57	0.97
ID ECSCI 42/230/300-1050 DALI NFC W	1.39	1.03	2.50	0.95	0.77	1.39
ID ECSCI 42/230/300-1050 DALI NFC B	1.39	1.03	2.50	0.95	0.77	1.39
ID ECSCI 42/230/300-1050 DALI NFC G	1.39	1.03	2.50	0.95	0.77	1.39
ID ECSCB 60/230/700-1500 DT6 NFC	1.15	1.15	1.09	1.36	1.16	1.15

Note: The extrapolation coefficients are intended at product level (declared unit) and not atfunctional 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 coefficien	Weight of product	Weight of packaging (g)

				t	(g)	
ID CCCB 44/230/500-1050 DT8 NFC FV1	44.00	89.00	DALI-2 PUSH Dimming	0.50	198.30	34.03
ID DALI BUS070 FV1	1.12	60.00	DALI Dimming	0.50	20.50	6.28
ID DALI BUS100 FV1	1.60	62.00	DALI Dimming	0.50	20.40	6.28
XZ-QB06D-400013-E	5.20	77.00	/	1.00	46.00	12.02
XZ-QB06D-400015-E	6.00	77.00	/	1.00	45.30	12.02
XZ-YL09D-420018-B	7.20	85.00	/	1.00	60.30	14.56
XZ-YL09D-420018-D	7.20	84.00	/	1.00	61.40	14.56
XZ-CH08B-420017-D	7.30	77.00	/	1.00	106.00	19.03
XZ-QB08D-400020-E	8.00	77.50	/	1.00	40.60	12.02
XZ-QF10B-400025	10.00	82.00	/	1.00	38.70	12.02
XZ-QB10D-400025-E	10.00	81.00	/	1.00	38.70	12.02
ID ECSCI 10/230/100-250 DIP	10.00	84.00	/	1.00	49.80	12.02
ID ECSCI 10/230/100-250 DALI DIP	10.00	84.00	DALI-2 PUSH Dimming	0.50	78.90	14.52
XZ-YL09D-270040-B	10.80	83.00	/	1.00	59.80	14.52
XZ-YL09D-270040-D	10.80	83.00	/	1.00	62.20	14.52
RD CCCI 12/230/100-450 DT6 DIP FV1	12.00	84.50	DALI-2 PUSH Dimming	0.50	70.70	14.60
RD CCCI 12/230/350-700 DT8 DIP FV1	12.00	81.50	DALI-2 PUSH Dimming	0.50	72.80	14.60
RD CCCI 12/230/100-450 DT8 DIP FV1	12.00	84.50	DALI-2 PUSH Dimming	0.50	73.10	14.60
RD CCCI 12/230/350-700 DT6 DIP FV1	12.00	81.50	DALI-2 PUSH Dimming	0.50	70.70	14.60
XZ-QB12D-400030-E	12.00	82.00	/	1.00	42.90	12.02

ID ECSCB 14/230/100-550 D4i NFC OUT	14.00	87.00	DALI-2 Dimming	0.50	183.60	38.79
XZ-QF15B-400035	14.00	82.00	/	1.00	39.40	12.02
XZ-QB13D-380035-E	14.00	83.00	/	1.00	55.50	12.02
ID ECSCB 14/230/100-550 NFC OUT	14.00	87.00	/	1.00	220.40	38.79
XZ-CH15B-420035-D	14.70	85.00	/	1.00	107.30	19.03
ID CCCI 15/230/100-450 DALI FV1	15.00	85.00	DALI-2 PUSH Dimming	0.50	78.80	12.80
ID ECSCB 15/230/150-550 DALI NFC	15.00	87.00	DALI-2 PUSH Dimming	0.50	77.60	73.12
XZ-YL16D-400040-B	16.00	87.50	/	1.00	68.10	14.52
XZ-YL16D-400040-D	16.00	87.50	/	1.00	70.90	14.52
XZ-QF24B-400045	18.00	83.00	/	1.00	40.50	12.02
XZ-QB24D-400045-E	18.00	87.00	/	1.00	51.70	12.02
ID CCCB 20/230/150-500 DT8 NFC FV1	20.00	84.00	DALI-2 PUSH Dimming	0.50	137.30	17.38
RD CCCI 20/230/350-700 DT8 DIP FV1	20.00	85.50	DALI-2 PUSH Dimming	0.50	81.00	14.60
RD CCCI 20/230/350-700 DT6 DIP FV1	20.00	85.00	DALI-2 PUSH Dimming	0.50	80.00	14.60
XZ-QB24D-400050-E	20.00	87.50	/	1.00	52.20	12.02
XZ-QB24D-400055-E	22.00	87.00	/	1.00	52.20	12.02
XZ-QB24D-360060-E	21.60	86.00	/	1.00	52.20	12.02
ID ECSCB 24/230/150-1050 D4i NFC OUT	24.00	88.50	DALI-2 Dimming	0.50	183.60	38.79
XZ-YL24B-400060-B	24.00	87.50	/	1.00	81.10	14.52
XZ-YL24B-400060-D	24.00	87.50	/	1.00	83.60	14.52
ID ECSCB 24/230/150-1050 NFC OUT	24.00	88.50	/	1.00	221.00	38.79
XZ-CH26B-420060-D	25.20	83.00	/	1.00	112.00	19.03
ID ECSCB 28/230/150-700 DALI NFC	28.00	90.00	DALI-2 PUSH Dimming	0.50	150.80	17.82
ID CCCB 28/230/150-700 DALI FV1	28.00	88.00	DALI-2	0.50	159.80	24.73

			PUSH Dimming			
RD ECSCB 28/230/100-700 DIP	28.00	88.00	/	1.00	149.30	15.35
ID ECSCB 28/230/150-700 BH21 NFC CS	28.00	90.00	Bluetooth Dimming	0.50	146.80	14.29
ID ECSCB 28/230/150-700 BH21 NFC MM	28.00	90.00	Bluetooth Dimming	0.50	146.80	14.29
ID ECSCB 28/230/150-700 BH21 NFC ML	28.00	90.00	Bluetooth Dimming	0.50	146.80	14.29
ID ECSCB 28/230/150-700 BH21 NFC SI	28.00	90.00	Bluetooth Dimming	0.50	146.80	14.29
ID ECSCB 28/230/150-700 BH21 NFC IN	28.00	90.00	Bluetooth Dimming	0.50	146.80	14.29
ID ECSCI 28/230/100-700 NFC CS W	28.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 28/230/100-700 NFC CS B	28.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 28/230/100-700 NFC CS G	28.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 28/230/100-700 NFC MM W	28.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 28/230/100-700 NFC MM B	28.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 28/230/100-700 NFC MM G	28.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 28/230/100-700 NFC ML W	28.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 28/230/100-700 NFC ML B	28.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 28/230/100-700 NFC ML G	28.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 28/230/100-700 NFC SI W	28.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 28/230/100-700 NFC SI B	28.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 28/230/100-700 NFC SI G	28.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 28/230/100-700 NFC IN W	28.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 28/230/100-700 NFC IN B	28.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 28/230/100-700 NFC IN G	28.00	89.00	Bluetooth Dimming	0.50	123.20	33.11

ID CCCB 30/230/350-850 DT8 NFC FV1	30.00	88.00	DALI-2 PUSH Dimming	0.50	176.40	34.36
ID CCCI 30/230/400-750 DALI FV1	30.00	88.00	DALI-2 PUSH Dimming	0.50	109.30	19.86
XZ-QM30B-400075	30.00	91.00	/	1.00	58.10	14.11
XZ-LT30B-400070-D30	30.00	91.00	/	1.00	89.40	13.82
XZ-QR30B-400075-A	30.00	88.00	/	1.00	92.90	17.05
XZ-QR30B-400075-B22	30.00	87.50	/	1.00	91.30	17.05
XZ-CH35B-420080-D	33.60	84.00	/	1.00	148.90	74.61
XZ-YL36B-400090-B	36.00	88.50	/	1.00	86.60	14.52
XZ-YL36B-400090-D	36.00	88.50	/	1.00	88.40	14.52
ID CCCB 38/230/500-900 DALI FV1	37.80	88.00	DALI-2 PUSH Dimming	0.50	177.90	24.73
ID CCCB 40/230/300-1050 BH30 NFC FV1	40.00	88.50	Bluetooth Dimming	0.50	169.50	29.58
ID CCCB 40/230/300-1050 DALI FV1	40.00	89.00	DALI-2 PUSH Dimming	0.50	175.30	24.73
ID CCCB 40/230/150-1050 DALI NFC FV1	40.00	89.00	DALI-2 PUSH Dimming	0.50	112.00	16.85
ID CCCI 40/230/300-1050 DALI DIP FV1	40.00	89.00	DALI-2 PUSH Dimming	0.50	210.10	36.70
ID ECSCB 40/230/150-1050 D4i NFC OUT	40.00	90.00	DALI-2 Dimming	0.50	206.00	38.79
RD CCCI 40/230/700-1050 DT8 DIP FV1	40.00	89.00	DALI-2 PUSH Dimming	0.50	122.40	18.54
RD CCCI 40/230/700-1050 DT6 DIP FV1	40.00	89.00	DALI-2 PUSH Dimming	0.50	117.40	18.54
XZ-QH40B-400105-AB95	40.00	88.50	/	1.00	151.60	36.92
XZ-QH40B-400105-A-AB24	40.00	88.50	/	1.00	153.70	36.92

XZ-QH40B-500080-A-AB21	40.00	89.00	/	1.00	154.80	36.92
CU-DT6-24-40-220...240-CH	40.00	87.50	DALI-2, Push Dimming	0.50	169.20	31.44
CU-DT8-24-40-220...240-TW	40.00	87.50	DALI-2, Push Dimming	0.50	170.90	29.75
XZ-YL40B-400105-B	40.00	88.50	/	1.00	104.30	17.18
XZ-YL40B-400105-D	40.00	88.50	/	1.00	107.00	17.18
ID ECSCB 40/230/150-1050 NFC OUT	40.00	90.00	/	1.00	222.50	38.79
ID ECSCB 40/230/150-1050 D4i NFC	40.00	92.00	DALI Dimming	0.50	189.80	41.25
ID ECSCB 42/230/300-1050 DALI NFC	42.00	92.00	DALI-2 PUSH Dimming	0.50	155.90	17.82
RD ECSCB 42/230/300-1050 DIP	42.00	92.00	/	1.00	155.00	15.35
RD ECSCB 42/230/700-1050 DIP	42.00	93.00	/	1.00	136.00	15.35
XZ-QM40B-400105	42.00	92.00	/	1.00	59.80	14.11
XZ-LT40B-400105-D63	42.00	92.00	/	1.00	91.80	13.82
XZ-QR40B-400105-A	42.00	88.00	/	1.00	91.50	17.50
XZ-QR40B-400105-B50	42.00	88.00	/	1.00	94.40	17.50
XZ-QR40B-400105-D06	42.00	88.00	/	1.00	95.40	17.50
ID ECSCB 42/230/300-1050 BH21 NFC TW CS	42.00	89.00	Bluetooth Dimming	0.50	202.80	27.75
ID ECSCB 42/230/300-1050 BH21 NFC TW MM	42.00	89.00	Bluetooth Dimming	0.50	202.80	27.75
ID ECSCB 42/230/300-1050 BH21 NFC TW ML	42.00	89.00	Bluetooth Dimming	0.50	202.80	27.75
ID ECSCB 42/230/300-1050 BH21 NFC TW SI	42.00	89.00	Bluetooth Dimming	0.50	202.80	27.75
ID ECSCB 42/230/300-1050 BH21 NFC TW IN	42.00	89.00	Bluetooth Dimming	0.50	202.80	27.75
ID ECSCB 42/230/300-1050 BH21 NFC CS	42.00	92.00	Bluetooth Dimming	0.50	153.00	18.95
ID ECSCB 42/230/300-1050 BH21 NFC MM	42.00	92.00	Bluetooth Dimming	0.50	153.00	18.95
ID ECSCB 42/230/300-1050 BH21 NFC ML	42.00	92.00	Bluetooth Dimming	0.50	153.00	18.95
ID ECSCB 42/230/300-1050 BH21 NFC SI	42.00	92.00	Bluetooth Dimming	0.50	153.00	18.95

ID ECSCB 42/230/300-1050 BH21 NFC IN	42.00	92.00	Bluetooth Dimming	0.50	153.00	18.95
ID ECSCI 42/230/300-1050 NFC CS W	42.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 42/230/300-1050 NFC CS B	42.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 42/230/300-1050 NFC CS G	42.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 42/230/300-1050 NFC MM W	42.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 42/230/300-1050 NFC MM B	42.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 42/230/300-1050 NFC MM G	42.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 42/230/300-1050 NFC ML W	42.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 42/230/300-1050 NFC ML B	42.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 42/230/300-1050 NFC ML G	42.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 42/230/300-1050 NFC SI W	42.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 42/230/300-1050 NFC SI B	42.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 42/230/300-1050 NFC SI G	42.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 42/230/300-1050 NFC IN W	42.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 42/230/300-1050 NFC IN B	42.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
ID ECSCI 42/230/300-1050 NFC IN G	42.00	89.00	Bluetooth Dimming	0.50	123.20	33.11
XZ-QR40B-400120-E1	43.20	89.00	/	1.00	103.30	17.50
XZ-QR40B-400120-E2	43.20	89.00	/	1.00	103.40	17.50
ID CCCB 44/230/300-1050 DALI FV1	44.10	89.00	DALI-2 PUSH Dimming	0.50	205.70	24.73
ID CCCI 44/230/300-1050 DALI FV1	44.10	88.00	DALI-2 PUSH Dimming	0.50	184.30	36.70
XZ-CH45B-420105-D	44.10	85.00	/	1.00	155.40	74.61
ID CCCB 60/230/700-1500 DT8 NFC FV1	60.00	90.00	DALI-2 PUSH	0.50	310.00	37.14

			Dimming			
RD ECSCB 60/230/800-1400 DIP	60.00	93.00	/	1.00	200.80	9.34
ID ECSCB 60/230/750-1500 DALI DIP	60.00	90.00	DALI-2 PUSH Dimming	0.50	323.00	32.49
CU EPA 60-24 BLE 5H	60.00	89.00	Bluetooth Dimming	0.50	172.80	30.84
CU EPA 60-24 DALI 5H	60.00	89.00	DALI-2 PUSH Dimming	0.50	172.80	30.84
CU EPA 60-24 DMX 5H	60.00	89.00	DMX Dimming	0.50	172.80	30.84
ID ECSCB 75/230/150-1050 D4i NFC OUT	75.00	92.50	DALI-2 Dimming	0.50	488.40	39.07
ID ECSCB 75/230/150-1050 NFC OUT	75.00	92.50	/	1.00	464.80	39.07
CU-DT6-24-80-220...240-CH	80.00	89.00	DALI-2, Push Dimming	0.50	238.60	32.77
CU-DT8-24-80-220...240-TW	80.00	89.00	DALI-2, Push Dimming	0.50	239.60	34.46
ID ECSCB 110/230/150-1050 D4i NFC OUT	110.00	93.00	DALI-2 Dimming	0.50	700.10	53.26
ID ECSCB 110/230/150-1050 NFC OUT	110.00	93.00	/	1.00	646.60	53.26
CU-DT6-24-160-220...240-CH	160.00	92.50	DALI-2, Push Dimming	0.50	369.60	50.62
CU-DT8-24-160-220...240-TW	160.00	92.50	DALI-2, Push Dimming	0.50	372.70	50.62
ID ECSCB 165/230/150-1050 D4i NFC OUT	165.00	94.00	DALI-2 Dimming	0.50	700.10	54.88
ID ECSCB 165/230/150-1050 NFC OUT	165.00	94.00	/	1.00	646.60	54.88
ID ECSCB 200/230/150-1050 D4i NFC OUT	200.00	94.00	DALI-2 Dimming	0.50	947.00	78.97
ID ECSCB 200/230/150-1500 NFC OUT	200.00	94.00	/	1.00	893.10	78.97
CU-DT6-24-240-200...240-CH	240.00	89.00	DALI-2 PUSH Dimming	0.50	626.40	58.58

CU-DT8-24-240-200...240-TW	240.00	92.50	DALI-2 PUSH Dimming	0.50	626.40	58.58
ID ECSCI 28/230/100-700 DIP W	28.00	90.00	/	1.00	111.30	58.77
ID ECSCI 28/230 100-700 DIP B	28.00	90.00	/	1.00	111.30	58.77
ID ECSCI 28/230/100-700 DIP G	28.00	90.00	/	1.00	111.30	58.77
ID ECSCI 28/230/100-700 DALI NFC W	28.00	90.00	DALI-2 PUSH Dimming	0.50	151.90	85.12
ID ECSCI 28/230/100-700 DALI NFC B	28.00	90.00	DALI-2 PUSH Dimming	0.50	151.90	85.12
ID ECSCI 28/230/100-700 DALI NFC G	28.00	90.00	DALI-2 PUSH Dimming	0.50	151.90	85.12
ID ECSCI 42/230/300-1050 DIP W	42.00	90.00	/	1.00	113.50	58.77
ID ECSCI 42/230/300-1050 DIP B	42.00	90.00	/	1.00	113.50	58.77
ID ECSCI 42/230/300-1050 DIP G	42.00	90.00	/	1.00	113.50	58.77
ID ECSCI 42/230/300-1050 DALI NFC W	42.00	90.00	DALI-2 PUSH Dimming	0.50	153.40	85.12
ID ECSCI 42/230/300-1050 DALI NFC B	42.00	90.00	DALI-2 PUSH Dimming	0.50	153.40	85.12
ID ECSCI 42/230/300-1050 DALI NFC G	42.00	90.00	DALI-2 PUSH Dimming	0.50	153.40	85.12
ID ECSCB 60/230/700-1500 DT6 NFC	60.00	90.00	DALI-2 PUSH Dimming	0.50	231.00	37.14