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LICENCE / CERTIFICATE

to use the ENEC+ Mark

LICENCJA / CERTYFIKAT

na używanie ZNAKU ENEC+

30

Licence / Certificate No.
Licencja / Certyfikat Nr

0111/ENEC+/24/M1

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Name and address of the Certificate owner:
Nazwa i adres posiadacza certyfikatu:

Signify Poland Sp. z o.o.
64-920 Piła, ul. Kossaka 150

For the products:
Dla wyrobów:

Luminaires for road and street lighting
Oprawy oświetleniowe drogowe i uliczne

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 (details in the Appendix / *Szczegóły w Załączniku*)

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

EPRS 003:2018-05 based on/ opartym na EN 62722-2-1:2016

Test report(s):
Raporty z badań:

Ref. No: B5-3/196/B/23 dated 27.02.2024; B5-3/196/B/23/M1 dated 05.07.2024 performed by the Testing Laboratory Łukasiewicz-IMiF PREDOM Division (Accreditation PCA AB 003)

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0307/ENEC/23/M3 dated / *z dnia* **2024-06-18**

Issued by / *wydany przez:* **Łukasiewicz – IMiF PREDOM Division**

Date:
Data: **2024-07-18**

Jacek Trzeszkowski
Elektronicznie podpisany przez Jacek Trzeszkowski
Data: 2024.08.28 23:17:25 +02'00'

Signed by / Podpisano przez:
Paweł Andrzej Oziębło
Date / Data: 2024-07-18 15:03

Manager of Certification Office
Kierownik Biura Certyfikacji

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Additional information – see the Appendix. *Dodatkowe informacje – patrz Załącznik.*

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APPENDIX TO THE LICENCE No. 0111/ENEC+/24/M1 page 1

Name and address of the license holder:	**Signify Poland Sp. z o.o.,** **64-920 Piła, ul. Kossaka 150**	
Address of the factory:	**1. Signify Poland Sp. z o.o.** **64-920 Piła, ul. Kossaka 150** **O/Kętrzyn ul. Chrobrego 8** **11-400 Kętrzyn, Poland**	**2. SIGNIFY B.V** **Carretera de las Arcas Reales s/n** **47008 Valladolid, Spain**
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 bellow)**	
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	
Input Power (W):	UniStreet gen2 Nano BGP280…/BGP290…/BGP390…II...– series: from 6,3W to 40,5W UniStreet gen2 BGP281…/BGP291…/BGP391…II...– series: from 5,9W to 64W UniStreet gen2 Mini BGP282…/BGP292…/BGP392…II...– series: from 7,8W to 100W UniStreet gen2 Medium BGP283…/BGP293…/BGP393…II...– series: from 23W to 138W UniStreet gen2 Large BGP284…/BGP294…/BGP394…II...– series: from 76W to 235W For details see the Appendixes No.1, No.2, No.3, No.4, No.5, No.6, No.7, No.8, No.9 – Lists of the luminaires – on CD	
Luminous Flux (lm):	UniStreet gen2 Nano BGP280…/BGP290…/BGP390…II...– series: from 620lm to 5160lm UniStreet gen2 BGP281…/BGP291…/BGP391…II...– series: from 842,8lm to 9790lm UniStreet gen2 Mini BGP282… /BGP292…/BGP392…II...– series: from 1147,5lm to 15840lm UniStreet gen2 Medium BGP283…/BGP293…/BGP393…II...– series: from 3696lm to 23400lm UniStreet gen2 Large BGP284…/BGP294…/BGP394…II...– series: from 12180lm to 40050lm For details see the Appendixes No.1, No.2, No.3, No.4, No.5, No.6, No.7, No.8, No.9 – Lists of the luminaires – on CD	
Colour temperature (CCT):	2200K, 2700K, 3000K, 4000K, 5700K	
Colour rendering index (CRI):	CRI>70; CRI>80	
Efficacy (lm/W):	UniStreet gen2 Nano BGP280…/BGP290…/BGP390…II...– series: from 75lm/W to 155lm/W UniStreet gen2 BGP281…/BGP291…/BGP391…II...– series: from 130lm/W to 180lm/W UniStreet gen2 Mini BGP282…/BGP292…/BGP392…II...– series: from 137lm/W to 185lm/W UniStreet gen2 Medium BGP283…/BGP293…/BGP393…II...– series: from 154lm/W to 190lm/W UniStreet gen2 Large BGP284…/BGP294…/BGP394…II...– series: from 156lm/W to 190lm/W For details see the Appendixes No.1, No.2, No.3, No.4, No.5, No.6, No.7, No.8, No.9 – Lists of the luminaires – on CD	
Lamp Type/Rating:	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	

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APPENDIX TO THE LICENCE No. 0111/ENEC+/24/M1 page 2

	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 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 PCBA LDGOSQ2.0 MICRO 06 SG21H2 740 1.0 PCBA LDGOSQ2.0 MICRO 10 SG21H2 740 1.0 PCBA LDGOSQ2.0 MICRO 20 SG21H2 740 1.0 PCBA LDGOSQ2.0 MINI 30 SG21H2 740 1.0 PCBA LDGOSQ2.0 MINI 40 SG21H2 740 1.0 PCBA LDGOSQ2.0 LARGE 50 SG21H2 740 1.0 PCBA LDGOSQ2.0 LARGE 60 SG21H2 740 1.0 PCBA LDGOSQ2.0 MICRO 06 SG21H2 730 1.0 PCBA LDGOSQ2.0 MICRO 10 SG21H2 730 1.0 PCBA LDGOSQ2.0 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 PCBA LDGOSQ2.0 MICRO 06 SG22H2 830 1.0 PCBA LDGOSQ2.0 MICRO 10 SG22H2 830 1.0 PCBA LDGOSQ2.0 MICRO 20 SG22H2 830 1.0

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APPENDIX TO THE LICENCE No. 0111/ENEC+/24/M1 page 3

	PCBA LDGOSQ2.0 MINI 30 SG22H2 830 1.0 PCBA LDGOSQ2.0 MINI 40 SG22H2 830 1.0 PCBA LDGOSQ2.0 MICRO 06 SG22H2 722 1.0 PCBA LDGOSQ2.0 MICRO 10 SG22H2 722 1.0 PCBA LDGOSQ2.0 MICRO 20 SG22H2 722 1.0 PCBA LDGOSQ2.0 MINI 30 SG22H2 722 1.0 PCBA LDGOSQ2.0 MINI 40 SG22H2 722 1.0 PCBA LDGOSQ2.0 MICRO 06 SG22H2 730 1.0 PCBA LDGOSQ2.0 MICRO 10 SG22H2 730 1.0 PCBA LDGOSQ2.0 MICRO 20 SG22H2 730 1.0 PCBA LDGOSQ2.0 MINI 30 SG22H2 730 1.0 PCBA LDGOSQ2.0 MINI 40 SG22H2 730 1.0 PCBA LDGOSQ2.0 MICRO 06 SG22H2 757 1.0 PCBA LDGOSQ2.0 MICRO 10 SG22H2 757 1.0 PCBA LDGOSQ2.0 MICRO 20 SG22H2 757 1.0 PCBA LDGOSQ2.0 MINI 30 SG22H2 757 1.0 PCBA LDGOSQ2.0 MINI 40 SG22H2 757 1.0 PCBA LDGOSQ2.0 MICRO 06 SG22H2 740 1.0 PCBA LDGOSQ2.0 MICRO 10 SG22H2 740 1.0 PCBA LDGOSQ2.0 MICRO 20 SG22H2 740 1.0 PCBA LDGOSQ2.0 MINI 30 SG22H2 740 1.0 PCBA LDGOSQ2.0 MINI 40 SG22H2 740 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 PCBA LDGOSQ2.0 MICRO 10 O223H2 730 1.0 PCBA LDGOSQ2.0 MICRO 10 O223H2 740 1.0 PCBA LDGOSQ2.0 MICRO 10 O223H2 830 1.0 PCBA LDGOSQ2.0 MICRO 20 O223H2 730 1.0 PCBA LDGOSQ2.0 MICRO 20 O223H2 740 1.0 PCBA LDGOSQ2.0 MICRO 20 O223H2 830 1.0 PCBA LDGOSQ2.0 MINI 30 O223H2 730 1.0 PCBA LDGOSQ2.0 MINI 30 O223H2 740 1.0 PCBA LDGOSQ2.0 MINI 30 O223H2 830 1.0 PCBA LDGOSQ2.0 MINI 40 O223H2 730 1.0 PCBA LDGOSQ2.0 MINI 40 O223H2 740 1.0 PCBA LDGOSQ2.0 MINI 40 O223H2 830 1.0 PCBA LDGOSQ2.0 MICRO 20 O223H2 740 2.0 PCBA LDGOSQ2.0 MICRO 20 O223H2 730 2.0 PCBA LDGOSQ2.0 MICRO 20 O223H2 830 2.0 PCBA LDGOSQ2.0 MINI 30 O223H2 740 2.0 PCBA LDGOSQ2.0 MINI 30 O223H2 730 2.0 PCBA LDGOSQ2.0 MINI 30 O223H2 830 2.0 PCBA LDGOSQ2.0 MINI 40 O223H2 740 2.0 PCBA LDGOSQ2.0 MINI 40 O223H2 730 2.0 PCBA LDGOSQ2.0 MINI 40 O223H2 830 2.0 LDGOP RS 5050G2 86L20 4S 730 H24 R LDGOP RS 5050G2 86L20 4S 740 H24 R LDGOP RS 5050G2 86L10 2S 730 H24 R LDGOP RS 5050G2 86L10 2S 740 H24 R LDGOP RS 5050G2 86L20 2S 730 H24 R LDGOP RS 5050G2 86L20 2S 740 H24 R LDGOP RM 5050G2 86L40 4S 730 H24 R LDGOP RM 5050G2 86L40 4S 740 H24 R LDGOP RM 5050G2 86L30 2S 730 H24 R LDGOP RM 5050G2 86L30 2S 740 H24 R LDGOP RM 5050G2 86L40 2S 730 H24 R LDGOP RM 5050G2 86L40 2S 740 H24 R
Luminaire (Type A, B, C):	Type A - Luminaires using LED modules where compliance with EN 62717 has been proven
Ambient Temperature Rating (tq):	25°C
Temperature Rating (ta):	-40…+50˚C – For luminaires not equipped with GPRS antenna, RF Antenna, Photocell and EasyAir Sensor -30…+50˚C – For luminaires equipped with GPRS antenna, RF Antenna, EasyAir Sensor but without Photocell -20…+50˚C – For luminaires equipped with Photocell

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:

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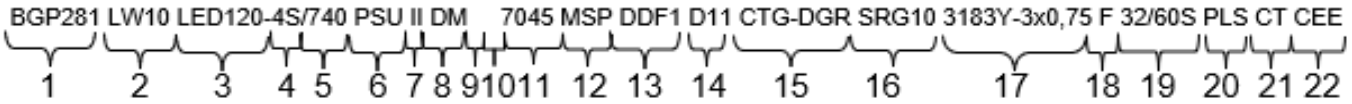
APPENDIX TO THE LICENCE No. 0111/ENEC+/24/M1 page 4



Designations used on the marking of luminaries (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. LED120	-	LEDGINE flux(x100) [lumen] range: from LED6 to LED490
4. 4S	-	4S- Ledgine generation 1P- Ledgine5050P 1F- Ledgine Flexible
5. 757,740,830,420,518,610, 722,727,730, 840, 718	-	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. PSU	-	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, DMxxP, DNxxP, DWxxP, DSxxP, DPLxxP, DPRxxP,, DRMxP, DRNxP, DXxxP, DRXNxP EAAAx, PSZO, BV8V, 343D, KHMF, IK8Y – 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 - FG-AR- Anti-reflective extra clear glass with white mask
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) **ex1**. D9 –Dimming with external communication with DALI, **ex2**: 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:

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APPENDIX TO THE LICENCE No. 0111/ENEC+/24/M1 page 5

		P1, P1-M, P1-M-CP; P1-3; P1-3CP; 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) SRG20 - Surge protection level until 20kV (differential and common mode) SRG20E - Surge protection level until 20kV (differential and common mode) + electro static discharge protection (bleeder resistors) SDM20 - Surge protection level until 20kV (differential mode only) SDM20E - Surge protection level until 20kV (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. F	-	Cable finish: - - Standard (no cable insulated) F - Gray wire insulated Q - Gray wire and black wire insulated G - Line wire black K - Line wire black and gray wire insulated P - Line wire black, 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 ORES - ORES optics POLE CAP- Pole cap RAL7035 for post top BREATHING DEVICE- Extra breathing device FLU20- Dedicated Fluvius labels & OLC ELEKTRON4G- Special 4G OLC when ordering IACZ-4 OLC

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...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 SNLCDAE 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 SNLCDAE 230V S240 sXt	220-240V, 50...60 Hz, 0.2-0.7A, Tc=85°C	EN 61347-1 EN 61347-2-13	ENEC 05

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POLAND

APPENDIX TO THE LICENCE No. 0111/ENEC+/24/M1 page 6

Object / part No.	Code	Manufacturer / trademark	Type/Model	Technical data	Standard	Marks of conformity
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	LRI8135/00 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. 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	B	Tyco electronics	2213899-3 Nema 5 Pin Socket	Max15A, max 480V	IEC 61984	UL
Connector	B	Tyco electronics	NEMA SOCKET 7P 2404021-2	Max15A, max 600V	IEC 61984	UL
Connector	B	Tyco electronics	NEMA SOCKET 7P 2404021-3	Max15A, max 600V	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 WW 5P M H SMT 88168353	0,5-2,5mm2, 24A/300V, T 85 °C	EN60598-1	ÖVE
Connector	B	Electro Terminal	CON WW 5P H PI 88167916	0,5-2,5mm2, 24A/300V, T 85 °C	EN60598-1	ÖVE
Connector	B	Electro Terminal	CON WW 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 3P 1-480701-O Conntact-M 350699-1	0,2 – 0,8 mm2, 5,5A	IEC 60512	UL
Connector	B	Tyco electronics	MATE-N-LOK 3P 1-480701-O Conntact-F 350851-1	0,2 – 0,8 mm2, 5,5A	IEC 60512	UL
Connector	B	Tyco electronics	BRASS CONTACT PIN 350873-1	0,8-2,0 mm2 19A	IEC 60512	UL

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POLAND

APPENDIX TO THE LICENCE No. 0111/ENEC+/24/M1 page 7

Object / part No.	Code	Manufacturer / trademark	Type/Model	Technical data	Standard	Marks of conformity
Connector	B	Tyco electronics	CONTACT CRIMP F AWG18-24 350851-1 R	0,8-2,0 mm2 19A	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	B	Tyco electronics	TE 3P 1-480700-0	600V, 120°C	IEC 60512	UL
Connector	B	Tyco electronics	TE 3P 1-480701-0	600V, 120°C	IEC 60512	UL
Connector	B	Tyco electronics	CON CS 3P F PI 350767-1	600V, 120°C	EN 61984	VDE
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	0,5-1mm2, 16A/450V	EN 60998-1, EN 60998-2-2	EAC CQC
Terminal block	B	ADELS	CON WW 1P 112001	0,5-2,5mm2, 24A/450V	EN 60998-1, EN 60998-2-2	VDE
SURGE PROTECTIVE DEVICE	B	CPT CIRPROTEC	NSS-10/230-D-LCF-P	Imax 10kA, In 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	Imax 10kA, In 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-C2-WD	Imax 10kA In 5Ka, Un 230V (50/60Hz), Uoc 10kV Uc(L1-L2/PE) 420V Uc(L1-L2) 320V Ta: -40°C to 80°C	EN 61643-11	CB
Surge Protective Device	A	CITEL	MLPCH1-230L-V/DL	Imax 10kA Uoc 10kV	EN 61643-11	ENEC
Surge Protective Device	A	CITEL	MLPCH2-230L-V/DL	Imax 10kA Uoc 10kV	EN 61643-11	ENEC
Surge Protective Device	A	CIRPROTEC	SPD NSS-10/230-C2-PP	Imax 10kA Uoc 10kV In 5kA	EN:61643-11	ENEC05
Surge Protective Device	A	CIRPROTEC	SPD NSS-10/230-C4-PP	Imax 10kA Uoc 10kV In 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	0,75mm2, 300/500V	DIN57250-106	VDE
Wire	B	NKT Cables	H05 V2-U 1x0,75mm2	0,75mm2, 300/500V	PN-EN 50525-2-31	BBJ
Cable for mains	B	PECSO CAVI SRL	H05VV-F 5G1,5/3G1,5	1,5mm2, 300/500V	EN 50525-2-11	VDE
Cable for mains	B	PECSO CAVI SRL	H05VV-F 5G2,5/3G2,5	2,5mm2, 300/500V	EN 50525-2-11	VDE
Cable for mains	B	PECSO CAVI SRL	H05RR-F 5G1,5/3G1,5	1,5mm2, 300/500V	EN 50525-2-21, IEC 60245-4	VDE
Cable for mains	B	nkt	H05VV-F 5G1,5/3G1,5	1,5mm2, 300/500V	EN 50525-2-11	EZU
Cable for mains	B	nkt	H05VV-F 5G2,5/3G2,5	2,5mm2, 300/500V	EN 50525-2-11	EZU
Cable for mains	B	nkt	H05VV-U 5G1,5/3G1,5	1,5mm2, 300/500V	DIN VDE 0250-204	VDE
Cable for mains	B	XBK	H05VV-U 5G1,5/3G1,5	1,5mm2, 300/500V	DIN VDE 0250-204	VDE
Cable for mains	A	Nexans	H07RN-F 5G1/3G1	1mm2, 450/750V	EN 50525-2-21	HAR
Cable for mains	A	Nexans	H07RN-F 5G1,5/3G1,5	1,5mm2, 450/750V	EN 50525-2-21	HAR
Cable for mains	A	Nexans	H07RN-F 5G2,5/3G2,5	2,5mm2, 450/750V	EN 50525-2-21	HAR
Cable for mains	A	La Triventa Cavi SPA	H07RN-F 5G1/3G1	1mm2, 450/750V	IEC 60245-4 EN 50525-2-21	HAR
Cable for mains	A	La Triventa Cavi SPA	H07RN-F 5G1,5/3G1,5	1,5mm2, 450/750V	IEC 60245-4	HAR
Cable for mains	A	La Triventa Cavi SPA	H07RN-F 5G2,5/3G2,5	2,5mm2, 450/750V	IEC 60245-4	HAR
Cable for mains	B	HELUKABEL	H07RN-F 5G1,5/3G1,5	1,5mm2, 450/750V	IEC 60245-3	VDE
Cable for mains	A	General Cavi SPA	H07BQ-F 5G1,5/3G1,5	1,5mm2, 450/750V	EN 50525-2-21	HAR
Cable for mains	B	Elpar	H07RN-F 5G1/3G1	1mm2, 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	VDE
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 Cablo	H05VV-FP 5G1,5/3G1,5	1,5mm2, 300/500V	BS6004	BASEC
Cable for mains	B	CMK Cablo	H05VV-FP 3G2,5	2,5mm2, 300/500V	BS6004	BASEC

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PREDOM Division
Krakowiaków 53, 02-255 WARSAW
POLAND

APPENDIX TO THE LICENCE No. 0111/ENEC+/24/M1 page 8

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

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POLAND

APPENDIX TO THE LICENCE No. 0111/ENEC+/24/M1 page 9

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

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APPENDIX TO THE LICENCE No. 0111/ENEC+/24/M1 page 10

Object / part No.	Code	Manufacturer / trademark	Type/Model	Technical data	Standard	Marks of conformity
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
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 06 SG22H2 722 1.0	1.0A Tc85	IEC 62031	UL
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 10 SG22H2 722 1.0	1.0A Tc85	IEC 62031	UL
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 20 SG22H2 722 1.0	1.0A Tc85	IEC 62031	UL
PCB LED	B	Philips	PCBA LDGOSQ2.0 MINI 30 SG22H2 722 1.0	1.0A Tc85	IEC 62031	UL
PCB LED	B	Philips	PCBA LDGOSQ2.0 MINI 40 SG22H2 722 1.0	1.0A Tc85	IEC 62031	UL
PCB LED	B	Philips	PCBA LDGOSQ2.0 LARGE 50 SG22H2 722 1.0	1.0A Tc85	IEC 62031	UL
PCB LED	B	Philips	PCBA LDGOSQ2.0 LARGE 60 SG22H2 722 1.0	1.0A Tc85	IEC 62031	UL
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 06 SG22H2 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 10 SG22H2 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 20 SG22H2 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MINI 30 SG22H2 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MINI 40 SG22H2 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 06 SG22H2 757 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 10 SG22H2 757 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 20 SG22H2 757 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MINI 30 SG22H2 757 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MINI 40 SG22H2 757 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 06 SG22H2 740 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 10 SG22H2 740 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 20 SG22H2 740 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MINI 30 SG22H2 740 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MINI 40 SG22H2 740 1.0	1.0A Tc85	IEC 62031	LCIE

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APPENDIX TO THE LICENCE No. 0111/ENEC+/24/M1 page 11

Object / part No.	Code	Manufacturer / trademark	Type/Model	Technical data	Standard	Marks of conformity
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 06 SG22H2 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 10 SG22H2 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 20 SG22H2 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MINI 30 SG22H2 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MINI 40 SG22H2 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 06 SG22H2 722 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 10 SG22H2 722 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 20 SG22H2 722 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MINI 30 SG22H2 722 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MINI 40 SG22H2 722 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	10MOhm, 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
GPRS antenna	A	Philips	LLC7856/00 CT NODE ZHAGA DC EU4VF LG	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

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APPENDIX TO THE LICENCE No. 0111/ENEC+/24/M1 page 12

Object / part No.	Code	Manufacturer / trademark	Type/Model	Technical data	Standard	Marks of conformity
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 22W 0.2-0.7A S1 230V C123 sXt	220-240V 50...60 Hz, 0.2-0,7A Tc=85 °	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 mm2; lower terminals: 0,5-2,5 mm2 s, 1,5 — 2,5 mm2	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 1x0,75mm2 Black	0,75mm2, 300/500V	IEC 60228 EN50525-1 EN50525-2-41	IEMMEQU HAR
Connector	B	WAGO	CON WW 2P F PI 873-902	0 ,75– 4 mm2, 600 V, 6 A	EN 60998 EN 61984	KEMA-KEUR
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi SR 22W 0.2-1.0A SNEMP 230V C123 sXt	220-240V 50...60 Hz, 0.2-1.0A Tc=90 °	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi SR 40W 0.2-1.0A SNEMP 230V C123 sXt	220-240V 50...60 Hz, 0.2-1.0A Tc=90 °	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi SR 75W 0.2-1.05A SNEMP 230V C150 sXt	220-240V 50...60 Hz, 0.2-1.05A Tc=90 °	EN 61347-1, EN 61347-2-13	ENEC05

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Krakowiaków 53, 02-255 WARSAW
POLAND

APPENDIX TO THE LICENCE No. 0111/ENEC+/24/M1 page 13

Object / part No.	Code	Manufacturer / trademark	Type/Model	Technical data	Standard	Marks of conformity
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi SR 110W 0.2-1.05A SNEMP 230V C150 sXt	220-240V 50...60 Hz, 0.2-1.05A Tc=90 °	EN 61347-1, EN 61347-2-13	ENEC05
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 10 O223H2 730 1.0	max 1A, max 29W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 10 O223H2 740 1.0	max 1A, max 29W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 10 O223H2 830 1.0	max 1A, max 29W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 20 O223H2 730 1.0	max 1A, max 57W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 20 O223H2 740 1.0	max 1A, max 57W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 20 O223H2 830 1.0	max 1A, max 57W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 30 O223H2 730 1.0	max 1A, max 86W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 30 O223H2 740 1.0	max 1A, max 86W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 30 O223H2 830 1.0	max 1A, max 86W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 40 O223H2 730 1.0	max 1A, max 114W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 40 O223H2 740 1.0	max 1A, max 114W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 40 O223H2 830 1.0	max 1A, max 114W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 20 O223H2 740 2.0	max 2A, max 57W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 20 O223H2 730 2.0	max 2A, max 57W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 20 O223H2 830 2.0	max 2A, max 57W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 30 O223H2 740 2.0	max 2A, max 86W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 30 O223H2 730 2.0	max 2A, max 86W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 30 O223H2 830 2.0	max 2A, max 86W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 40 O223H2 740 2.0	max 2A, max 114W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 40 O223H2 730 2.0	max 2A, max 114W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 40 O223H2 830 2.0	max 2A, max 114W tc 95C.	IEC 62031:2018	CB
PCB LED	B	PHILIPS/Opulent	LDGOP RS 5050G2 86L20 4S 730 H24 R	1.0A, Tc95	EN 62031	Test Report No. 6188953.50 DEKRA
PCB LED	B	PHILIPS/Opulent	LDGOP RS 5050G2 86L20 4S 740 H24 R	1.0A, Tc95	EN 62031	Test Report No. 6188953.50 DEKRA
PCB LED	B	PHILIPS/Opulent	LDGOP RS 5050G2 86L10 2S 730 H24 R	1.0A, Tc95	EN 62031	Test Report No. 6188953.50 DEKRA
PCB LED	B	PHILIPS/Opulent	LDGOP RS 5050G2 86L10 2S 740 H24 R	1.0A, Tc95	EN 62031	Test Report No. 6188953.50 DEKRA
PCB LED	B	PHILIPS/Opulent	LDGOP RS 5050G2 86L20 2S 730 H24 R	1.0A, Tc95	EN 62031	Test Report No. 6188953.50 DEKRA
PCB LED	B	PHILIPS/Opulent	LDGOP RS 5050G2 86L20 2S 740 H24 R	1.0A, Tc95	EN 62031	Test Report No. 6188953.50 DEKRA
PCB LED	B	PHILIPS/Opulent	LDGOP RM 5050G2 86L40 4S 730 H24 R	1.0A, Tc95	EN 62031	Test Report No. 6188953.50 DEKRA
PCB LED	B	PHILIPS/Opulent	LDGOP RM 5050G2 86L40 4S 740 H24 R	1.0A, Tc95	EN 62031	Test Report No. 6188953.50 DEKRA
PCB LED	B	PHILIPS/Opulent	LDGOP RM 5050G2 86L30 2S 730 H24 R	1.0A, Tc95	EN 62031	Test Report No. 6188953.50 DEKRA
PCB LED	B	PHILIPS/Opulent	LDGOP RM 5050G2 86L30 2S 740 H24 R	1.0A, Tc95	EN 62031	Test Report No. 6188953.50 DEKRA

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PCB LED	B	PHILIPS/Opulent	LDGOP RM 5050G2 86L40 2S 730 H24 R	1.0A, Tc95	EN 62031	Test Report No. 6188953.50 DEKRA
PCB LED	B	PHILIPS/Opulent	LDGOP RM 5050G2 86L40 2S 740 H24 R	1.0A, Tc95	EN 62031	Test Report No. 6188953.50 DEKRA

Supplementary information:

[1)] 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

Date:*Data:* **2024-07-18**

Signature:

Signed by / Podpisano przez:

Paweł Andrzej Oziębło

Date / Data: 2024-07-18 15:05

Manager of Certification Office
Kierownik Biura Certyfikacji