



Łukasiewicz- IMiF PREDOM Division
53, Krakowiaków Str.
02-255 WARSAW, POLAND

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LICENCE

to use the ENEC+ Mark



Licence/Certificate No. / Licencja/ Certyfikat Nr **0071/ENEC+ /22/M1**

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:

Zgodnie z warunkami przedstawionymi na następujących stronach tego dokumentu, licencja na używanie Znaku ENEC+ w połączeniu z przyrostkiem 30, jak ukazano powyżej, została wydana dla:

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

For the product: Dla wyrobów:

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

Trade name(s): 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 – see the Appendix/ szczegóły, – patrz Załącznik)

Complying with the following EPRS for performance: Zgodnymi z następującym EPRS dot. cech funkcjonalnych
EPRS 003:2018-05 based on/ opartym na

EN 62722-2-1: 2016 – see the test report / patrz raport z badań Z7-3/155/B/21 (+ Appendixes No.1, No.2, No.3, No.4 – Lists of the luminaires - on CD) dated 04.02.2022; Z7-3/155/B/21/M1 (+ Appendixes No.1, No.2, No.3, No.4, No.5, No.6, No.7 – Lists of the luminaires - on CD) dated 10.11.2022 performed by the Testing Laboratory Łukasiewicz - IMiF PREDOM Division (Accreditation PCA AB 003)

This ENEC+ Licence/Certificate is only valid in conjunction with: Niniejsza Licencja/certyfikat ENEC+ jest ważna tylko w połączeniu z

ENEC Licence/Certificate No.: Licencją/ Certyfikatem ENEC Nr:

0265/ENEC/21/M3 dated 08-11-2022 issued by: Łukasiewicz-IMiF PREDOM Division

Note: This licence/certificate has been issued because the products modifications: Added a new version of the housing. The selection sheet, configuration system list and new components have been added. The safety ENEC certificate has been updated with new number 0265/ENEC/21/M3 dated 08-11-2022.

Uwaga: Niniejsza licencja została wydana ponieważ wyroby zostały zmodyfikowane. Dodano nową wersję obudowy. Zmodyfikowano arkusz wyboru oraz listę konfiguracji systemu, dodano nowe komponenty. Certyfikat bezpieczeństwa ENEC został zaktualizowany na 0265/ENEC/21/M3 datę 08-11-2022.

Date: Data 14-11-2022

Signatures:

Name:

Józef Foks

Filip Walczak

Position:

Certification Office
Łukasiewicz- IMiF PREDOM

Leader 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.

Niniejsza licencja została wydana zgodnie z założeniem i pod warunkiem, że licencjodawca posiada wszelkie niezbędne prawa w odniesieniu do wyrobu przedstawionego do badań i certyfikacji.

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



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Name and address of the license holder/manufacturer:	Signify Poland Sp. z o.o. O/Kętrzyn ul. Chrobrego 8, 11-400 Kętrzyn, Poland
Address of the factory:	Signify Poland Sp. z o.o. O/Kętrzyn ul. Chrobrego 8, 11-400 Kętrzyn, Poland
Name of product:	Luminaires for road and street lighting
Type (model):	UniStreet gen2 BGP280 / BGP281 / BGP282 / BGP283 / BGP284; LumiStreet gen2 BGP290 / BGP291 / BGP292 / BGP293 / BGP294; LumiStreet Pro gen2 BGP390 / BGP391 / BGP392 / BGP393 / BGP394...II...- series (see below)
Trade mark:	PHILIPS
Technical data:	
rated voltage	~220-240V
rated current	max. 1,1A
rated frequency	50/60Hz
number of lamps	6 – 180 LEDs
type of lamp	LED
protection against electric shock	class II
degree of protection	IP 66, IK08, IK09
classification of the luminaires, with respect to the supporting material	normal
mains connections	connector
ta	-40...+50°C – For luminaires not equipped with GPRS, RF antenna, Line Switch DALI and Photocell -30...+50°C – For luminaires equipped with GPRS antenna but without Photocell and Line Switch DALI -20...+50°C – For luminaires equipped with Photocell, Line Switch DALI
input Power (W):	BGP280.../BGP290.../BGP390...II...- series: from 6,3W to 40,5W BGP281.../BGP291.../BGP391...II...- series: from 5,2W to 63W BGP282.../BGP292.../BGP392...II...- series: from 9,2W to 116W BGP283.../BGP293.../BGP393...II...- series: from 26W to 158W BGP284.../BGP294.../BGP394...II...- series: from 76W to 245W For details see the Appendixes No.1, No.2, No.3, No.4, No.5, No.6, No.7 to the TR Z7-3/155/B/21/M1 dated 10.11.2022 – Lists of the luminaires - on CD
luminous Flux (lm):	BGP280.../BGP290.../BGP390...II...- series: from 595,2lm to 5100lm BGP281.../BGP291.../BGP391...II...- series: from 203lm to 8554lm BGP282.../BGP292.../BGP392...II...- series: from 472,5lm to 16020lm BGP283.../BGP293.../BGP393...II...- series: from 1540lm to 23920lm BGP284.../BGP294.../BGP394...II...- series: from 3675lm to 37800lm For details see the Appendixes No.1, No.2, No.3, No.4, No.5, No.6, No.7 to the TR Z7-3/155/B/21/M1 dated 10.11.2022 – 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)	BGP280.../BGP290.../BGP390...II...- series: from 83lm/W to 152lm/W BGP281.../BGP291.../BGP391...II...- series: from 35lm/W to 155lm/W BGP282.../BGP292.../BGP392...II...- series: from 39lm/W to 159lm/W BGP283.../BGP293.../BGP393...II...- series: from 44lm/W to 165lm/W BGP284.../BGP294.../BGP394...II...- series: from 45lm/W to 167lm/W For details see the Appendixes No.1, No.2, No.3, No.4, No.5, No.6, No.7 to the TR Z7-3/155/B/21/M1 dated 10.11.2022 – Lists of the luminaires - on CD
lamp type/rating.....	PCBA LDGOSQ2.0 MICRO 06 O219H1 727 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 727 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 727 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 727 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 727 1.0 PCBA LDGOSQ2.0 MINI 40 O219H1 727 1.0 PCBA LDGOSQ2.0 MINI 40 O119H1 730 1.0



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	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 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
Luminaire (Type A, B, C)	Type A - Luminaires using LED modules where compliance with EN 62717 has been proven
Ambient Temperature (tq) :	25°C



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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....:

Example of symbol:

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

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

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

1. BGP281	- Code of the serie/size (Nano:280;290;390; Micro: 281,291,391; Mini:282,292,392; Medium: 283,293,393; Large: 284,294,394)
2. LW10	- LightWave (GPRS) option LW10: telemanagement option with 10 years contract LW5: telemanagement option with 5 years contract LW1: telemanagement option with 1 year contract LWCO: telemanagement option with signed service contract LWFP: telemanagement option without contract
3. LED6	- LEDGINE flux(x100) [lumen] range: from LED6 to LED490
4. 4S	- Ledgine generation 4S, F1 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) - PSUE - Non dimmable driver Economy (no LR/LC) - PSR - Dimmable driver 1-10V - PSD - Dimmable driver DALI - PSA - Dimmable driver AmpDim - PSDD - Dimmable driver Dynadim integrated - PSDDE - Dimmable driver Economy with Dynadim integrated - PSM - Power supply unit with coded mains interface - PSD-SR - Power supply unit with DALI and SystemReady interface
7. II	- Safety Class II
8. DM	- Optic DMxx, DNxx, DWxx, DSxx, DPLxx, DPRxx, BLxx, DRMx, DRNx, DXxx, DRXNx, – Road light distribution
9.	Optical louvers: - "blank field" for No louvers - BL1 Limited backlight cut-off - BL2 Sharp backlight cut-off - BL3 -backlight cut-off - FL1 Louver for limited backlight cut-off Ledgine Flexible - FL2 Louver for sharp backlight cut-off Ledgine flexible
10.	Optical cover: - "blank field" for Flat glass/ extra clear - FG- XW- Extra clear glass with white mask - FG- X Extra clear glass
11. xxxx/xx-xxxx	- RAL Colour, Colour Choice AKZO, British standard colours, GR, DGR
12. MSP	- Marine salt protected coating
13. Dxx	- Light control Dxx,DDFxx,, LS-XX CLOxx – Different light settings (dimming time, communication type, constant light output ect) 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



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15. CTG-DGR	<ul style="list-style-type: none"> - IACZ-4-xxx InterAct City Connect app- LightWave different programming options (programmable) IACZ-RF-xxx InterAct City RF IACN7-4-xxx - InterAct City GPRS node Nema IACN7-RF-xxx - InterAct City RF node Nema Socket: P1, P1-M-CP; P1-3; P1-3CP P1-M, P1-5, P1-5 CP, P1-7, P1-7 CP, P1-7-7, P1-7-7-CP, P1-7-5, P1-7-5-CP, P1-5-5, P1-5-5-CP PZO-20, SRT, SRB, PSC, Sensor: PZC-35-0.5, PZC-55-0.5, PZC-70-0.5, PSC-35, PSC-55, PSC-70, CTGO-DGR, CTGO-35-DGR, CTGO-55-DGR, CTGO-70-DGR, CTGO-LGR, CTGO-35-LGR, CTGO-55-LGR, CTGO-70-LGR, CTGO-AC-LGR, CTGN-LGR, CTGN-35-LGR, CTGN-55-LGR, CTGN-70-LGR, CTGN-AC-LGR, EZR, WST2, WST7 OSB- Outdoor sensor bundle (bottom socket)
16. SRG10	<ul style="list-style-type: none"> - STD- min. 6kV differential and common mode STDE - min. 6kV differential and common mode + electro static discharge protection (bleeder resistors) SRG10 - Surge protection level until 10kV (differential and common mode) SRG10E - Surge protection level until 10kV (differential and common mode) + electro static discharge protection (bleeder resistors) SDM10 - Surge protection level until 10kV (differential mode only) SDM10E - Surge protection level until 10kV (differential mode only) + electro static discharge protection (bleeder resistors)
17. 3183Yxx/H07RN-Yx	<ul style="list-style-type: none"> - POWER CABLE H05-VV 3/5X...m in wide range of length (0,75;1,5; 2,5 mm2), POWER CABLE H07RN in wide range of length where Y is 2,3,4 or 5 core, cable types: H05VV-F, S05Z1Z1-R, H05RR-F, H07RN-F, H07BQ-F, H05VV-F Arctic, H05VV-U, RTPR with different length and finishing
18. B	<ul style="list-style-type: none"> - Cable finish: - - Standard (no cable insulated) B - Protective earth wire insulated D - Gray wire insulated L - Protective earth wire, gray wire and black wire insulated H - Line wire black and protective earth wire insulated J - Line wire black, protective earth wire and gray wire insulated M - Line wire black, protective earth wire, gray wire and brown wire insulated
19. 32/60S	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - Gear Tray Material: PLS -Plastic gearplate MTL- Driver spring
21. CT	<ul style="list-style-type: none"> - Type of packaging – carton box CT- Carton box BWP- Multipack
22. CEE	<ul style="list-style-type: none"> - Special Project: CEE- Housing with European Origin REG- LC005/REG POLE CAP- Pole cap RAL7035 for post top



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Information on LED modules

Luminaire family, Series	Used LED module	LED module ratings	ENEC for luminaire	Report for modules
UniStreet gen2 BGP280 / BGP281 / BGP282 / BGP283 / BGP284; LumiStreet gen2 BGP290 / BGP291 / BGP292 / BGP293 / BGP294; LumiStreet Pro gen2 BGP390 / BGP391 / BGP392 / BGP393 / BGP394...II...- series	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	1,0A	0265/ENEC/21/M1 dated 08-11-2022	UL 4790063843.4.1_2 dated 2021-11-03
	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 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			DEKRA 6123182.50P dated 2022-03-22
	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			DEKRA 6127813.51P dated 2022-06-14

Possible configurations of luminaires and more information see the Appendixes No. 1, No.2, No.3, No.4, No.5, No.6, No.7 to the TR Z7-3/155/B/21/M1 dated 10.11.2022 – Lists of the luminaires - on CD (data received from the manufacturer)

Certification Body:

Łukasiewicz- IMiF PREDOM Division

Place: **WARSAW**

Signed:

Józef Foks

Filip Walczak

Date: **14-11-2022**

.....
Certification Office
Łukasiewicz- IMiF PREDOM

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