



Łukasiewicz- IMiF PREDOM  
Division  
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02-255 WARSAW, POLAND

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# LICENCE

## CERTIFICATE/CERTYFIKAT

### to use the European Mark

Licencja na używanie europejskiego Znak



Licence/Certificate No. / Licencja/ Certyfikat Nr **0207/ENEC/19/M3**

**Under the conditions given in the following pages of this document, the licence to use the ENEC Mark in conjunction with the suffix 30, as shown above, has been issued to:**

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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 BGP281 / BGP282 / BGP283 / BGP284...II... – series;  
LumiStreet gen2 BGP291 / BGP292 / BGP293 / BGP294...II... – series;  
LumiStreet Pro gen2 BGP391 / BGP392 / BGP393 / BGP394...II... – series (see Appendix/ patrz Załącznik)  
Technical data/ *Dane Techniczne:* 220 -240V, 50/60Hz, IP66, 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

(the test reports/ *raporty z badań:* BS-3/061/B/19+ Att. (EU GD and ND ref. No. BS-3/061/B/1/19) dated 29.05.2019; BS-3/061/B/19/M1+ Att. (EU GD and ND ref. No. BS-3/061/B/1/19/M1) dated 09.12.2019; BS-3/061/B/19/M2+ Att. (EU GD and ND ref. No. BS-3/061/B/1/19/M2) dated 11.09.2020; BS-3/061/B/19/M3+ Att. (EU GD and ND ref. No. BS-3/061/B/1/19/M3) dated 26.01.2021 performed by the performed by the Testing Laboratory Łukasiewicz-IMiF PREDOM Division (Accreditation PCA AB 003).

**Note:** This licence/certificate has been issued because the products modifications: several components had been added, list of components has been updated. *Uwaga: niniejsza licencja/certyfikat została wydana ponieważ wyroby zostały zmodyfikowane: dodano szereg komponentów, wykaz komponentów został zaktualizowany.*

**This licence/certificate replaces the licence/ certificate /Niniejsza licencja/certyfikat zastępuje licencję/certyfikat 0207/ENEC/19/M2 dated/ z dnia 22-09-2020.**

**Date:** *Data* 27-01-2021

**Signature:**

**Name:**

Joanna Walczak-Złotkowska

Aleksander Piotrowski

**Position:**

Manager of Certification  
Office

Deputy Director of  
the Łukasiewicz- IMiF  
PREDOM Division

This licence has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification. The ENEC mark may be applied to the products as specified in this licence for the duration of the Licence Agreement. No. R6/ENEC/02/10 dated 2010-02-09 and under conditions of the Licence agreement. This licence is issued on 27-01-2021 and expires upon withdrawal any of the above mentioned standards. *Niniejsza licencja została wydana zgodnie z założeniem i pod warunkiem, że licencjobiorca posiada wszelkie niezbędne prawa w odniesieniu do wyrobu przedstawionego do badań i certyfikacji. Znak ENEC może być stosowany na wyrobach wymienionych w niniejszej licencji przez okres obowiązywania Umowy licencyjnej Nr R6/ENEC/02/10 z dnia 2010-02-09 i na warunkach tej Umowy. Niniejsza licencja została wydana w dniu 27-01-2021 i traci ważność po wycofaniu którejkolwiek z wyżej wymienionych norm.*

**Additional information – see the Appendix.**

*Dodatkowe informacje – patrz Załącznik.*

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Name and address of the license/certificate holder:	Signify Poland Sp. z o.o., O/Kętrzyn ul. Chrobrego 8, 11-400 Kętrzyn
Name and address of manufacturer:	Signify Poland Sp. z o.o., O/Kętrzyn ul. Chrobrego 8, 11-400 Kętrzyn
Name and address of manufacturing place:	Signify Poland Sp. z o.o., O/Kętrzyn ul. Chrobrego 8, 11-400 Kętrzyn
Name of product:	Luminaires for road and street lighting
Type (model):	UniStreet gen2 BGP281 / BGP282 / BGP283 / BGP284...II... – series; LumiStreet gen2 BGP291 / BGP292 / BGP293 / BGP294...II... - series; LumiStreet Pro gen2 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 – 160 LEDs
type of lamp	LED
protection against electric shock	class II
degree of protection	IP 66, IK08 (glass 4mm), IK09 (glass 6mm)
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

List of the luminaires

Choice sheet of the luminaires UniStreet gen2 BGP281 / BGP282 / BGP283 / BGP284...II... – series; LumiStreet gen2 BGP291 / BGP292 / BGP293 / BGP294...II... - series; LumiStreet Pro gen2 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 60 CT

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

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

1. BGP281
  - Code of the serie/size  
(Mikro: 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 when missing latest version applied
5. 757,740,830,420,518,610,  
722,727,730
  - 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)
    - PSR - Dimmable driver 1-10V
    - PSD - Dimmable driver DALI
    - PSA - Dimmable driver AmpDim





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|--|---|
| <p>7. II</p> <p>8. DM</p> <p>9. xxxx/xx-xxxx</p> <p>10. MSP</p> <p>11. Dxx</p> <p>12. D11</p> <p>13. CTG-DGR</p> <p>14. SRG10</p> <p>15. 3183Yxx/H07RN-Yx</p> <p>16. B</p> <p>17. 32/60S</p> <p>18. CT</p> | <ul style="list-style-type: none"> <li>- PSDD - Dimmable driver Dynadim integrated</li> <li>- PSM - Power supply unit with coded mains interface</li> <li>- PSD-SR - Power supply unit with DALI and SystemReady interface</li> <li>- Safety Class II</li> <li>- Optic DMxx, DNxx, DWxx, DSxx, DPLxx, BLxx, DRMx, DRNx, DXxx – Road light distribution</li> <li>- RAL Colour, Colour Choice AKZO, British standard colours, GR, DGR</li> <li>- Marine salt protected coating</li> <li>- Light control Dxx,DDFxx, 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</li> <li>- Light regulation: <ul style="list-style-type: none"> <li>D9: External dimming Dali</li> <li>D11: Line Switch through switch OFF</li> <li>D12: Line Switch through switch ON</li> <li>D13: Mains Dimming</li> <li>D18: Dynadimmer integrated (PSDD)</li> <li>D24: DynaDimmer int. DALI unprog.</li> <li>D28: Dimming via coded mains voltage</li> </ul> </li> <li>- Socket: <ul style="list-style-type: none"> <li>P1, P1-M, P1-5, P1-5 CP, P1-7, P1-7 CP, PZO-20, SRT, SRB, PSC,</li> </ul> </li> <li>- Sensor: <ul style="list-style-type: none"> <li>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</li> </ul> </li> <li>- 10kV Surge Protection Device</li> <li>- 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</li> <li>- Cable finish: <ul style="list-style-type: none"> <li>- Standard ( no cable insulated )</li> <li>B - Protective earth wire insulated</li> <li>D - Gray wire insulated</li> <li>L - Protective earth wire, gray wire and black wire insulated</li> <li>H - Line wire black and protective earth wire insulated</li> <li>J - Line wire black, protective earth wire and gray wire insulated</li> <li>M - Line wire black, protective earth wire, gray wire and brown wire insulated</li> </ul> </li> <li>- Spigot type: <ul style="list-style-type: none"> <li>Side Entry : 32/48S, 48/60S,76S, 32/76S, 48/76S, 32/60S</li> <li>Post Top: 32/48P, 48/60P, 76P, 32/76P, 48/76P, 32/60P</li> </ul> </li> <li>- Type of packaging – carton box</li> </ul> |
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List of LED's and electronic driver's system for core version:

LED's and electronic led driver system	PCB LED	Driver	Current
<p><b>LEDxxx</b> Example:</p> <p>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><b>PCB XXX XXX XX</b> Example:</p> <p>PCBA LDGOSQ1.0 MICRO 006 OS3H2-17 740 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 O118H1 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 O118H1 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 30 O119H1 740 1.0 PCBA LDGOSQ2.0 MINI 30 O118H1 830 1.0 PCBA LDGOSQ2.0 MINI 30 O119H1 757 1.0 PCBA LDGOSQ2.0 MINI 40 O119H1 740 1.0 PCBA LDGOSQ2.0 MINI 40 O118H1 830 1.0 PCBA LDGOSQ2.0 MINI 40 O119H1 757 1.0 PCBA LDGOSQ2.0 MICRO 20 O118H1 610 1.0 PCBA LDGOSQ2.0 MINI 40 O118H1 610 1.0 PCBA LDGOSQ2.0 MICRO 06 O219H1 722 1.0 PCBA LDGOSQ2.0 MICRO 06 O219H1 727 1.0 PCBA LDGOSQ2.0 MICRO 06 HP18H1 730 1.0 PCBA LDGOSQ2.0 MICRO 10 O219H1 722 1.0 PCBA LDGOSQ2.0 MICRO 10 O219H1 727 1.0 PCBA LDGOSQ2.0 MICRO 10 HP18H1 730 1.0 PCBA LDGOSQ2.0 MICRO 20 O219H1 722 1.0 PCBA LDGOSQ2.0 MICRO 20 O219H1 727 1.0 PCBA LDGOSQ2.0 MICRO 20 HP18H1 730 1.0 PCBA LDGOSQ2.0 MINI 30 O219H1 722 1.0 PCBA LDGOSQ2.0 MINI 30 O219H1 727 1.0 PCBA LDGOSQ2.0 MINI 30 HP18H1 730 1.0 PCBA LDGOSQ2.0 MINI 40 O219H1 722 1.0 PCBA LDGOSQ2.0 MINI 40 O219H1 727 1.0 PCBA LDGOSQ2.0 MINI 40 O119H1 730 1.0 PCBA LDGOSQ2.0 MICRO 06 O220H2 740 1.0 PCBA LDGOSQ2.0 MICRO 10 O220H2 740 1.0 PCBA LDGOSQ2.0 MICRO 20 O220H2 740 1.0 PCBA LDGOSQ2.0 MINI 30 O220H2 740 1.0 PCBA LDGOSQ2.0 MINI 40 O220H2 740 1.0 PCBA LDGOSQ2.0 MICRO 06 O220H2 830 1.0 PCBA LDGOSQ2.0 MICRO 10 O220H2 830 1.0 PCBA LDGOSQ2.0 MICRO 20 O220H2 830 1.0 PCBA LDGOSQ2.0 MINI 30 O220H2 830 1.0 PCBA LDGOSQ2.0 MINI 40 O220H2 830 1.0 PCBA LDGOSQ2.0 MICRO 06 O220H2 757 1.0 PCBA LDGOSQ2.0 MICRO 10 O220H2 757 1.0 PCBA LDGOSQ2.0 MICRO 20 O220H2 757 1.0 PCBA LDGOSQ2.0 MINI 30 O220H2 757 1.0 PCBA LDGOSQ2.0 MINI 40 O220H2 757 1.0 PCBA LDGOSQ2.0 MICRO 06 O220H2 730 1.0 PCBA LDGOSQ2.0 MICRO 10 O220H2 730 1.0 PCBA LDGOSQ2.0 MICRO 20 O220H2 730 1.0 PCBA LDGOSQ2.0 MINI 30 O220H2 730 1.0  PCBA LDGOSQ2.0 MINI 40 O220H2 730 1.0 (10 - no of LEDs; WW/740 - color temp)</p>	<p><b>Xi FP xxW xxxA xxxxx</b> Example:</p> <p>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 C165 sXt Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt Xi FP 40W 0.2-0.7A SNLCDAE 230V S175 sX Xi FP 75W 0.2-0.7A SNLCDAE 230V S240 sX Xi FP 110W 0.2-0.7A SNLCDAE 230V C133 sXt Xi FP 150W 0.2-0.7A SNLCDAE 230V S240 sX Xi SR 22W 0.2-0.7A SNEMP 230V S240 sXt Xi SR 40W 0.2-0.7A SNEMP 230V C133 Xi SR 75W 0.2-0.7A SNEMP 230V S240 Xi SR 110W 0.2-0.7A SNEMP 230V C150 SXT Xi SR 150W 0.2-0.7A SNEMP 230V S240 Xi FP 150W 0.2-0.7A SNLCDAE 230V S240 sX Xi FP 150W 0.3-1.0A SNLCDAE 230V S240 sX Xi FP 40W 0.2-0.7A SNLCDAE 230V S175 sX Xi FP 75W 0.2-0.7A SNLCDAE 230V S240 sX Xi FP 75W 0.3-1.0A SNLCDAE 230V S240 sX 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 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 (40W - max power; 0.2 - 1.0A - operation current)</p>	max. 1,1A



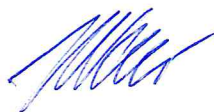


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List of components:

Object / part No.	Code	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 SNLCDAE 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 SNLCDAE 230V S240 sXt	220-240V, 50...60Hz, 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 SNLCDAE 230V C133 sXt	220-240V, 50...60Hz, 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 SNLCDAE 230V S240 sXt	220-240V, 50...60Hz, 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	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	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	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	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, switching 100 480VAC; Ta: -40...+70°C	EN61347	ENEC05
RF Antenna	A	PHILIPS	LLC7305/00 STARSSENSE WIRELESS LS EU	220-240V,50-60Hz, -30...+65°C,Tc80°C	EN61347-2-11	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. Z7-2/020/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	A	Tyco electronics	2213858 - 1 SR connector	1.5A, 30V (typical 24V)	IEC60598	ENEC05
Connector	B	Electro Terminal	Connector 500/5 SKII	0,5-2,5mm <sup>2</sup> , 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 WW 5P M H SMT 88168353	0,5-2,5mm <sup>2</sup> , 24A/300V, T 85 °C	EN60598-1	ÖVE
Connector	B	Electro Terminal	CON WW 5P H PI 88167916	0,5-2,5mm <sup>2</sup> , 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 Conntact-M 350699-1	0.2 - 0.8 mm <sup>2</sup> , 5,5A	IEC 60512	UL
Connector	B	Tyco electronics	MATE-N-LOK Conntact-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





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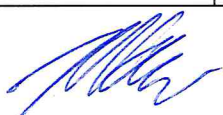
Object / part No.	Code	Manufacturer/ trademark	Type/Model	Technical data	Standard	Marks of conformity
SURGE PROTECTIVE DEVICE	B	CPT CIRPROTEC	NSS-10/230-D-LCF-P	I <sub>max</sub> 10kA, I <sub>n</sub> 5kA, Un 230V (50/60Hz), Ta= -40°C to 80°C	EN 61643-11	CB
Surge Protective Device	B	CPT CIRPROTEC	SPD NSS-10/230-C4-WD	I <sub>max</sub> 10kA, I <sub>n</sub> 5kA, Un 230V (50/60Hz), Ta= -40°C to 80°C	EN 61643-11	CB
Surge Protective Device	A	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 Ta: -40°C to 80°C	EN 61643-11	CB
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
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	1,5mm <sup>2</sup> , 450/750V	EN 60228	VDE
Cable for mains	B	Elpar	H07RN-F 5G2,5/3G2,5	2,5mm <sup>2</sup> , 450/750V	EN 60228	VDE
Cable for mains	B	Elpar	H05VV-F 5G1,5/3G1,5	1,5mm <sup>2</sup> , 300/500V	EN 50525-2-11	VDE
Cable for mains	B	Elpar	H05VV-F 5G2,5/3G2,5	2,5mm <sup>2</sup> , 300/500V	EN 50525-2-11 IEC 60227-5	VDE
Cable for mains	B	Elpar	H07RN-F 3G2,5	2,5mm <sup>2</sup> , 450/750V	EN 60228	VDE
Cable for mains	A	ElettroBrescia	H07RN-F 5G1/3G1	1mm <sup>2</sup> , 450/750V	EN 50525-2-21	HAR
Cable for mains	A	ElettroBrescia	H07RN-F 5G1,5/3G1,5	1,5mm <sup>2</sup> , 450/750V	EN 50525-2-21	HAR
Cable for mains	A	ElettroBrescia	H07RN-F 5G2,5/3G2,5	2,5mm <sup>2</sup> , 450/750V	EN 50525-2-21	HAR
Cable for mains	A	ElettroBrescia	H05VV-F 5G1,5/3G1,5	1,5mm <sup>2</sup> , 300/500V	EN 50525-2-11	HAR
Cable for mains	B	ElettroBrescia	H05VV-F 5G2,5/3G2,5	2,5mm <sup>2</sup> , 300/500V	EN 50525-2-11	VDE
Cable for mains	B	ElettroBrescia	H05RR-F 5G1,5/3G1,5	1,5mm <sup>2</sup> , 300/500V	EN 50525-2-21	VDE
Cable for mains	B	CMK Cabo	H05VV-FP 5G1,5/3G1,5	1,5mm <sup>2</sup> , 300/500V	BS6004	BASEC
Cable for mains	B	CMK Cabo	H05VV-FP 3G2,5	2,5mm <sup>2</sup> , 300/500V	BS6004	BASEC
Cable for mains	B	Draka	XVB-F2-Cca 3G1,5/4G1,5	1,5mm <sup>2</sup> , 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 VVV	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCB LUMA MICRO 20 OSLONG3 VVV	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCB LUMA MINI 30 OSLONG3 VVV	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCB LUMA MINI 40 OSLONG3 VVV	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	LCIE



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Object / part No.	Code	Manufacturer/ trademark	Type/Model	Technical data	Standard	Marks of conformity
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
Electronic led driver	A	Philips	Xi FP 150W 0.2-0.7A SNLCDAE 230V S240 sX	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 sX	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 sX	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 sX	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 sX	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	B	PHILIPS	SNO110	24VDC, 11-16mA, T = -30°C/ 80°C, 260mW	EN 61347-1 EN 61347-2-11	ENEC05
Bleeder Resistor	A	Plati	VRW68	10MOhm, 10kV, nsulation 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
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



**APPENDIX TO THE LICENCE/CERTIFICATE No. 0207/ENEC/19/M3**

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Object / part No.	Code	Manufacturer/ trademark	Type/Model	Technical data	Standard	Marks of conformity
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 22W 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

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 Łukasiewicz- IMiF PREDOM Division

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

**Place:** WARSAW

**Signed:**

Manager of Certification  
Office

Deputy Director of the  
Łukasiewicz- IMiF  
PREDOM Division



Joanna Walczak-  
Złotkowska



Aleksander Piotrowski

**Date:** 27-01-2021