



Łukasiewicz – IMiF
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POLAND

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LICENCE / CERTIFICATE

to use the European Mark

LICENCJA / CERTYFIKAT

na używanie europejskiego Znaku



Licence / Certificate No.

Licencja / Certyfikat Nr

0278/ENEC/21/M1

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Name and address of the Certificate owner:

Nazwa i adres posiadacza certyfikatu:

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):

ClearWay gen2 BGP307...II...series
 (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/AMD1:2011, EN 60598-1:2015, EN 60598-1:2015/AMD1:2018, EN 62262:2002

Test report(s):

Raporty z badań:

Z7-3/071/B/21 + Att. No. 1 (EU GD and ND rep. ref. Z7-3/071/B/1/21) dated 2021-12-13
 Z7-3/071/B/21/M1 + Att. No. 1 (EU GD and ND rep. ref. Z7-3/071/B/1/21/M1) dated 2023-03-20
 B5-3/015/B/23 performed by the Testing Laboratory Łukasiewicz-IMiF PREDOM Division (Accreditation PCA AB 003)

Note: This licence/certificate has been issued because the products modifications: The selection sheet, configuration system list and new components have been added. Uwaga: Niniejsza licencja została wydana ponieważ wyroby zostały zmodyfikowane. Zmodyfikowano arkusz wyboru, listę konfiguracji, dodano nowe komponenty.

This licence/certificate replaces the licence/ certificate:

Niniejsza licencja/certyfikat zastępuje licencję/certyfikat

0278/ENEC/21 dated / z dnia 2021-12-16

Date:

Data:

2023-03-31

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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):	ClearWay gen2 BGP307...II... - series (see bellow)
Trade mark :	PHILIPS
Technical data:	
rated voltage	220-240V
rated current	max. 0,7 A
rated frequency	50/60Hz
number of lamps	30 - 90 LEDs – core version; 6 – 40 LEDs – 4S version
type of lamp	LED
protection against electric shock	class II
degree of protection	IP 66; 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 antenna and Photocell -30...+50°C – For luminaires equipped with GPRS antenna but without Photocell -20...+50°C – For luminaires equipped with Photocell

Choice sheet of the luminaires ClearWay gen2...II... - series:

Example:

BGP307 LW10 LED120/740 II DM MSP CLO BL1 CTGO-35-DGR SRG10 12 D 48/60 BWP
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

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

1. BGP307

2. LW10

- Code of the series – with alu cover
- 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

3. LED120-4S

4. 740

- LEDGINE flux(x100) [lumen] range: from LED25 to LED109
- For ClearWay gen2 – core version
- LEDGINE flux(x100) [lumen] range: from LED6 to LED130
- For ClearWay gen2 – 4S version
- LTune versions LEDGINE number of LEDs (pcs) LED-HB
- LEDGINE version/color
- 830 - Warm White : CRI≥80, WW 3000K
- 740 - Neutral White: CRI≥70, NW 4000K
- 757 - Cool White: CRI≥70, CW 5700K
- 518 - ClearStar Warm White 3000K
- 420 - ClearStar Neutral White 4000K
- 727 - Warm White 2700K – CRI70
- 722 - Warm White 2200K – CRI70
- 730 - Warm White 3000K – CRI70

5. II

6. DM

- Safety Class II
- Optic DM10, DM11, DM12, DM13, DM30, DM31, DM32, DM33, DM50, DM52, DM65, DM70, DN08, DN09, DN10, DN11, DN25, DN26, DN33, DN50, DS50, DS51, DW10, DW12, DW30, DW50, DW52, DX10, DX50, DX51, DX52, DX60, DX65, DX70, DRM1, DRM2, DRN1, DRN2, DPL1, DPR1, DRXN0, DRXN1 – Road distribution – 4S version
- DM, DW - Road distribution – Core version

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7. MSP

- MSP: Marine salt protected coating
- ALU: Unpainted
- GR: Color painting – RAL7035 color
- DGR: Color painting – Philips Ult Dark Grey RAL10714
- RAL: Color painting – RAL colors
- CLRCH: Color painting – Akzo colors

8. CLO

- CLO: Constant Lumen output
- D9: Dimming via external communication DALI
- D11/12 Dimming via line switch
- D13 Mains dimming (Ampdim)
- D18 DynaDimmer integrated in drive
- D24 DynaDimmer int. DALI unprog.
- D28 Dimming via coded mains voltage
- D9: External dimming Dali
- DDF: DynaDimmer with fixed presets version
- LS-6/LS-8/CM4: DynaDimmer with fixed presets version / Lumistep 6/8 hours 50%/ coded mains

CLO-DDF1/CLO-DDF2/CLO-DDF3/CLO-DDF:

- CLO + DynaDimmer with fixed presets version
- CLO-LS-6/CLO-LS-8/CLO-CM4:

- CLO + Lumistep 6/8 hours 50% / coded mains

9. BL1

- Louvers BL1-Limited backlight cut-off, BL2-Sharp backlight cut-off
- CLL-Comfort Layout of LEDS
- CLL-BL1- Limited backlight cut-off- Comfort Layout of LEDS
- CLL- BL2- Sharp backlight cut-off- Comfort Layout of LEDS

10. CTGO-35-DGR

- Connect app sr DGR 35lux
- P1/P1-5/P1-7/ P1-5-5/ P1-7-5/ P1-7-7 Nema socket
- P1-CP/P1-5-CP/P1-7-CP/ P1-5-5-CP/ P1-7-5-CP/ P1-7-7-CP Nema socket with cup
- P3-35: Photocell ver. Minicell 20 mm hole, set for35
- CTG-DGR: Photocell:
- P1-x: Nema socket for photocell
- PZD- 35/55/70, P3-35/55/70: Photocell ver. Minicell 20 mm hole, set for 35/55/75 lx CTG-DGR, CTG-LGR, CTG-35-DGR, CTG-55-DGR, CTG-70-DGR, CTG-35-LGR, CTG-55-LGR, CTG-70-LGR, CTGO-DGR, CTGO-35-DGR, CTGO-55-DGR, CTGO-70-DGR, CTGO-AC-DGR CTGO-LGR, CTGO-35-LGR, CTGO-55-LGR, CTGO-70-LGR, CTGO-AC-LGR, CTGN-DGR, CTGN-35-DGR, CTGN-55-DGR, CTGN-70-DGR, CTGN-AC-DGR,SRT, EZR, PSC, PSC-35, PSC-55, PSC-70,PZC-35-0.5, PZC-55-0.5, PZC-70-0.5, P1-M ,IACZ-4-DGR',IACZ-4-35-DGR',IACZ-4-55-DGR',IACZ-4-70-DGR',IACZ-4-LGR',IACZ-4-35-LGR',IACZ-4-55-LGR',IACZ-4-70-LGR',IACZ-4-AC-DGR',IACZ-4-AC-LGR',IACZ-RF-DGR',IACZ-RF-35-DGR',IACZ-RF-55-DGR',IACZ-RF-70-DGR',IACZ-RF-LGR',IACZ-RF-35-LGR',IACZ-RF-55-LGR',IACZ-RF-70-LGR',IACZ-RF-AC-DGR',IACZ-RF-AC-LGR'

11. SRG10

- STD- standard surge
- STDE - add. resistors;for non conductive pole
- SRG10 - Surge protection level 10kV (differential and common mode)
- SDM10 - Surge protection level 10kV (differential mode, no SPD GND connected))
- SRG10E - SRG10+ESD (add. resistors;for non conductive pole)
- SDM10E - SDM10+ESD (non conductive pole, no SPD GND connected)

12. 22
13. D

- Cable length 4m-22 m
- D: Cable finish – Protective earth wire and gray wire insulated
- B: Cable finish – Protective earth wire insulated
- “-“ : Cable finish - Standard (no cable insulated)
- CE7: Cable finish - CEE connector with 7 conductor , power cable with connector colosio M140MN_3/ M140MN_5 only for cable H07RNF

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14. 48/60

- F: Cable finish - Gray wire insulated
- L: Cable finish - Protective earth wire, gray wire and black wire insulated
- Q: Cable finish - Gray wire and black wire insulated
- Type of spigot:

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

15. BWP

- Type of packaging:
CT: carton box
BWP: multipack

List of LED's and electronic driver's system for core version:

LED's and electronic led driver system	PCB LED	Driver	Current
LED Example: LED25 – 2500lm LED30 – 3000lm LED35 – 3500lm LED40 – 4000lm LED45 – 4500lm LED54 – 5400lm LED69 – 6900lm LED84 – 8400lm LED99 – 9900lm LED109 – 10900lm	PCB XXX XXX XX Example: PCBA MIDS1.1 21x10 60 MP18H2 740 0.7 PCBA MIDS1.1 27x12 90 MP18H2 740 0.65 PCBA MIDS1.1 21x10 60 MP18H2 730 0.7 PCBA MIDS1.1 27x12 90 MP18H2 730 0.65 PCBA MIDS1.1 11x09 30 MP18H2 740 0.72 PCBA MIDS1.1 11x09 30 MP18H2 730 0.72 (60 –no of LEDs; W740 –color temp)	Xi FP xxW xxxA xxxxx Example: Xi FP 22W 0.3-1.0A SNLDA S175 230V sXt Xi FP 22W 0.2-0.7A SNLDA S175 230V sXt Xi FP 40W 0.2-0.7A SNLDAE S175 230V sXt Xi LP 40W 0.2-0.7A SN 230V S175 sXt Xi FP 75W 0.2-0.7A SNLDAE 230V S240 sXt Xi LP 75W 0.2-0.7A SN 230V S240 sXt Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt Xi LP 150W 0.2-0.7A SN 230V S240 sXt Xi SR 22W 0.2-0.7A SNEMP 230V S240 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 150W 0.2-0.7A SNEMP 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 150W 0.2-0.7A SNLCDAE 230V S240 Sxt Xi FP 22W 0.2-0.7A SNLDAE 230V C123 sXt Xi FP 40W 0.2-0.7A SNLDAE 230V C123 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 22W 0.2-0.7A S1 230V C123 sXt Xi LP 40W 0.2-0.7A S1 230V C123 sXt Xi LP 75W 0.2-0.7A S1 230V C133 sXt Xi LP 110W 0.2-0.7A S1 230V C133 sXt Xi BP 22W 0.2-0.7A S 230V C123 sXt Xi BP 40W 0.2-0.7A S 230V C123 sXt Xi BP 75W 0.2-0.7A S 230V C133 sXt Xi BP 110W 0.2-0.7A S 230V C133 sXt (40W – max power; 0.2-0.7A – operation current)	max.1,0A

List of LED's and electronic led driver's system for 4S version:

LED's and electronic led driver system	PCB LED	Driver	Current
LED Example: LED6 – 600lm LED8 – 800lm LED10 – 1000lm LED12 – 1200lm LED14 – 1400lm LED15 – 1500lm LED16 – 1600lm LED18 – 1800lm LED25 – 2500lm	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 006 OS3H2-17 740 x2 PCBA LDGOSQ1.0 MICRO 006 OS3H2-17 830 x2 PCBA LDGOSQ1.0 MICRO 006 OS3H2-17 757 x2 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 010 OS3H1-18 740 x2	Xi FP xxW xxxA xxxxx Example: Xi FP 22W 0.3-1.0A SNLDA S175 230V sXt Xi FP 22W 0.2-0.7A SNLDA S175 230V sXt Xi FP 40W 0.2-0.7A SNLDAE S175 230V sXt Xi LP 40W 0.2-0.7A SN 230V S175 sXt Xi FP 75W 0.2-0.7A SNLDAE 230V S240 sXt Xi LP 75W 0.2-0.7A SN 230V S240 sXt Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt Xi LP 150W 0.2-0.7A SN 230V S240 sXt Xi SR 22W 0.2-0.7A SNEMP 230V S240 sXt	max.1,0A

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LED30 – 3000lm LED35 – 3500lm LED40 – 4000lm LED45 – 4500lm LED54 – 5400lm LED69 – 6900lm LED84 – 8400lm LED99 – 9900lm LED109 – 10900lm LED120 – 12000lm LED130 – 13000lm	PCBA LDGOSQ1.0 MICRO 010 OS3H1-18 757 x2 PCBA LDGOSQ1.0 MICRO 020 OS3H1-18 740 x2 PCBA LDGOSQ1.0 MICRO 020 OS3H1-18 757 x2 PCBA LUMA MICRO 10 OSLONG3 NW PCBA LUMA MICRO 10 OSLONG3 WW PCBA LUMA MICRO 10 OSLONG3 CW PCBA LUMA MICRO 20 OSLONG3 NW PCBA LUMA MICRO 20 OSLONG3 WW PCBA LUMA MICRO 20 OSLONG3 CW PCBA LUMA MICRO 10 OSLONG3 NW x2 PCBA LUMA MICRO 10 OSLONG3 WW x2 PCBA LUMA MICRO 10 OSLONG3 CW x2 PCBA LUMA MICRO 20 OSLONG3 NW x2 PCBA LUMA MICRO 20 OSLONG3 WW x2 PCBA LUMA MICRO 20 OSLONG3 CW x2 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 06 O119H1 740 1.0 x2 PCBA LDGOSQ2.0 MICRO 06 O118H1 830 1.0 x2 PCBA LDGOSQ2.0 MICRO 06 O119H1 757 1.0 x2 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 10 O119H1 740 1.0 x2 PCBA LDGOSQ2.0 MICRO 10 O118H1 830 1.0 x2 PCBA LDGOSQ2.0 MICRO 10 O119H1 757 1.0 x2 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 MICRO 06 O220H2 740 1.0 PCBA LDGOSQ2.0 MICRO 10 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 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 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 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 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 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 MICRO 06 SG21H2 830 1.0 PCBA LDGOSQ2.0 MICRO 10 SG21H2 830 1.0 PCBA LDGOSQ2.0 MICRO 20 SG21H2 830 1.0	Xi SR 40W 0.2-0.7A SNEMP 230V C133s Xt Xi SR 75W 0.2-0.7A SNEMP 230V S240 sXt Xi SR 150W 0.2-0.7A SNEMP 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 150W 0.2-0.7A SNLCDAE 230V S240 sX Xi FP 22W 0.2-0.7A SNLDAE 230V C123 sXt Xi FP 40W 0.2-0.7A SNLDAE 230V C123 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 22W 0.2-0.7A S1 230V C123 sXt Xi LP 40W 0.2-0.7A S1 230V C123 sXt Xi LP 75W 0.2-0.7A S1 230V C133 sXt Xi LP 110W 0.2-0.7A S1 230V C133 sXt Xi BP 22W 0.2-0.7A S 230V C123 sXt Xi BP 40W 0.2-0.7A S 230V C123 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 S240 sXt Xi FP 110W 0.3-1.0A SNLDAE 230V C133 sXt Xi FP 75W 0.3-1.0A SNLDAE 230V C133 sXt Xi FP 40W 0.3-1.0A SNLDAE 230V C123 sXt LCO 40 W 200–1050 mA + NFC C PRE3 LCO 24 W 200–1050 mA pD+ NFC PRE3 LCO 24 W 200–1050 mA pD+ NFC PRE3 LCO 90 W 200–1050 mA pD+ NFC PRE3 LCO 40 W 200–1050 mA one4all NFC C EXC3 LCO 24 W 200–1050 mA one4all NFC C EXC3 LCO 40 W 200–1050 mA one4all NFC C EXC3 LCO 40 W 200–1050 mA one4all NFC C EXC3 LCO 90 W 200–1050 mA one4all NFC C EXC3 (40W – max power; 0.2-0.7A – operation current)
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List of components:

Object / part No.	Code	Manufacturer/ trademark	Type/Model	Technical data	Standard	Marks of conformity
Connector	B	Electro Terminal	CON WW 5P M H SMT 88167916	0,5-2,5mm ² , 24A/300V, T 85 °C	EN60598-1	ÖVE
Connector	B	Tyco electronics	2213899-3 Nema 5 Pin Socket	Max15A, max 480V	IEC 61984	UL-EU-01349, UL test report no. 4787912419
Terminal block	B	BJB	46.411.7000.50	0,5-2,5mm ² , 16A/450V	EN61984	VDE
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
GPRS antenna	A	PHILIPS	LLC7251 CityTouch LG	15-24V, DC -30°C...+60°C	EN61347	ENEC05
GPRS antenna	A	PHILIPS	LLC7250 CityTouch DG	15-24V, DC -30°C...+60°C	EN61347	ENEC05
Antenna	A	PHILIPS	LLC7305/00 STARSENSE WIRELESS LS	220-240V, 50-60Hz, Ta=-30...+65°C, Tc80°C	EN61347-2-11	ENEC05
Antenna	A	PHILIPS	LLC7303/00 STARSENSE WIRELESS 1-10V/DALI LS	220-240V, 50-60Hz, Ta=-30...+65°C, Tc=80°C	EN 61347-2-11	ENEC05
Photocell	B	Zodion	Precision Halo F6365-001	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 70lux	-20°C...+75°C, 198-264V	EN 61347-2-11	C12404TR1
Photocell	B	Zodion	SS12C 55lux	-20°C...+75°C, 198-264V	EN 61347-2-11	C12404TR1
Photocell	B	Zodion	SS12C 35lux	-20°C...+75°C, 198-264V	EN 61347-2-11	C12404TR1
Photocell	A	Philips	EASYAIR SNO110	21.6...26.4 VDC, ta -30...+50°C	EN 61347-2-11	CB
Photocell	B	Legrand	MOT SR FDP-301SR-L2-TG	12-20 VDC, 16 mA	EN 60730-1	UL TRF 4788395636-20180530
Photocell	B	Legrand	MOT SR FDP-301SR-L7-TG	12-20 VDC, 16 mA	EN 60730-1	UL TRF 4788395636-20180530
Surge Protective Device	B	CPT CIRPROTEC	NSS-10/230-D-LCF-P	Imax 10kA In 5kA Un 230V (50/60Hz) Uoc 10kV Uc(L1-L2/PE) 420V Uc(L1-L2) 320V Temperature range: -40°C to 80°C	IEC 61643-11	CB
Surge Protective Device	B	CPT CIRPROTEC	NSB-10/230-C3-DD	Imax 10kA In 5kA Un 230V (50/60Hz) Uoc 10kV Uc(L1-L2/PE) 420V Uc(L1-L2) 320V Temperature range: -40°C to 80°C	IEC 61643-11	CB
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS N.A. Advance	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

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Object / part No.	Code	Manufacturer/ trademark	Type/Model	Technical data	Standard	Marks of conformity
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS N.A. Advance	Xi FP 22W 0.2-0.7A SNLDA S175 230V 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 N.A. Advance	Xi FP 22W 0.2-0.7A SNLDA C123 230V 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 N.A. Advance	Xi FP 40W 0.2-0.7A SNLDA C123 230V 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 N.A. Advance	Xi FP 75W 0.2-0.7A SNLDA C133 230V 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 N.A. Advance	Xi FP 110W 0.2-0.7A SNLDA C133 230V 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 N.A. Advance	Xi FP 22W 0.3-1.0A SNLDA S175 230V sXt	220-240V 50...60 Hz 0.3-1.0A Tc=85 °	EN 61347-1 EN 61347-2-13	ENEC 05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS N.A. Advance	Xi FP 40W 0.2-0.7A SNLDAE S175 230V 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 N.A. Advance	Xi LP 40W 0.2-0.7A SN 230V S175 sXt	220-240V; 50...60 Hz 0.2-0.7A Tc=80 °C	EN 61347-1 EN 61347-2-13	ENEC 05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS N.A. Advance	Xi SR 40W 0.2-0.7A SNEMP 230V C133 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 N.A. Advance	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 N.A. Advance	Xi LP 75W 0.2-0.7A SN 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 N.A. Advance	Xi SR 75W 0.2-0.7A SNEMP 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 N.A. Advance	Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt	220-240V; 50...60 Hz 0.2-0.7A Tc=90°C	EN 61347-1 EN 61347-2-13	ENEC 05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS N.A. Advance	Xi LP 150W 0.2-0.7A SN 230V S240 sXt	220-240V; 50...60 Hz 0.2-0.7A Tc=90°C	EN 61347-1 EN 61347-2-13	ENEC 05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS N.A. Advance	Xi SR 150W 0.2-0.7A SNEMP 230V S240 sXt	220-240V; 50...60 Hz 0.2-0.7A Tc=90°C	EN 61347-1 EN 61347-2-13	ENEC 05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS N.A. Advance	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	ENEC 05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS N.A. Advance	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 N.A. Advance	Xi FP 150W 0.2-0.7A SNLCDAE 230V S240 sXt	220-240V; 50...60 Hz 0.2-0.7A Tc=90°C	EN 61347-1 EN 61347-2-13	ENEC 05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS N.A. Advance	Xi LP 75W 0.2-0.7A S1 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 N.A. Advance	Xi FP 110W 0.3-1.0A SNLDAE 230V C133 sXt	220-240V; 50...60 Hz 0.3-100 Tc=90°C	EN 61347-1 EN 61347-2-13	ENEC 05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS N.A. Advance	Xi FP 75W 0.3-1.0A SNLDAE 230V C133 sXt	220-240V; 50...60 Hz 0.3-100; Tc=80°C	EN 61347-1 EN 61347-2-13	ENEC 05

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Object / part No.	Code	Manufacturer/ trademark	Type/Model	Technical data	Standard	Marks of conformity
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS N.A. Advance	Xi FP 40W 0.3-1.0A SNLDAE 230V C123 sXt	220-240V; 50...60 Hz 0.3-100; Tc=85°C	EN 61347-1 EN 61347-2-13	ENEC 05
POWER CABLE IP68	B	COLOSIO	M140MN/3, M140MN/5,	250 - 450V, IP68	EN 60998 EN 60335	IMQ, CE
Cable for mains	B	PEC SO CAVI SRL	H05VV-F 5G1,5/3G1,5	1,5mm ² , 300/500V	EN 50525-2-11	VDE
Cable for mains	B	PEC SO CAVI SRL	H05VV-F 5G2,5/3G2,5	2,5mm ² , 300/500V	EN 50525-2-11	VDE
Cable for mains	B	PEC SO CAVI SRL	H05RR-F 5G1,5/3G1,5	1,5mm ² , 300/500V	CEI EN 50525-2-21, IEC 60245-4	VDE
Cable for mains	B	nkt	H05VV-F 5G1,5/3G1,5	1,5mm ² , 300/500V	PN-EN 50525-2-11	EZU
Cable for mains	B	nkt	H05VV-F 5G2,5/3G2,5	2,5mm ² , 300/500V	PN-EN 50525-2-11	EZU
Cable for mains	B	nkt	H05VV-U 5G1,5/3G1,5	1,5mm ² , 300/500V	DIN VDE 0250-204	VDE
Cable for mains	B	XBK	H05VV-U 5G1,5/3G1,5	1,5mm ² , 300/500V	DIN VDE 0250-204	VDE
Cable for mains	A	Nexans	H07RN-F 5G1/3G1	1mm ² , 450/750V	CEI EN 50525-2-21	HAR
Cable for mains	A	Nexans	H07RN-F 5G1,5/3G1,5	1,5mm ² , 450/750V	CEI EN 50525-2-21	HAR
Cable for mains	A	Nexans	H07RN-F 5G2,5/3G2,5	2,5mm ² , 450/750V	CEI EN 50525-2-21	HAR
Cable for mains	A	La Triventa Cavi SPA	H07RN-F 5G1/3G1	1mm ² , 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 ² , 450/750V	IEC 60245-4	HAR
Cable for mains	A	La Triventa Cavi SPA	H07RN-F 5G2,5/3G2,5	2,5mm ² , 450/750V	IEC 60245-4	HAR
Cable for mains	B	HELUKABEL	H07RN-F 5G1,5/3G1,5	1,5mm ² , 450/750V	IEC 60245-3	VDE
Cable for mains	A	General Cavi SPA	H07BQ-F 5G1,5/3G1,5	1,5mm ² , 450/750V	EN 50525-2-21	HAR
Cable for mains	B	Elpar	H07RN-F 5G1/3G1	1mm ² , 450/750V	PN EN 60228	VDE
Cable for mains	B	Elpar	H07RN-F 5G1,5/3G1,5	1,5mm ² , 450/750V	PN EN 60228	VDE
Cable for mains	B	Elpar	H07RN-F 5G2,5/3G2,5	2,5mm ² , 450/750V	PN EN 60228	VDE
Cable for mains	B	Elpar	H05VV-F 5G1,5/3G1,5	1,5mm ² , 300/500V	EN 50525-2-11	VDE
Cable for mains	B	Elpar	H05VV-F 5G2,5/3G2,5	2,5mm ² , 300/500V	EN 50525-2-11 IEC 60227-5	VDE
Cable for mains	B	Elpar	H07RN-F 3G2,5	2,5mm ² , 450/750V	PN EN 60228	VDE
Cable for mains	A	ElettroBrescia	H07RN-F 5G1/3G1	1mm ² , 450/750V	EN 50525-2-21	HAR
Cable for mains	A	ElettroBrescia	H07RN-F 5G1,5/3G1,5	1,5mm ² , 450/750V	EN 50525-2-21	HAR
Cable for mains	A	ElettroBrescia	H07RN-F 5G2,5/3G2,5	2,5mm ² , 450/750V	EN 50525-2-21	HAR
Cable for mains	A	ElettroBrescia	H05VV-F 5G1,5/3G1,5	1,5mm ² , 300/500V	EN 50525-2-11	HAR
Cable for mains	B	ElettroBrescia	H05VV-F 5G2,5/3G2,5	2,5mm ² , 300/500V	EN 50525-2-11	VDE
Cable for mains	B	ElettroBrescia	H05RR-F 5G1,5/3G1,5	1,5mm ² , 300/500V	EN 50525-2-21	VDE
Cable for mains	B	CMK Cabo	H05VV-FP 5G1,5/3G1,5	1,5mm ² , 300/500V	BS6004	BASEC
Cable for mains	B	CMK Cabo	H05VV-FP 3G2,5	2,5mm ² , 300/500V	BS6004	BASEC
Cable for mains	B	Draka	XVB-F2-Cca 3G1,5/4G1,5	1,5mm ² , 0,6/1 kV Cca-s3,d2,a3	HD 604 EN 50575 EN 13501-6	DEKRA

Object / part No.	Code	Manufacturer/ trademark	Type/Model	Technical data	Standard	Marks of conformity
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 006 OS3H1-18 740	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 006 OS3H2-17 830	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 006 OS3H1-18 757	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 010 OS3H1-18 740	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 010 OS3H1-18 757	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 020 OS3H1-18 740	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 020 OS3H1-18 757	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA MIDS1.1 21x10 60 MP18H2 740 0.7	1.0A Tc85	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA MIDS1.1 27x12 90 MP18H2 740 0.65	1.0A Tc85	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCB LUMA MICRO 10 OSLONG3 NW	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCB LUMA MICRO 10 OSLONG3 WW	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCB LUMA MICRO 10 OSLONG3 CW	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCB LUMA MICRO 20 OSLONG3 NW	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCB LUMA MICRO 20 OSLONG3 WW	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCB LUMA MICRO 20 OSLONG3 CW	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA MIDS1.1 21x10 60 MP18H2 740 0.7	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA MIDS1.1 27x12 90 MP18H2 740 0.65	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 06 O119H1 740 1.0	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 06 O118H1 830 1.0	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 06 O119H1 757 1.0	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 10 O119H1 740 1.0	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B

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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 10 O118H1 830 1.0	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 10 O119H1 757 1.0	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 O119H1 740 1.0	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 O118H1 830 1.0	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ 2.0 MICRO 20 O219H1 722 1.0	1.0A Tc85	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ 2.0 MICRO 20 O219H1 727 1.0	1.0A Tc85	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ 2.0 MICRO 20 HP18H1 730 1.0	1.0A Tc85	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ 2.0 MICRO 10 O219H1 722 1.0	1.0A Tc85	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ 2.0 MICRO 10 O219H1 727 1.0	1.0A Tc85	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ 2.0 MICRO 10 HP18H1 730 1.0	1.0A Tc85	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ 2.0 MICRO 06 O219H1 722 1.0	1.0A Tc85	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ 2.0 MICRO 06 O219H1 727 1.0	1.0A Tc85	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ 2.0 MICRO 06 HP18H1 730 1.0	1.0A Tc85	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA MIDS1.1 21x10 60 MP18H2 730 0.7	1.0A Tc85	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA MIDS1.1 27x12 90 MP18H2 730 0.65	1.0A Tc85	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA MIDS1.1 11x09 30 MP18H2 740 0.72	1.0A Tc85	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA MIDS1.1 11x09 30 MP18H2 730 0.72	1.0A Tc85	EN 62031	TRF LCIE 143254-689379B
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 O119H1 757 1.0	1.0A Tc65	EN 62031	TRF LCIE 143254-689379B
Wire	B	Omerin	H07 S-S 1x0,75mm ² Black	0,75mm ² , 300/500V	EN 50525-1 EN 50363-1	VDE
Wire	B	Omerin	H07 S-S 1x0,75mm ² White	0,75mm ² , 300/500V	EN 50525-1 EN 50363-1	VDE
Wire	B	Omerin	H07 S-S 1x0,75mm ² Red	0,75mm ² , 300/500V	EN 50525-1 EN 50363-1	VDE
Wire	B	Omerin	180-1-1-FV 1x0,75mm ² White	0,75mm ² , 300/500V	IEC 60228	VDE
Wire	B	Omerin	180-1-1-FV 1x0,75mm ² Black	0,75mm ² , 300/500V	IEC 60228	VDE

Object / part No.	Code	Manufacturer/ trademark	Type/Model	Technical data	Standard	Marks of conformity
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 Temperature range: -40°C to 80°C	IEC 61643-11	CB
Bleeder Resistor	B	Plati	VRW68	10MΩ, 10kV, insulation 700V, 165°C	IEC 60065	VDE
Wire	B	OMERIN	R6Y6YS	0,75mm ² , 300/500V	DIN57250-106	VDE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 06 Q220H2 740 1.0	1.0A Tc85	EN 62031	TRF-160995- 735617-V1
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 10 Q220H2 740 1.0	1.0A Tc85	EN 62031	TRF-160995- 735617-V1
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 Q220H2 740 1.0	1.0A Tc85	EN 62031	TRF-160995- 735617-V1
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 06 Q220H2 830 1.0	1.0A Tc85	EN 62031	TRF-160995- 735617-V1
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 10 Q220H2 830 1.0	1.0A Tc85	EN 62031	TRF-160995- 735617-V1
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 Q220H2 830 1.0	1.0A Tc85	EN 62031	TRF-160995- 735617-V1
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 06 Q220H2 757 1.0	1.0A Tc85	EN 62031	TRF-160995- 735617-V1
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 10 Q220H2 757 1.0	1.0A Tc85	EN 62031	TRF-160995- 735617-V1
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 Q220H2 757 1.0	1.0A Tc85	EN 62031	TRF-160995- 735617-V1
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 06 Q220H2 730 1.0	1.0A Tc85	EN 62031	TRF-160995- 735617-V1
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 10 Q220H2 730 1.0	1.0A Tc85	EN 62031	TRF-160995- 735617-V1
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 Q220H2 730 1.0	1.0A Tc85	EN 62031	TRF-160995- 735617-V1
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS N.A. Advance	Xi SR 22W 0.2-0.7A SNEMP 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 LIGHTING ELECTRONICS N.A. Advance	Xi SR 40W 0.2-0.7A SNEMP 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 LIGHTING ELECTRONICS N.A. Advance	Xi SR 75W 0.2-0.7A SNEMP 230V S240 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 LIGHTING ELECTRONICS N.A. Advance	Xi SR 150W 0.2-0.7A SNEMP 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	Tridonic	LCO 40 W 200-1050 mA + NFC C PRE3	220-240V 50...60 Hz 0.2-1.0A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC11
Electronic led driver	A	Tridonic	LCO 24 W 200-1050 mA pD+ NFC PRE3	220-240V 50...60 Hz 0.2-1.0A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC11
Electronic led driver	A	Tridonic	LCO 24 W 200-1050 mA pD+ NFC PRE3	220-240V 50...60 Hz 0.2-1.0A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC11
Electronic led driver	A	Tridonic	LCO 90 W 200-1050 mA pD+ NFC PRE3	220-240V 50...60 Hz 0.2-1.0A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC11
Electronic led driver	A	Tridonic	LCO 40 W 200-1050 mA one4all NFC C EXC3	220-240V 50...60 Hz 0.2-1.0A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC11
Electronic led driver	A	Tridonic	LCO 24 W 200-1050 mA one4all NFC C EXC3	220-240V 50...60 Hz 0.2-1.0A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC11
Electronic led driver	A	Tridonic	LCO 40 W 200-1050 mA one4all NFC C EXC3	220-240V 50...60 Hz 0.2-1.0A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC11

Object / part No.	Code	Manufacturer/ trademark	Type/Model	Technical data	Standard	Marks of conformity
Electronic led driver	A	Tridonic	LCO 40 W 200–1050 mA one4all NFC C EXC3	220-240V 50...60 Hz 0.2-1.0A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC11
Electronic led driver	A	Tridonic	LCO 90 W 200–1050 mA one4all NFC C EXC3	220-240V 50...60 Hz 0.2-1.0A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC11
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 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 LP 75W 0.2-0.7A S1 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 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 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 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
Surge Protective Device	B	CPT CIRPROTEC	NSS-10/230-C4-WD	Imax 10kA In 5kA Un 230V (50/60Hz) Uoc 10kV UC(L1-L2/PE) 420V UC(L1-L2) 320V Temperature range: -40°C to 80°C	IEC 61643-11	CB
Surge Protective Device	A	CPT CIRPROTEC	SPD NSS-10/230-C2-PP	Imax 10kA In 5kA Uoc 10kV	EN 61643-11	ENEC05
Surge Protective Device	A	CPT CIRPROTEC	SPD NSS-10/230-C4-PP	Imax 10kA In 5kA Uoc 10kV	EN 61643-11	ENEC05
Wire	B	BLF	H05S-U H05S-K 1x0,75mm2 Black	0,75mm2, 300/500V	IEC 60228 EN50525-1 EN50525-2-41	IEMMEQU HAR
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 06 SG21H2 740 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 10 SG21H2 740 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 20 SG21H2 740 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 06 SG21H2 730 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 10 SG21H2 730 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 20 SG21H2 730 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 06 SG21H2 830 1.0	1.0A Tc85	EN 62031	LCIE

APPENDIX TO THE LICENCE/CERTIFICATE No. 0278/ENEC/21/M1
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Object / part No.	Code	Manufacturer/ trademark	Type/Model	Technical data	Standard	Marks of conformity
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 10 SG21H2 830 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	Philips	PCBA LDGOSQ2.0 MICRO 20 SG21H2 830 1.0	1.0A Tc85	EN 62031	LCIE
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS N.A. Advance	Xi FP 22W 0.2-0.7A SNLDAE 230V C123 sXt	220-240V 50...60 Hz 0.2-0,7A Tc=85 °	EN 61347-1 EN 61347-2-13	ENEC 05
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: 2023-03-31 **Signature:**