



**Łukasiewicz- IMiF PREDOM**  
**Division**  
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**02-255 WARSAW, POLAND**

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Signify Poland Sp. z o.o. O/Kętrzyn  
 ul. Chrobrego 8, 11-400 Kętrzyn, Poland

**For the products:** *Dla wyrobów:*

**Luminaires for road and street lighting** *Oprawy oświetleniowe drogowe i uliczne*

**Manufacturing place:** *Miejsce Produkcji*

Signify Poland Sp. z o.o. O/Kętrzyn  
 ul. Chrobrego 8, 11-400 Kętrzyn, Poland

**Trade name:** *Znak towarowy:*

PHILIPS

**Type(s)/Model(s):** *Typ(y), model(e):*

**UniStreet gen2 BGP280 / BGP281 / BGP282 / BGP283 / BGP284;**  
**LumiStreet gen2 BGP290 / BGP291 / BGP292 / BGP293 / BGP294;**  
**LumiStreet Pro gen2 BGP390 / BGP391 / BGP392 / BGP393 / BGP394...II...- series**

*Technical data/ Dane Techniczne: 220 - 240V, 50/60Hz, IP66, IK08/IK09, cl.II – details in the Appendix/Szczegóły w Załączniku*

**Complying with the following European Standards:** *Zgodnymi z następującymi normami europejskimi*

EN 60598-2-3:2003; EN 60598-2-3:2003/A1:2011  
 EN 60598-1:2015; EN 60598-1:2015/ A1:2018; EN 62262:2002

*(the test reports/ raporty z badań: Z7-3/153/B/21+ Att. (EU GD and ND ref. No. Z7-3/153/B/1/21) dated 28.09.2021; Z7-3/153/B/21/M1+ Att. (EU GD and ND ref. No. Z7-3/153/B/1/21/M1) dated 12.01.2022; Z7-3/153/B/21/M2+ Att. (EU GD and ND ref. No. Z7-3/153/B/1/21/M2) dated 27.05.2022; Z7-3/153/B/21/M2/A1 + Att. (EU GD and ND ref. No. Z7-3/153/B/1/21/M2/A1) dated 21.07.2022; Z7-3/153/B/21/M3+ Att. (EU GD and ND ref. No. Z7-3/153/B/1/21/M3) dated 07.11.2022; Z7-3/220/II/B/21 dated 29.12.2021; Z7-3/221/II/B/21 dated 29.12.2021 carried out by the Testing Laboratory Łukasiewicz-IMiF PREDOM Division (Accreditation PCA AB 003).*

**Note: This licence/certificate has been issued because the products modifications: Added a new version of the housing. The selection sheet, configuration system list and new components have been added.**

*Uwaga: Niniejsza licencja została wydana ponieważ wyroby zostały zmodyfikowane. Dodano nową wersję obudowy. Zmodyfikowano arkusz wyboru, listę konfiguracji system, dodano nowe komponenty.*

**This licence/certificate replaces the licence/ certificate**

*Niniejsza licencja/certyfikat zastępuje licencję/certyfikat: 0265/ENEC/21/M2/A1 dated/ z dnia 21-07-2022.*

**Date:** *Data* 08-11-2022

**Signatures:**

**Name:**

Józef Foks

Filip Walczak

**Position:**

Certification Office

Leader of the Łukasiewicz-  
 IMiF PREDOM Division

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**Additional information – see the Appendix.**

*Dodatkowe informacje – patrz Załącznik.*

Name and address of the license holder:	Signify Poland Sp. z o.o., O/Kętrzyn, ul. Chrobrego 8, 11-400 Kętrzyn, Poland
Address of the factory:	Signify Poland Sp. z o.o., O/Kętrzyn, ul. Chrobrego 8, 11-400 Kętrzyn, Poland
Name of product:	Luminaires for road and street lighting
Type (model):	UniStreet gen2 BGP280 / BGP281 / BGP282 / BGP283 / BGP284; LumiStreet gen2 BGP290 / BGP291 / BGP292 / BGP293 / BGP294; LumiStreet Pro gen2 BGP390 / BGP391 / BGP392 / BGP393 / BGP394...II...- series (see below)
Trade mark :	PHILIPS
Technical data:	
rated voltage	~220-240V
rated current	max. 1.1A
rated frequency	50/60Hz
number of lamps	6 – 180 LEDs
type of lamp	LED
protection against electric shock	class II
degree of protection	IP 66, IK08, IK09
classification of the luminaires, with respect to the supporting material	normal
mains connections	connector
ta	-40...+50°C – For luminaires not equipped with GPRS, RF antenna, Line Switch DALI and Photocell -30...+50°C – For luminaires equipped with GPRS antenna but without Photocell and Line Switch DALI -20...+50°C – For luminaires equipped with Photocell, Line Switch DALI

Choice sheet of the luminaires UniStreet gen2 BGP280 / BGP281 / BGP282 / BGP283 / BGP284, LumiStreet gen2 BGP290 / BGP291 / BGP292 / BGP293 / BGP294 and LumiStreet Pro gen2 BGP390 / BGP391 / BGP392 / BGP393 / BGP394...II...-series:

Example of symbol:

BGP281 LW10 LED120-4S/740 PSU II DM 7045 MSP DDF1 D11 CTG-DGR SRG10 3183Y-3x0,75 B 48/60S PLS CT CEE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

Designations used on the marking of luminaires (some designation may not appear in the name) :

1. BGP281	- Code of the serie/size (Nano:280,290,390; Micro: 281,291,391; Mini:282,292,392; Medium: 283,293,393; Large: 284,294,394)
2. LW10	- LightWave (GPRS) option LW10: telemanagement option with 10 years contract LW5: telemanagement option with 5 years contract LW1: telemanagement option with 1 year contract LWCO: telemanagement option with signed service contract LWFP: telemanagement option without contract
3. LED6	- LEDGINE flux(x100) [lumen] range: from LED6 to LED490
4. 4S	- Ledgine generation 4S, 1F when missing latest version applied
5. 757,740,830,420,518,610, 722,727,730, 840	- LEDGINE version/color – CRI>70 - CW 5700K, NW 4000K, WW 2200K, WW 2700K, WW 3000 , CRI>80 - WW 3000K, Clearstar NW 4000K, Clearstar WW 3000K , Clearfield,
6. PSD	- Driver type : - PSU - Standard (non Dimmable) - PSUE - Non dimmable driver Economy (no LR/LC) - PSR - Dimmable driver 1-10V - PSD - Dimmable driver DALI - PSA - Dimmable driver AmpDim - PSDD - Dimmable driver Dynadim integrated - PSDDE - Dimmable driver Economy with Dynadim integrated - PSM - Power supply unit with coded mains interface - PSD-SR - Power supply unit with DALI and SystemReady interface
7. II	- Safety Class II
8. DM	- Optic DMxx, DNxx, DWxx, DSxx, DPLxx, DPRxx, BLxx, DRMx, DRNx, DXxx, DRXNx, – Road light distribution
9.	Optical louvers: - "blank field" for No louvers - BL1 Limited backlight cut-off - BL2 Sharp backlight cut-off - BL3 -backlight cut-off - FL1 Louver for limited backlight cut-off Ledgine Flexible - FL2 Louver for sharp backlight cut-off Ledgine flexible

10.	- Optical cover: - "blank field" for Flat glass/ extra clear - FG- XW- Extra clear glass with white mask - FG- X Extra clear glass
11. xxxx/xx-xxxx	- RAL Colour, Colour Choice AKZO, British standard colours, GR, DGR
12. MSP	- Marine salt protected coating
13. Dxx	- Light control Dxx,DDFxx,, LS-XX CLOxx – Different light settings (dimming time, communication type, constant light output ect) <b>ex1</b> . D9 –Dimming with external communication with DALI, <b>ex2</b> : CLO-DDF3- Dynadimmer with fixed presets version with CLO, CM4 - coded mains CM4
14. D11	- Light regulation: D9: External dimming Dali D11: Line Switch through switch OFF D12: Line Switch through switch ON D13: Mains Dimming D18: Dynadimmer integrated (PSDD) D24: DynaDimmer int. DALI unprog. D28: Dimming via coded mains voltage D31: Mains voltage dim and ext. con. DALI D32: Coded mains voltage and ext. con. DALI D33: Dimming via DALI, Aux prepared on terminal block
15. CTG-DGR	- IACZ-4-xxx InterAct City Connect app- LightWave different programing options (programable) IACZ-RF-xxx InterAct City RF IACN7-4-xxx - InterAct City GPRS node Nema IACN7-RF-xxx - InterAct City RF node Nema Socket: P1,P1-CP, P1-M-CP; P1-3; P1-3-CP, P1-3-3; P1-3-3-CP, P1-M, P1-5, P1-5 CP, P1-7, P1-7 CP, P1-7-7, P1-7-7-CP, P1-7-5, P1-7-5-CP, P1-5-5, P1-5-5-CP PZO-20, SRT, SRB, PSC, Sensor: PZC-35-0.5, PZC-55-0.5, PZC-70-0.5, PSC-35, PSC-55, PSC-70, CTGO-DGR, CTGO-35-DGR, CTGO-55-DGR, CTGO-70-DGR, CTGO-LGR, CTGO-35-LGR, CTGO-55-LGR, CTGO-70-LGR, CTGO-AC-LGR, CTGN-LGR, CTGN-35-LGR, CTGN-55-LGR, CTGN-70-LGR, CTGN-AC-LGR, EZR, WST2, WST7 OSB- Outdoor sensor bundle (bottom socket)
16. SRG10	- STD- min. 6kV differential and common mode STDE - min. 6kV differential and common mode + electro static discharge protection (bleeder resistors) SRG10 - Surge protection level until 10kV (differential and common mode) SRG10E - Surge protection level until 10kV (differential and common mode) + electro static discharge protection (bleeder resistors) SDM10 - Surge protection level until 10kV (differential mode only) SDM10E - Surge protection level until 10kV (differential mode only) + electro static discharge protection (bleeder resistors)
17. 3183Yxx/H07RN-Yx	- POWER CABLE H05-VV 3/5X...m in wide range of length (0,75;1,5; 2,5 mm2), POWER CABLE H07RN in wide range of length where Y is 2,3,4 or 5 core, cable types: H05VV-F, S05Z1Z1-R, H05RR-F, H07RN-F, H07BQ-F, H05VV-F Arctic, H05VV-U, RTPR with different length and finishing
18. B	- Cable finish: - - Standard ( no cable insulated ) B - Protective earth wire insulated D - Gray wire insulated L - Protective earth wire, gray wire and black wire insulated H - Line wire black and protective earth wire insulated J - Line wire black, protective earth wire and gray wire insulated M - Line wire black, protective earth wire, gray wire and brown wire insulated
19. 32/60S	- Spigot type: Side Entry : 32/48S, 48/60S,76S, 32/76S, 48/76S, 32/60S Post Top: 32/48P, 48/60P, 76P, 32/76P, 48/76P, 32/60P
20. PLS	- Gear Tray Material: PLS -Plastic gearplate MTL- Driver spring
21. CT	- Type of packaging – carton box CT- Carton box BWP- Multipack
22. CEE	- Special Project: CEE- Housing with European Orgin REG- LC005/REG POLE CAP- Pole cap RAL7035 for post top



LED's and electronic led driver system	PCB LED	Driver	Current
<p>LEDxxx Example: LED6 - 600lm LED8 - 800lm LED10 - 1000lm LED16 - 1600lm LED20 - 2000lm LED25 - 2500lm LED30 - 3000lm LED35 - 3500lm LED40 - 4000lm LED45 - 4500lm LED50 - 5000lm LED54 - 5400lm LED59 - 5900lm LED60 - 6000lm LED64 - 6400lm LED69 - 6900lm LED74 - 7400lm LED79 - 7900lm LED90 - 9000lm LED120 - 12000lm LED139 - 13900lm ... LED490 - 49000lm</p>	<p>PCBA LDGOSQ1 0 MICRO 006 OS3H1-18 740 PCBA LDGOSQ1 0 MICRO 006 OS3H2-17 830 PCBA LDGOSQ1 0 MICRO 006 OS3H2-17 757 PCBA LDGOSQ1 0 MICRO 010 OS3H1-18 740 PCBA LDGOSQ1 0 MICRO 010 OS3H1-18 757 PCBA LDGOSQ1 0 MICRO 020 OS3H1-18 740 PCBA LDGOSQ1 0 MICRO 020 OS3H1-18 757 PCBA LDGOSQ1 0 MICRO 020 OS3H1-18 610 PCBA LDGOSQ1 0 MICRO 030 OS3H1-18 740 PCBA LDGOSQ1 0 MICRO 030 OS3H1-18 757 PCBA LDGOSQ1 0 MINI 040 OS3H1-18 740 PCBA LDGOSQ1 0 MINI 040 OS3H1-18 757 PCBA LDGOSQ1 0 MINI 040 OS3H1-18 610 PCB LUMA MICRO 10 OSLONG3 WW PCB LUMA MICRO 20 OSLONG3 WW PCB LUMA MINI 30 OSLONG3 WW PCB LUMA MINI 40 OSLONG3 WW PCBA LDGOSQ2 0 MICRO 06 O119H1 740 1 0 PCBA LDGOSQ2 0 MICRO 06 O118H1 830 1 0 PCBA LDGOSQ2 0 MICRO 06 O119H1 757 1 0 PCBA LDGOSQ2 0 MICRO 10 O119H1 740 1 0 PCBA LDGOSQ2 0 MICRO 10 O119H1 830 1 0 PCBA LDGOSQ2 0 MICRO 10 O119H1 757 1 0 PCBA LDGOSQ2 0 MICRO 20 O119H1 740 1 0 PCBA LDGOSQ2 0 MICRO 20 O118H1 830 1 0 PCBA LDGOSQ2 0 MICRO 20 O119H1 757 1 0 PCBA LDGOSQ2 0 MINI 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MICRO 20 SG21H2 730 1 0 PCBA LDGOSQ2 0 MINI 30 SG21H2 730 1 0 PCBA LDGOSQ2 0 MINI 40 SG21H2 730 1 0 PCBA LDGOSQ2 0 LARGE 50 SG21H2 730 1 0 PCBA LDGOSQ2 0 LARGE 60 SG21H2 730 1 0 PCBA LDGOSQ2 0 MICRO 06 SG21H2 830 1 0 PCBA LDGOSQ2 0 MICRO 10 SG21H2 830 1 0 PCBA LDGOSQ2 0 MICRO 20 SG21H2 830 1 0 PCBA LDGOSQ2 0 MINI 30 SG21H2 830 1 0 PCBA LDGOSQ2 0 MINI 40 SG21H2 830 1 0 PCBA LDGOSQ2 0 LARGE 50 SG21H2 830 1 0 PCBA LDGOSQ2 0 LARGE 60 SG21H2 830 1 0 LDG20S RXS 2424 13C16 2S 730 H22 LDG20S RXS 2424 13C16 2S 740 H22 LDG20S RXS 2424 13C16 2S 757 H22 LDG20S RXS 2424 13C16 2S 827 H22 LDG20S RXS 2424 13C16 2S 830 H22 LDG20S RXS 2424 13C16 2S 840 H22 LDG20S RXS 2424 13C24 2S 730 H22 LDG20S RXS 2424 13C24 2S 740 H22 LDG20S RXS 2424 13C24 2S 757 H22 LDG20S RXS 2424 13C24 2S 827 H22 LDG20S RXS 2424 13C24 2S 830 H22 LDG20S RXS 2424 13C24 2S 840 H22</p>	<p>Xi FP xxW xxxA xxxxx Example: Xi FP 22W 0.2-0.7A SNLDAE 230V S175 sXt Xi FP 40W 0.2-0.7A SNLDAE 230V S175 sXt Xi FP 75W 0.2-0.7A SNLDAE 230V S240 sXt Xi FP 110W 0.2-0.7A SNLDAE 230V C133 sXt Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt Xi FP 40W 0.2-0.7A SNLCDAE 230V S175 sXt Xi FP 75W 0.2-0.7A SNLCDAE 230V S240 sXt Xi FP 110W 0.2-0.7A SNLCDAE 230V C133 sXt Xi FP 150W 0.2-0.7A SNLCDAE 230V S240 sXt Xi SR 22W 0.2-0.7A SNEMP 230V C133 sXt Xi SR 40W 0.2-0.7A SNEMP 230V C133 sXt Xi SR 75W 0.2-0.7A SNEMP 230V S240 sXt Xi SR 110W 0.2-0.7A SNEMP 230V C150 sXt Xi SR 150W 0.2-0.7A SNEMP 230V S240 sXt Xi FP 150W 0.2-0.7A SNLCDAE 230V S240 sXt Xi FP 150W 0.3-1.0A SNLCDAE 230V S240 sXt Xi FP 40W 0.2-0.7A SNLCDAE 230V S175 sXt Xi FP 75W 0.2-0.7A SNLCDAE 230V S240 sXt Xi FP 75W 0.3-1.0A SNLCDAE 230V S240 sXt Xi FP 75W 0.2-0.7A SNLDAE 230V C133 sXt Xi FP 110W 0.2-0.7A SNLDAE 230V C133 sXt Xi LP 150W 0.2-0.7A S1 230V S240 sXt Xi BP 75W 0.2-0.7A S 230V C133 sXt Xi BP 110W 0.2-0.7A S 230V C133 SXT Xi LP 75W 0.2-0.7A S1 230V C133 sXt Xi LP 110W 0.2-0.7A S1 230V C133 sXt Xi FP 75W 0.3-1.0A SNLDAE 230V C133 sXt Xi SR 75W 0.3-1.0A SNEMP 230V C150 sXt Xi FP 110W 0.3-1.0A SNLDAE 230V C133 sXt Xi SR 110W 0.3-1.0A SNEMP 230V C150 sXt Xi BP 22W 0.2-0.7A S 230V C123 sXt Xi BP 40W 0.2-0.7A S 230V C123 sXt Xi LP 22W 0.2-0.7A S1 230V C123 sXt Xi LP 40W 0.2-0.7A S1 230V C123 sXt Xi FP 22W 0.2-0.7A SNLDAE 230V C123 sXt Xi FP 40W 0.2-0.7A SNLDAE 230V C123 SXT Xi LP 22W 0.2-0.7A S1 230V S175 sXt Xi LP 40W 0.2-0.7A S1 230V S175 sXt Xi LP 22W 0.3-1.0A S1 230V C123 sXt Xi LP 40W 0.3-1.0A S1 230V C123 sXt Xi FP 40W 0.3-1.0A SNLDAE 230V C123 sXt Xi SR 40W 0.3-1.0A SNEMP 230V C133 sXt <b>(40W – max power; 0.2 - 1.0A – operation current)</b></p>	<p>max.1,1A</p>



ANNEX 1		TABLE: Critical components information					P
Object / part No.	Co de	Manufacturer/ trademark	Type/Model	Technical data	Standard	Marks of conformity	
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi FP 22W 0.2-0.7A SNLDAE 230V S175 sXt	220-240V 50...60 Hz, 0.2-0.7A Tc=85 °	EN 61347-1, EN 61347-2-13	ENEC 05	
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi FP 40W 0.2-0.7A SNLADE 230V S175 sXt	220-240VAC, 0,21A, 50/60Hz	EN 61347-1, EN 61347-2-13	ENEC05	
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi FP 75W 0.2-0.7A SNLDAE 230V S240 sXt	220-240V 50...60 Hz, 0.2-0.7A Tc=85 °	EN 61347-1, EN 61347-2-13	ENEC 05	
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi FP 110W 0.2-0.7A SNLDAE 230V C133 sXt	220-240V 50...60 Hz, 0.2-0.7A Tc=85 °	EN 61347-1, EN 61347-2-13	ENEC 05	
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt	220-240V 50...60 Hz, 0.2-0.7A Tc=90 °	EN 61347-1, EN 61347-2-13	ENEC 05	
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi FP 40W 0.2 0.7A SNLDAE 230V S175 sXt	220-240V 50...60 Hz, 0.2-0.7A, Tc=85°	EN 61347-1 EN 61347-2-13	ENEC 05	
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi FP 75W 0.2-0.7A SNLDAE 230V S240 sXt	220-240V, 50...60 Hz, 0.2-0.7A, Tc=85°C	EN 61347-1 EN 61347-2-13	ENEC 05	
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi FP 110W 0.2-0.7A SNLDAE 230V C133 sXt	220-240V, 50...60 Hz, 0.2-0.7A, Tc=85°C	EN 61347-1 EN 61347-2-13	ENEC 05	
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt	220-240V, 50...60 Hz, 0.2-0.7A, Tc=85°C	EN 61347-1 EN 61347-2-13	ENEC 05	
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi SR 22W 0.2-0.7A SNEMP 230V C133 sXt	220-240V 50...60 Hz, 0.2-0.7A Tc=85°	EN 61347-1 EN 61347-2-13	ENEC 05	
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi SR 40W 0.2-0.7A SNEMP 230V C133 sXt	220-240VAC; 0,2-0,7A; 50/60Hz	EN 61347-1, EN 61347-2-13	ENEC05	
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi SR 75W 0.2-0.7A SNEMP 230V S240 sXt	220-240V 50...60 Hz, 0.2-0.7A Tc=90 °	EN 61347-1, EN 61347-2-13	ENEC05	
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi SR 110W 0.2-0.7A SNEMP 230V C150 sXt	220-240V 50...60 Hz, 0.2-0.7A Tc=90 °	EN 61347-1, EN 61347-2-13	ENEC05	
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi SR 150W 0.2-0.7A SNEMP 230V S240 sXt	220-240V 50...60 Hz, 0.2-0.7A Tc=90 °	EN 61347-1, EN 61347-2-13	ENEC05	
GPRS antenna	A	Philips	LLC7270 CityTouch OLC COM SR DG	15-24V, DC, Ta: -40...+60°C	EN61347	ENEC05	
GPRS antenna	A	Philips	LLC7271 CityTouch OLC COM SR LG	15-24V, DC, Ta: -40...+60°C	EN61347	ENEC05	
GPRS antenna	A	Philips	LLC7280 CityTouch Nema SR	15-24V, DC, swithing 100 480VAC; Ta: -40...+70°C	EN61347	ENEC05	
RF Antenna	A	PHILIPS	LLC7305/00 STARSENSE WIRELESS LS EU	220-240V,50-60Hz, -30...+65°C,Tc80°C	EN61347-2-11	ENEC05	
Multisensor	A	PHILIPS	LR18135/00 Outdoor Multisensor	24 Vdc, 15 mA, ta: -40 to 70°C	EN61347	ENEC05	
Photocell	B	Zodion	F6365-0001 Photocell Zodion	16V DC, IP66, Ta -20°C/+80°C	EN 61347-2-11 EN 61347-1	Tested and accepted by ITE PREDOM DIVISION report no. 27-2/020/B/20	
Photocell	B	Zodion	SS12C 35lux	-20°C, +75°C, 198 - 264 V	EN 61347-2-11	EUROFINS	
Photocell	B	Zodion	SS12C 55lux	-20°C, +75°C, 198 - 264 V	EN 61347-2-11	EUROFINS	
Photocell	B	Zodion	SS12C 70lux	-20°C, +75°C, 198 - 264 V	EN 61347-2-11	EUROFINS	
Wattstopper	A	LEGRAND	FDP-301SR-L7-TG	16mA, 12-20VDC, ta 75°C, tc 80°C	EN 61347-1 EN 61347-2-11 EN 62493:2015	ENEC 08	
Wattstopper	A	LEGRAND	FDP-301SR-L7-TG	DALI, 1-10V, 24VDC, -40 to 70°C	EN 61347-1 EN 61347-2-11 EN 62493:2015	ENEC 08	
Connector	B	Tyco electronics	Nema socket 7 PIN Class II 2213899-4	Max15A, max 480V	EN 61984:2009	UL	
Connector	B	Tyco electronics	2213899-3 Nema 5 Pin Socket	Max15A, max 480V	IEC 61984	UL	
Connector	A	Tyco electronics	2213858 - 1 SR connector	1.5A, 30V (typical 24V)	IEC60598	ENEC05	
Connector	B	Electro Terminal	Connector 500/5 SKII	0,5-2,5mm2, 16A/500V, T 85 °C	EN60998-2-1	VDE	
Connector	B	BJB	47.121 U303,80 Zhaga Book 18 Socket 4P	2A, 24V, T 100 °C	EN 61984	VDE	
Connector	B	Electro Terminal	K-CON VVV 5P M H SMT 88168353	0,5-2,5mm2, 24A/300V, T 85 °C	EN60598-1	ÖVE	
Connector	B	Electro Terminal	CON VVV 5P H PI 88167916	0,5-2,5mm2, 24A/300V, T 85 °C	EN60598-1	ÖVE	
Connector	B	Electro Terminal	CON VVV 5P H SMT 88167912	0,5-2,5mm2, 24A/300V, T 85 °C	EN60598-1	ÖVE	
Connector	B	O.M.T.	CON CS 3P F 0000013150	16A/400V, T 120 °C	EN 60598-1	CSV	

Connector	B	O.M.T.	CON CS 3P M 0000013113	16A/400V, T 120 °C	EN 60598-1	CSV
Connector	B	Tyco electronics	CON WW 3P F 2834055-1	- 40°C to 105°C, 3A - 9A, 600V	EN 60598-1	TÜV
Connector	B	Tyco electronics	CON WW 3P M 2834054-1	- 40°C to 105°C, 3A - 9A, 600V	EN 60598-1	TÜV
Connector	B	Tyco electronics	CON WW 2P F 1 2834049-1	- 40°C to 105°C, 3A - 9A, 600V	EN 60598-1	TÜV
Connector	B	Tyco electronics	CON WW 2P M 2834048-1	- 40°C to 105°C, 3A - 9A, 600V	EN 60598-1	TÜV
Connector	B	Tyco electronics	MATE-N-LOK Contact-M 350699-1	0,2 – 0,8 mm <sup>2</sup> , 5,5A	IEC 60512	UL
Connector	B	Tyco electronics	MATE-N-LOK Contact-F 350851-1	0,2 – 0,8 mm <sup>2</sup> , 5,5A	IEC 60512	UL
Connector	B	Tyco electronics	CS4PL-1-480702-0	600V, 120°C	IEC 60512	UL
Connector	B	Tyco electronics	CS4SO 1-480703-0	600V, 120°C	IEC 60512	UL
Connector	A	Colosio	M140MN/xx,	250 - 450V, IP68	EN 60998-1, EN60998-2-1, EN60529-1, EN60335	ENEC 03
Terminal block	B	BJB	46.411.7000.50	0,5-1mm <sup>2</sup> , 16A/450V	EN 60998 1, EN 60998-2-2	EAC CQC
SURGE PROTECTIVE DEVICE	B	CPT CIRPROTEC	NSS-10/230-D-LCF-P	I <sub>max</sub> 10kA, I <sub>n</sub> 5kA, Un 230V (50/60Hz), T <sub>a</sub> = -40°C to 80°C	EN 61643-11	CB
Surge Protective Device	B	CPT CIRPROTEC	SPD NSS-10/230-C4-WD	I <sub>max</sub> 10kA, I <sub>n</sub> 5kA, Un 230V (50/60Hz), T <sub>a</sub> = -40°C to 80°C	EN 61643-11	CB
Surge Protective Device	B	CPT CIRPROTEC	SPD NSS-10/230-C2-WD	I <sub>max</sub> 10kA I <sub>n</sub> 5kA, Un 230V (50/60Hz), U <sub>oc</sub> 10kV U <sub>c</sub> (L1-L2/PE) 420V U <sub>c</sub> (L1-L2) 320V T <sub>a</sub> : -40°C to 80°C	EN 61643-11	CB
Surge Protective Device	A	CIRPROTEC	SPD NSS-10/230-C2-PP	I <sub>max</sub> 10kA U <sub>oc</sub> 10kV I <sub>n</sub> 5kA	EN:61643-11	ENEC05
Surge Protective Device	A	CIRPROTEC	SPD NSS-10/230-C4-PP	I <sub>max</sub> 10kA U <sub>oc</sub> 10kV I <sub>n</sub> 5kA	EN:61643-11	ENEC05
Connector block	A	BJB	TERMINAL BLOCK BJB 46.411.7000.50	450V, 16A,	EN 60998-1 EN:60998-2-2	ENEC10
Fuse	B	ADELS	TB1SI OF FU-175201	250V 6,3A 1,6W	EN 60127-6, EN 60127-1	VDE
Wire	B	OMERIN	R6Y6YS	0,75mm <sup>2</sup> , 300/500V	DIN57250-106	VDE
Wire	B	NKT Cables	H05 V2-U 1x0,75mm <sup>2</sup>	0,75mm <sup>2</sup> , 300/500V	PN-EN 50525-2-31	BBJ
Cable for mains	B	PEC SO CAVI SRL	H05VV-F 5G1,5/3G1,5	1,5mm <sup>2</sup> , 300/500V	EN 50525-2-11	VDE
Cable for mains	B	PEC SO CAVI SRL	H05VV-F 5G2,5/3G2,5	2,5mm <sup>2</sup> , 300/500V	EN 50525-2-11	VDE
Cable for mains	B	PEC SO CAVI SRL	H05RR-F 5G1,5/3G1,5	1,5mm <sup>2</sup> , 300/500V	EN 50525-2-21, IEC 60245-4	VDE
Cable for mains	B	nkt	H05VV-F 5G1,5/3G1,5	1,5mm <sup>2</sup> , 300/500V	EN 50525-2-11	EZU
Cable for mains	B	nkt	H05VV-F 5G2,5/3G2,5	2,5mm <sup>2</sup> , 300/500V	EN 50525-2-11	EZU
Cable for mains	B	nkt	H05VV-U 5G1,5/3G1,5	1,5mm <sup>2</sup> , 300/500V	DIN VDE 0250-204	VDE
Cable for mains	B	XBK	H05VV-U 5G1,5/3G1,5	1,5mm <sup>2</sup> , 300/500V	DIN VDE 0250-204	VDE
Cable for mains	A	Nexans	H07RN-F 5G1/3G1	1mm <sup>2</sup> , 450/750V	EN 50525-2-21	HAR
Cable for mains	A	Nexans	H07RN-F 5G1,5/3G1,5	1,5mm <sup>2</sup> , 450/750V	EN 50525-2-21	HAR
Cable for mains	A	Nexans	H07RN-F 5G2,5/3G2,5	2,5mm <sup>2</sup> , 450/750V	EN 50525-2-21	HAR
Cable for mains	A	La Triventa Cavi SPA	H07RN-F 5G1/3G1	1mm <sup>2</sup> , 450/750V	IEC 60245-4 EN 50525-2-21	HAR
Cable for mains	A	La Triventa Cavi SPA	H07RN-F 5G1,5/3G1,5	1,5mm <sup>2</sup> , 450/750V	IEC 60245-4	HAR
Cable for mains	A	La Triventa Cavi SPA	H07RN-F 5G2,5/3G2,5	2,5mm <sup>2</sup> , 450/750V	IEC 60245-4	HAR
Cable for mains	B	HELUKABEL	H07RN-F 5G1,5/3G1,5	1,5mm <sup>2</sup> , 450/750V	IEC 60245-3	VDE
Cable for mains	A	General Cavi SPA	H07BQ-F 5G1,5/3G1,5	1,5mm <sup>2</sup> , 450/750V	EN 50525-2-21	HAR
Cable for mains	B	Elpar	H07RN-F 5G1/3G1	1mm <sup>2</sup> , 450/750V	EN 60228	VDE

Cable for mains	B	Elpar	H07RN-F 5G1,5/3G1,5	1,5mm2, 450/750V	EN 60228	VDE
Cable for mains	B	Elpar	H07RN-F 5G2,5/3G2,5	2,5mm2, 450/750V	EN 60228	VDE
Cable for mains	B	Elpar	H05VV-F 5G1,5/3G1,5	1,5mm2, 300/500V	EN 50525-2-11	VDE
Cable for mains	B	Elpar	H05VV-F 5G2,5/3G2,5	2,5mm2, 300/500V	EN 50525-2-11 IEC 60227-5	VDC
Cable for mains	B	Elpar	H07RN-F 3G2,5	2,5mm2, 450/750V	EN 60228	VDE
Cable for mains	A	ElettroBrescia	H07RN-F 5G1/3G1	1mm2, 450/750V	EN 50525-2-21	HAR
Cable for mains	A	ElettroBrescia	H07RN-F 5G1,5/3G1,5	1,5mm2, 450/750V	EN 50525-2-21	HAR
Cable for mains	A	ElettroBrescia	H07RN-F 5G2,5/3G2,5	2,5mm2, 450/750V	EN 50525-2-21	HAR
Cable for mains	A	ElettroBrescia	H05VV-F 5G1,5/3G1,5	1,5mm2, 300/500V	EN 50525-2-11	HAR
Cable for mains	B	ElettroBrescia	H05VV-F 5G2,5/3G2,5	2,5mm2, 300/500V	EN 50525-2-11	VDE
Cable for mains	B	ElettroBrescia	H05RR-F 5G1,5/3G1,5	1,5mm2, 300/500V	EN 50525-2-21	VDE
Cable for mains	B	CMK Cabo	H05VV-FP 5G1,5/3G1,5	1,5mm2, 300/500V	BS6004	BASEC
Cable for mains	B	CMK Cabo	H05VV-FP 3G2,5	2,5mm2, 300/500V	BS6004	BASEC
Cable for mains	B	Draka	XVB-F2-Cca 3G1,5/4G1,5	1,5mm2, 0,6/1 kV Cca-s3,d2,a3	HD 604 EN 50575 EN 13501-6	DEKRA
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 006 OS3H1-18 740	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 006 OS3H2-17 830	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 006 OS3H2-17 757	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 010 OS3H1-18 740	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 010 OS3H1-18 757	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 020 OS3H1-18 740	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 020 OS3H1-18 757	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 020 OS3H1-18 610	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 030 OS3H1-18 740	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 030 OS3H1-18 757	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MINI 040 OS3H1-18 740	0.7A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MINI 040 OS3H1-18 757	0.7A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MINI 040 OS3H1-18 610	0.7A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCB LUMA MICRO 10 OSLONG3 WW	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCB LUMA MICRO 20 OSLONG3 WW	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCB LUMA MINI 30 OSLONG3 WW	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCB LUMA MINI 40 OSLONG3 WW	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 06 O119H1 740 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 06 O118H1 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 06 O119H1 757 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 10 O119H1 740 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 10 O118H1 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 10 O119H1 757 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 O119H1 740 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 O118H1 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 O119H1 757 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 30 O119H1 740 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 30 O118H1 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 30 O119H1 757 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 40 O119H1 740 1.0	1.0A Tc85	IEC 62031	LCIE

PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 40 O118H1 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 40 O119H1 757 1.0	1.0A Tc85	IEC 62031	LCIF
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 O118H1 610 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 40 O118H1 610 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 06 O219H1 722 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 06 O219H1 727 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 06 HP18H1 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 10 O219H1 722 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 10 O219H1 727 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 10 HP18H1 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 O219H1 722 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 O219H1 727 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 HP18H1 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 30 O219H1 722 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 30 O219H1 727 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 30 HP18H1 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 40 O219H1 722 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 40 O219H1 727 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 40 O119H1 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 06 O220H2 740 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 10 O220H2 740 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 20 O220H2 740 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 30 O220H2 740 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 40 O220H2 740 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 06 O220H2 830 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 10 O220H2 830 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 20 O220H2 830 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 30 O220H2 830 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 40 O220H2 830 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 06 O220H2 757 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 10 O220H2 757 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 20 O220H2 757 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 30 O220H2 757 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 40 O220H2 757 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 06 O220H2 730 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 10 O220H2 730 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 20 O220H2 730 1.0	1.0A Tc85	EN 62031	LCIE

PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 30 O220H2 730 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 40 O220H2 730 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 06 SG21H2 740 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 10 SG21H2 740 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 20 SG21H2 740 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 30 SG21H2 740 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 40 SG21H2 740 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 LARGE 50 SG21H2 740 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 LARGE 60 SG21H2 740 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 06 SG21H2 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 10 SG21H2 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 20 SG21H2 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 30 SG21H2 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 40 SG21H2 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 LARGE 50 SG21H2 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 LARGE 60 SG21H2 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 06 SG21H2 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 10 SG21H2 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 20 SG21H2 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 30 SG21H2 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 40 SG21H2 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 LARGE 50 SG21H2 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 LARGE 60 SG21H2 830 1.0	1.0A Tc85	IEC 62031	LCIE
Electronic led driver	A	Philips	Xi FP 150W 0.2-0.7A SNLCDAE 230V S240 sXt	220-240V 50...60 Hz 0.2-0.7A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi FP 150W 0.3-1.0A SNLCDAE 230V S240 sXt	220-240V 50...60 Hz 0.3-1,0A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi FP 40W 0.2-0.7A SNLCDAE 230V S175 sXt	220-240V 50...60 Hz 0.2-0.7A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi FP 75W 0.2-0.7A SNLCDAE 230V S240 sXt	220-240V 50...60 Hz 0.2-0.7A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi FP 75W 0.3-1.0A SNLCDAE 230V S240 sXt	220-240V 50...60 Hz 0.3-1,0A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi FP 75W 0.2-0.7A SNLDAE 230V C133 sXt	220-240V 50...60 Hz 0.2-0.7A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi FP 110W 0.2-0.7A SNLDAE 230V C133 sXt	220-240V 50...60 Hz 0.2-0.7A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
LineSwitch DALI	A	Lunatone	LINESWITCH DALI MC4L, DALI MC1L	Rin=150kΩ, @Vio=500VDC, -20°C to +75°C	EN 61347-1, IEC 62386-103	ENEC11
Easy Air	A	PHILIPS	SNO110	24VDC, 11-16mA, T = -30°C/ 80°C, 260mW	EN 61347-1 EN 61347-2-11	ENEC05
Bleeder Resistor	B	Plati	VRW68	10MΩ, 10kV, insulation 700V, 165°C	IEC 60065	VDE
RF Antenna	A	Philips	LLC7450/00 RF NODE ZHAGA DC 868MHZ LG	220-240V,50-60Hz, Ta: -40...+70°C	EN61347-2-11	ENEC05
RF Antenna	A	Philips	LLC7451/00 RF NODE ZHAGA DC 868MHZ DG	220-240V,50-60Hz, Ta: -40...+70°C	EN61347-2-11	ENEC05
RF Antenna	A	Philips	LLC7452/00 RF NODE ZHAGA DC 868MHZ NGLG	220-240V,50-60Hz, Ta: -40...+70°C	EN61347-2-11	ENEC05

RF Antenna	A	Philips	LLC7453/00 RF NODE ZHAGA DC 868MHZ NGDG	220-240V, 50-60Hz, Ta: -40...+70°C	EN61347-2-11	ENEC05
GPRS antenna	A	Philips	LLC7852/00 CT NODE ZHAGA DC EU4VF LG	15-24V, DC, Ta: -40...+60°C	EN61347	ENEC05
GPRS antenna	A	Philips	LLC7853/00 CT NODE ZHAGA DC EU4VF DG	15-24V, DC, Ta: -40...+60°C	EN61347	ENEC05
Electronic led driver	A	Philips	Xi LP 150W 0.2-0.7A S1 230V S240 sXt	220-240V 50...60 Hz, 0.2-0.7A Tc=90 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi BP 75W 0.2-0.7A S 230V C133 sXt	220-240V 50...60 Hz, 0.2-0.7A Tc=80 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi BP 110W 0.2-0.7A S 230V C133 SXT	220-240V 50...60 Hz, 0.2-0.7A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi LP 75W 0.2-0.7A S1 230V C133 sXt	220-240V 50...60 Hz, 0.2-0.7A Tc=90 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi LP 110W 0.2-0.7A S1 230V C133 sXt	220-240V 50...60 Hz, 0.2-0.7A Tc=90 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi FP 75W 0.3-1.0A SNLDAE 230V C133 sXt	220-240V 50...60 Hz, 0.3-1.0A Tc=80 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi SR 75W 0.3-1.0A SNEMP 230V C150 sXt	220-240V 50...60 Hz, 0.3-1.0A Tc=90 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi FP 110W 0.3-1.0A SNLDAE 230V C133 sXt	220-240V 50...60 Hz, 0.3-1.0A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi SR 110W 0.3-1.0A SNEMP 230V C150 sXt	220-240V 50...60 Hz, 0.3-1.0A Tc=90 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi BP 22W 0.2-0.7A S 230V C123 sXt	220-240V 50...60 Hz, 0.2-0,7A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi BP 40W 0.2-0.7A S 230V C123 sXt	220-240V 50...60 Hz, 0.2-0,7A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi LP 17W 0.2-0.7A S1 230V C123 sXt	220-240V 50...60 Hz, 0.2-0,7A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi LP 40W 0.2-0.7A S1 230V C123 sXt	220-240V 50...60 Hz, 0.2-0,7A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi FP 22W 0.2-0.7A SNLDAE 230V C123 sXt	220-240V 50...60 Hz, 0.2-0,7A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi FP 40W 0.2-0.7A SNLDAE 230V C123 SXT	220-240V 50...60 Hz, 0.2-0,7A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi LP 22W 0.2-0.7A S1 230V S175 sXt	220-240V 50...60 Hz, 0.2-0,7A Tc=80 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi LP 40W 0.2-0.7A S1 230V S175 sXt	220-240V 50...60 Hz, 0.2-0,7A Tc=80 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi LP 22W 0.3-1.0A S1 230V C123 sXt	220-240V 50...60 Hz, 0.3-1.0A Tc=90 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi LP 40W 0.3-1.0A S1 230V C123 sXt	220-240V 50...60 Hz, 0.3-1.0A Tc=90 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi FP 40W 0.3-1.0A SNLDAE 230V C123 sXt	220-240V 50...60 Hz, 0.3-1.0A Tc=90 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi SR 40W 0.3-1.0A SNEMP 230V C133 sXt	220-240V 50...60 Hz, 0.3-1.0A Tc=90 °C	EN 61347-1, EN 61347-2-13	ENEC05
PCB LED	B	Signify	LDG20S RXS 2424 13C16 2S 730 H22	1050mA; TC80	IEC 62031	LCIE
PCB LED	B	Signify	LDG20S RXS 2424 13C16 2S 740 H22	1050mA; TC80	IEC 62031	LCIE
PCB LED	B	Signify	LDG20S RXS 2424 13C16 2S 757 H22	1050mA; TC80	IEC 62031	LCIE
PCB LED	B	Signify	LDG20S RXS 2424 13C16 2S 827 H22	1050mA; TC80	IEC 62031	LCIE
PCB LED	B	Signify	LDG20S RXS 2424 13C16 2S 830 H22	1050mA; TC80	IEC 62031	LCIE
PCB LED	B	Signify	LDG20S RXS 2424 13C16 2S 840 H22	1050mA; TC80	IEC 62031	LCIE
PCB LED	B	Signify	LDG20S RXS 2424 13C24 2S 730 H22	1050mA; TC80	IEC 62031	LCIE
PCB LED	B	Signify	LDG20S RXS 2424 13C24 2S 740 H22	1050mA; TC80	IEC 62031	LCIE
PCB LED	B	Signify	LDG20S RXS 2424 13C24 2S 757 H22	1050mA; TC80	IEC 62031	LCIE
PCB LED	B	Signify	LDG20S RXS 2424 13C24 2S 827 H22	1050mA; TC80	IEC 62031	LCIE
PCB LED	B	Signify	LDG20S RXS 2424 13C24 2S 830 H22	1050mA; TC80	IEC 62031	LCIE
PCB LED	B	Signify	LDG20S RXS 2424 13C24 2S 840 H22	1050mA; TC80	IEC 62031	LCIE

Terminal with screwless-type clamping units	B	Electro Terminal GmbH & Co KG	SLK 5/4P OF SKII L-N - DA/LS-DA	300 V; Cl. II; T85; IP20; upper terminals: 0,5-2,5 mm <sup>2</sup> ; lower terminals: 0,5-2,5 mm <sup>2</sup> s, 1,5 — 2,5 mm <sup>2</sup>	EN 60998-2-2:2005-05-01; EN 60598-1:2018-11-01 cl. 10, 11, 13 and 15	DEKRA
Wire	A	BLF	H05S-U H05S-K 1x0,75mm <sup>2</sup> Black	0,75mm <sup>2</sup> , 300/500V	IEC 60228 EN50525-1 EN50525-2-41	IEMMEQU I IAR
Connector	B	WAGO	CON WW 2P F PI 873-902	0,75– 4 mm <sup>2</sup> , 600 V, 6 A	EN 60998 EN 61984	KEMA-KEUR

Supplementary information:

<sup>1)</sup> Provided evidence ensures the agreed level of compliance. See OD-CB2039.

The codes above have the following meaning:

- A - The component is replaceable with another one, also certified, with equivalent characteristics
- B - The component is replaceable if authorised by the test house
- C - Integrated component tested together with the appliance
- D - Alternative component

Certification Body: **Łukasiewicz- IMiF PREDOM Division**

Signed:

Józef Foks

.....  
Certification Office  
Łukasiewicz- IMiF PREDOM

Filip Walczak

.....  
Leader of the Łukasiewicz- IMiF  
PREDOM Division

Place: **WARSAW**

Date: **08-11-2022**