

**LED LUMINAIRES FOR PUBLIC LIGHTING
-LIST OF APPROVED LEDS-**

1. Introduction

This document presents the list of street lighting luminaires approved by commission 4 of SYNERGRID.

Approval was based on the luminaire's compliance with the conditions described in document: C4-11.3 "Spécification technique 005 équipements d'éclairage public - Prescriptions relatives aux luminaires LED: exigences constructives et de maintenance" in French and "Technische specificatie 005 voor uitrustingen voor openbare verlichting - Voorschriften voor LED verlichtingstoestellen: constructie en onderhoudsvereisten" in Dutch. V2019 and updated.

Competent committee	CE4
Functional mailbox	n/a
Indicative / restrictive	Restrictif
Updated on:	27.02.2025

2. List of approved LED luminaires

Update : 02/2025

Synergrid number	Light fittings			LED-Modules	Performance certification	Photobiological safety		
Reference	Manufacturer	Model	Class	Type of light	Approved range Max #LEDs - Max Luminaire Power - Max Luminaire luminous flux	Approved range Max CCT - Max driver current	Date of approval	Validity
SYN_CE417022	Signify	Metronomis I LED	Type 2	Osram Oslon Square G5	64 LEDs – 116 W – 16165 lm	4000K - 1000mA	27/07/2021	27/07/2026
SYN_CE418006	Hess	Sera LED	Type 2	Osram OSLO Square	32 LEDs - 53 W - 5284 lm	4000 K - 620 mA	15/07/2022	15/07/2027
SYN_CE418062	AEC Illuminazione	Revelampe LL35	Type 2	Lumileds Luxeon MX	12 LEDs – 102 W – 12300 lm	4000 K – 425 mA	25/05/2022	25/05/2027
SYN_CE418062	AEC Illuminazione	Revelampe LL35	Type 2	Lumileds Luxeon TX	12 LEDs – 102 W – 12300 lm	4000 K – 425 mA	25/05/2022	25/05/2027
SYN_CE419005	Hess	City Elements 200-2 AA-L1-9	Type 3	Osram Oslon Square GW	16 LEDs – 28 W – 2763 lm	4000 K – 620 mA	08/04/2022	08/04/2027
SYN_CE419018	Lightronics BV	Brisa	Type 2	Osram Oslon Square G5	32 LEDs - 50,3 W - 7120 lm	570 mA - 4000 K	27/07/2022	27/07/2027
SYN_CE419019	Lightronics BV	Brisa+	Type 2	Osram Oslon Square G5	64 LEDs – 111 W – 16290 lm	570 mA - 4000 K	27/07/2022	27/07/2027
SYN_CE419025	Eclatec	Xeon 2	Type 2	Lumileds Luxeon M, MX	6 LEDs - 53 W - 5543 lm	700 mA - 4000 K	27/07/2022	27/07/2027
SYN_CE419025	Eclatec	Xeon 3	Type 3	Lumileds Luxeon M, MX	9 LEDs - 77 W - 8033 lm	700 mA - 4000 K	27/07/2022	27/07/2027
SYN_CE419037	Signify	Philips Luma Gen 2 Micro BGP702	Type 2	Osram Oslon Square G5 Samsung LH351C	20 LEDs – 43.5 W – 5874 lm	4000 K – 1000 mA 4000 K – 561 mA	30/10/2023	30/10/2028
SYN_CE419037	Signify	Philips Luma Gen 2 Mini BGP703	Type 2	Osram Oslon Square G5 Samsung LH351C	40 LEDs – 79 W – 10680 lm	4000 K – 1000 mA 4000 K – 561 mA	30/10/2023	30/10/2028
SYN_CE419037	Signify	Philips Luma Gen 2 Medium BGP704	Type 2	Osram Oslon Square G5 Samsung LH351C	80 LEDs – 166 W – 23140 lm	4000 K – 1000 mA 4000 K – 561 mA	30/10/2023	30/10/2028
SYN_CE419038	Signify	Philips Lumistreet Gen 2 (PRO) Micro BGP291 - BGP391	Type 2	Osram Oslon Square G5 Samsung LH351C	20 LEDs – 63 W – 8272 lm	4000 K – 1000 mA 4000 K – 561 mA	21/12/2023	21/12/2028
SYN_CE419038	Signify	Philips Lumistreet Gen 2 (PRO) Mini BGP292 - BGP392	Type 2	Osram Oslon Square G5 Samsung LH351C	40 LEDs – 116 W – 15480 lm	4000 K – 1000 mA 4000 K – 561 mA	21/12/2023	21/12/2028

SYN_CE419038	Signify	Philips Lumistreet Gen 2 (PRO) Medium BGP293 - BGP393	Type 2	Osram Oslon Square G5 Samsung LH351C	80 LEDs – 158 W – 23140 lm	4000 K – 1000 mA 4000 K – 561 mA	21/12/2023	21/12/2028
SYN_CE419038	Signify	Philips Lumistreet Gen 2 (PRO) Large BGP294 - BGP394	Type 2	Osram Oslon Square G5 Samsung LH351C	160 LEDs – 245 W – 36540 lm	4000 K – 1000 mA 4000 K – 561 mA	21/12/2023	21/12/2028
SYN_CE419041	Signify	Metronomis LED Torch (BDS650)	Type 2	Osram Oslon Square G5	64 LEDs – 79 W – 10440 lm	4000 K – 1000 mA	30/10/2023	30/10/2028
SYN_CE419041	Signify	Metronomis LED Sharp (BDS660)	Type 2	Osram Oslon Square G5	64 LEDs – 98 W – 10560 lm	4000 K – 1000 mA	30/10/2023	30/10/2028
SYN_CE419041	Signify	Metronomis LED Fluid (BDS670)	Type 2	Osram Oslon Square G5	64 LEDs – 98 W – 10680 lm	4000 K – 1000 mA	30/10/2023	30/10/2028
SYN_CE419041	Signify	Metronomis LED Torch with Hat (BDS651)	Type 2	Osram Oslon Square G5	64 LEDs – 79 W – 10440 lm	4000 K – 1000 mA	30/10/2023	30/10/2028
SYN_CE419046	Signify	Villa Led Gen 2 - BDP768	Type 2	Osram Oslon Square G3	40 LEDs	4000 K - 1000 mA	07/06/2021	07/06/2026
SYN_CE419046	Signify	Villa Led Gen 2 - BSP768	Type 2	Osram Oslon Square G3	40 LEDs	4000 K - 1000 mA	07/06/2021	07/06/2026
SYN_CE419046	Signify	Jargeau Led Gen 3 - BDP651	Type 2	Osram Oslon Square G3	40 LEDs	4000 K - 1000 mA	07/06/2021	07/06/2026
SYN_CE419046	Signify	Jargeau Led Gen 3 - BSP651	Type 2	Osram Oslon Square G3	40 LEDs	4000 K - 1000 mA	07/06/2021	07/06/2026
SYN_CE419050	Signify	Clearflood	Type 2	Osram Oslon G5	120 LEDs – 313.2 W – 40940 lm	4000K - 1000mA	03/08/2021	03/08/2026
SYN_CE419052	Signify	Classicstreet	Type 2	OSRAM Oslon Square G5	40 LEDs - 86 W - 8339 lm	4000 K - 700 mA	10/05/2023	10/05/2028
SYN_CE419053	Signify	Luma Gen2 Nano BGP701	Type 2	Osram Oslon Square G5 Samsung LH351C	20 LEDs – 43.5 W – 5874 lm	4000 K – 1000 mA 4000 K – 561 mA	30/10/2023	30/10/2028
SYN_CE419053	Signify	Luma Gen2 Large BGP705	Type 2	Osram Oslon Square G5 Samsung LH351C	180 LEDs – 370 W – 52800 lm	4000 K – 1000 mA 4000 K – 561 mA	30/10/2023	30/10/2028
SYN_CE419053	Signify	Luma Gen2 Compact BGP713	Type 2	Osram Oslon Square G5 Samsung LH351C	40 LEDs – 118 W – 15470 lm	4000 K – 1000 mA 4000 K – 561 mA	30/10/2023	30/10/2028
SYN_CE419054	Signify	CitySoul gen2 LED Mini	Type 2		Max 40 LEDs – 87 W - 11569 lm	4000K - 1000mA	03/08/2021	03/08/2026
SYN_CE419054	Signify	CitySoul gen2 LED Large	Type 2		Max 80 LEDs – 155 W - 21248 lm	4000K - 1000mA	03/08/2021	03/08/2026
SYN_CE420003	Thorn	Isaro Pro S	Type 2	Osram Oslon Square Gen3	36 LEDs - 94 W - 13636 lm	4000 K - 560 mA	10/06/2022	10/06/2027
SYN_CE420003	Thorn	Isaro Pro L	Type 2	Osram Oslon Square Gen3	72 LEDs - 150 W - 22923 lm	4000 K - 560 mA	10/06/2022	10/06/2027
SYN_CE420006	Signify	Digistreet Micro BGP760	Type 2	Osram Oslon Square G5 Samsung LH351C	Max 20 LEDs – 41 W – 5580 lm Max 20 LEDs – 40.5 W – 5580 lm	4000K - 1000mA 4000K - 561mA	30/10/2023	30/10/2028
SYN_CE420006	Signify	Digistreet Mini BGP761	Type 2	Osram Oslon Square G5 Samsung LH351C	Max 40 LEDs – 79 W – 11040 lm Max 40 LEDs – 79 W – 11040 lm	4000K - 1000mA 4000K - 561mA	30/10/2023	30/10/2028
SYN_CE420006	Signify	Digistreet Medium BGP762	Type 2	Osram Oslon Square G5 Samsung LH351C	Max 80 LEDs – 154 W - 22080 lm Max 80 LEDs – 154 W - 22080 lm	4000K - 1000mA 4000K - 561mA	30/10/2023	30/10/2028

SYN_CE420006	Signify	Digistreet Large BGP763	Type 2	Osram Oslon Square G5 Samsung LH351C	Max 120 LEDs – 240 W - 32400 lm Max 120 LEDs – 240 W - 32400 lm	4000K - 1000mA 4000K - 561mA	30/10/2023	30/10/2028
SYN_CE420007	Signify	CityCharm Cone	Type 2	Osram Oslon Square G5	Max 40 LEDs – 85 W – 10558 lm	4000K - 1000mA	03/08/2021	03/08/2026
SYN_CE420007	Signify	CityCharm Cordoba	Type 2	Osram Oslon Square G5	Max 40 LEDs – 85 W – 10558 lm	4000K - 1000mA	03/08/2021	03/08/2026
SYN_CE420007	Signify	Citycharm Fluid	Type 2	Osram Oslon Square G5	Max 40 LEDs – 85 W – 8200 lm	4000K - 1000mA	03/04/2024	03/04/2029
SYN_CE420016	Schröder	Izylum LT1	Type 2	Samsung LH351C Seoul Z5M4 Osram Oslon square	25 LED's – 88 W- 10351 lm	4000 K - 700 mA 4000 K - 1050 mA 4000 K - 700 mA	14/06/2023	14/06/2028
SYN_CE420016	Schröder	Izylum LT2	Type 2	Samsung LH351C Seoul Z5M4 Osram Oslon square	50 LED's – 99 W- 13984 lm	4000 K - 700 mA 4000 K - 1050 mA 4000 K - 700 mA	14/06/2023	14/06/2028
SYN_CE420016	Schröder	Izylum LT3	Type 2	Samsung LH351C Seoul Z5M4 Osram Oslon square	100 LED's – 153 W – 23753 lm	4000 K - 700 mA 4000 K - 1050 mA 4000 K - 700 mA	19/02/2024	19/02/2029
SYN_CE420016	Schröder	Izylum Size 1	Type 2	Samsung LH351C Seoul Z5M4 Osram Oslon square OSCONIQ 3030S	20 LEDs - 46 W - 6047 lm 25 Leds- 65 W – 8482 lm 25 Leds- 65 W – 8482 lm 40 LEDs - 56 W - 6621 lm	4000 K - 700 mA 4000 K - 1050 mA 4000 K - 700 mA 4000 K - 700 mA	28/08/2020	28/08/2025
SYN_CE420016	Schröder	Izylum Size 2	Type 2	Samsung LH351C Seoul Z5M4 Osram Oslon square OSCONIQ 3030S	40 LEDs - 88 W - 12084 lm 40 LEDs – 110 W – 15053 lm 40 LEDs – 110 W – 15053 lm 80 LEDs - 109 W - 12878 lm	4000 K - 700 mA 4000 K - 1050 mA 4000 K - 700 mA 4000 K - 700 mA	28/08/2020	28/08/2025
SYN_CE420016	Schröder	Izylum Size 3	Type 2	Samsung LH351C Seoul Z5M4 Osram Oslon square OSCONIQ 3030S	60 LEDs - 128 W - 17816 lm 80 LEDs – 162 W – 23961 lm 80 LEDs – 162 W – 23961 lm 160 LEDs - 167 W - 22368 lm	4000 K - 700 mA 4000 K - 1050 mA 4000 K - 700 mA 4000 K - 700 mA	28/08/2020	28/08/2025
SYN_CE420016	Schröder	Izylum Size 4	Type 2	Samsung LH351C Seoul Z5M4 Osram Oslon square OSCONIQ 3030S	120 LEDs - 180 W - 27095 lm 120 LEDs – 218 W – 32854 lm 120 LEDs – 218 W – 32854 lm 240 LEDs - 214 W - 28630 lm	4000 K - 700 mA 4000 K - 1050 mA 4000 K - 700 mA 4000 K - 700 mA	28/08/2020	28/08/2025
SYN_CE420016	Schröder	Izylum Size 5	Type 2	OSCONIQ 3030S	120 LEDs - 180 W - 27236 lm 120 LEDs – 280 W – 40096 lm 120 LEDs – 280 W – 40096 lm 240 LEDs - 275 W - 33531 lm	4000 K - 700 mA 4000 K - 1050 mA 4000 K - 700 mA 4000 K - 700 mA	28/08/2020	28/08/2025
SYN_CE420017	LightWell	Square family XS	Type 2	Philips Fortimo Fastflex G5	32 LEDs - 40 W - 5100 lm	4000 K - 700 mA	01/09/2022	01/09/2027
SYN_CE420017	LightWell	Square family S	Type 2	Philips Fortimo Fastflex G5	48 LEDs - 60 W - 8100 lm	4000 K - 700 mA	01/09/2022	01/09/2027
SYN_CE420017	LightWell	Square family M	Type 2	Philips Fortimo Fastflex G5	96 LEDs - 90 W - 12400 lm	4000 K - 700 mA	01/09/2022	01/09/2027
SYN_CE420017	LightWell	Square family L	Type 2	Philips Fortimo Fastflex G5	160 LEDs - 150 W - 21200 lm	4000 K - 700 mA	01/09/2022	01/09/2027

SYN_CE420019	Signify	Towntune BDP260, BDP261, BDP262, BDP263, BDP265, BDP266, BDP267, BDP268, BDP270, BDP271, BDP272, BDP273	Type 2	Osram Oslon Square G5	Max 40 LEDs - 60 W - 7454 lm	4000 K - 1000 mA	06/12/2021	06/12/2026
SYN_CE420020	LUG	Urbano	Type 2	CREE XP-G3 Osram Duris S8 5050	144 LEDs - 200 W - 28000 lm	4000 K - 700 mA	28/03/2023	28/03/2028
SYN_CE420020	LUG	Urbano version Plus	Type 2	CREE XP-G3 Osram Duris S8 5050	288 LEDs - 302 W - 44950 lm	4000 K - 700 mA	28/03/2023	28/03/2028
SYN_CE420021	LUG	Urbino	Type 2	CREE XP-G3 Osram Duris S8	180 LEDs – 157 W – 19050 lm	4000 K - 700 mA	15/11/2021	15/11/2026
SYN_CE420021	LUG	Urbino version Plus	Type 2	CREE XP-G3 Osram Duris S8	180 LEDs – 157 W – 19050 lm	4000 K - 700 mA	15/11/2021	15/11/2026
SYN_CE420024	Enim Lighting	Iris 1	Type 2	Lumileds Luxeon 5050	48 LEDs – 130 W – 15851 lm	675 mA - 4000 K	29/10/2021	29/10/2026
SYN_CE420024	Enim Lighting	Iris 2	Type 2	Lumileds Luxeon 5050	80 LEDs – 200 W – 29512 lm	675 mA - 4000 K	29/10/2021	29/10/2026
SYN_CE420025	Cariboni	Kai small	Type 2	CREE XP-G3	36 LEDs – 78 W – 10550 lm	4000 K - 420 mA	15/03/2022	15/03/2027
SYN_CE420025	Cariboni	Kai medium	Type 2	CREE XP-G3	72 LEDs – 155W – 20840 lm	4000 K - 420 mA	15/03/2022	15/03/2027
SYN_CE421007	Schröder	PIANO GEN2 MINI	Type 2	Samsung LH351C Seoul Z5M4 Osram Oslon Square giant	20 LEDs – 52 W – 7135 lm	4000 K – 700 mA 4000 K – 1350 mA 4000 K – 700 mA	17/05/2024	17/05/2029
SYN_CE421007	Schröder	PIANO GEN2 MIDI	Type 2	Samsung LH351C Seoul Z5M4 Osram Oslon Square giant	60 LEDs – 111 W – 16753 lm	4000 K – 700 mA 4000 K – 1350 mA 4000 K – 700 mA	17/05/2024	17/05/2029
SYN_CE421008	Schröder	NEOS 1 LED	Type 2	CREE XP-G3 Samsung LH351C SEOUL Z5MS Osram Oslon Square giant	24 LEDs – 46 W – 6473 lm	4000 K – 960 mA 4000 K – 700 mA 4000 K – 1350 mA 4000 K – 700 mA	19/02/2024	19/02/2029
SYN_CE421008	Schröder	NEOS 2 LED	Type 2	CREE XP-G3 Samsung LH351C SEOUL Z5MS Osram Oslon Square giant	48 LEDs – 82 W – 12096 lm	4000 K – 960 mA 4000 K – 700 mA 4000 K – 1350 mA 4000 K – 700 mA	19/02/2024	19/02/2029
SYN_CE421008	Schröder	NEOS 3 LED	Type 2	CREE XP-G3 Samsung LH351C SEOUL Z5MS Osram Oslon Square giant	64 LEDs – 119 W – 16840 lm	4000 K – 960 mA 4000 K – 700 mA 4000 K – 1350 mA 4000 K – 700 mA	19/02/2024	19/02/2029
SYN_CE421010	Schröder	Ampera Mini	Type 2	OSRAM OSLO Square Giant, CREE XP-G3	24 LEDs - 78 W - 8950 lm	4000 K - 700 mA	29/08/2022	29/08/2027
SYN_CE421010	Schröder	Ampera Mini	Type 2	OSRAM OSLO Square Giant, CREE XP-G3	24 LEDs - 78 W - 8950 lm	4000 K - 700 mA	29/08/2022	29/08/2027

SYN_CE421010	Schröder	Ampera Midi	Type 2	OSRAM Oslon Square Giant, CREE XP-G2,	64 LEDs - 78 W - 8950 lm	4000 K - 700 mA	29/08/2022	29/08/2027
SYN_CE421010	Schröder	Ampera Midi	Type 2	SEOUL- Z5M4	64 LEDs - 78 W - 8950 lm	3000 K - 1500 mA 4000 K - 1350 mA	29/08/2022	29/08/2027
SYN_CE421010	Schröder	Ampera Maxi	Type 2	Osram Oslon Square Giant Samsung LH351C Seoul Z5M4	40 LED's - 112 W - 14318 lm	4000 K - 700 mA 4000 K - 700 mA 4000 K - 1350 mA	17/05/2024	17/05/2029
SYN_CE421010	Schröder	Ampera EVO 1	Type 2	Osram Oslon Square Giant Samsung LH351C Seoul Z5M4	80 LED's - 185 W - 24818 lm	4000 K - 700 mA 4000 K - 700 mA 4000 K - 1350 mA	04/10/2024	04/10/2029
SYN_CE421010	Schröder	Ampera EVO 2	Type 2	Osram Oslon Square Giant Samsung LH351C Seoul Z5M4	150 LEDs - 353 W - 48354 lm	4000 K - 700 mA 4000 K - 700 mA 4000 K - 1350 mA	04/10/2024	04/10/2029
SYN_CE421013	Schröder	Citea NG Mini	Type 2	CREE XP-G3 Samsung LH351C Seoul Z5M4 Osram Oslon Square giant	Max 20 LEDs - 95 W - 7308 lm	4000 K - 960 MA 4000 K - 700 mA 4000 K - 1350 mA 4000 K - 700 mA	11/02/2022	11/02/2027
SYN_CE421013	Schröder	Citea NG Midi	Type 2	CREE XP-G3 Samsung LH351C Seoul Z5M4 Osram Oslon Square giant	Max 60 LEDs - 176 W - 20902 lm Max 80 LEDs - 174 W - 20598 lm	4000 K - 960 MA 4000 K - 700 mA 4000 K - 1350 mA 4000 K - 700 mA	11/02/2022	11/02/2027
SYN_CE421014	Schröder	Hestia GEN2 Mini	Type 2	Samsung LH351C Seoul Z5M4 Osram Oslon Square Qiant	40 LEDs - 62 W - 8847 lm	4000 K - 700 mA 4000 K - 1350 mA 4000 K - 700 mA	03/05/2024	03/05/2029
SYN_CE421014	Schröder	Hestia GEN2 Midi	Type 2	Samsung LH351C Seoul Z5M4 Osram Oslon Square Qiant	60 LEDs - 102 W - 14274 lm	4000 K - 700 mA 4000 K - 1350 mA 4000 K - 700 mA	03/05/2024	03/05/2029
SYN_CE421016	Schröder	Stylage	Type 2	CREE XP-G3 Samsung LH351C Seoul Z5M4 Osram Oslon Square giant	48 LEDs - 73 W - 8891 lm 40 LEDs - 89 W - 11192 lm 40 LEDs - 89 W - 11192 lm	4000 K - 960 mA 4000 K - 700 mA 4000 K - 1350 mA 4000 K - 700 mA	28/08/2024	28/08/2029
SYN_CE421017	Schröder	ALBANY GEN2 MIDI	Type 2	Samsung LH351C Seoul Z5M4 Osram Oslon Square giant	40 LEDs - 116 W - 16158 lm	4000 K - 700 mA 4000 K - 1350 mA 4000 K - 700 mA	02/11/2023	02/11/2028

SYN_CE421018	Schröder	Shuffle 180°	Type 2	CREE XP-G3, Samsung LH351C SEOUL– Z5M4 Osram Oslon Square giant	24 LEDs - 57 W - 6017 lm	4000K – 700mA 4000 K – 700 mA 4000 K – 1350 mA 4000 K – 700 mA	02/09/2022	02/09/2027
SYN_CE421018	Schröder	Shuffle 360°	Type 2	CREE XP-G3, Samsung LH351C SEOUL– Z5M4 Osram Oslon Square giant	24 LEDs - 72 W - 8117 lm	4000K – 700mA 4000 K – 700 mA 4000 K – 1350 mA 4000 K – 700 mA	02/09/2022	02/09/2027
SYN_CE421022	Schröder	Oyo	Type 2	Samsung LH351C Seoul Z5M4 Osram Oslon Square giant	48 LEDs – 74 W – 9904 lm	4000 K – 700 mA 4000 K – 1350 mA 4000 K – 700 mA	31/10/2023	31/10/2028
SYN_CE421024	Schröder	Teceo Gen 2 1	Type 2	CREE XP-G3 Samsung LH351C Osram Oslon Square Seoul Z5M4	48 LEDs - 153 W - 17834 lm 25 LED's – 79 W – 10377 lm 25 LED's – 79 W – 10377 lm 25 LED's – 79 W – 10377 lm	4000 K - 960 mA 4000 K - 700 mA 4000 K - 700 mA 4000 K - 1350 mA	20/05/2021	20/05/2026
SYN_CE421024	Schröder	Teceo Gen 2 2	Type 2	CREE XP-G3 Samsung LH351C Osram Oslon Square Seoul Z5M4	128 LEDs - 311 W - 40415 lm 25 LED's – 79 W – 10377 lm 25 LED's – 79 W – 10377 lm 25 LED's – 79 W – 10377 lm	4000 K - 960 mA 4000 K - 700 mA 4000 K - 700 mA 4000 K - 1350 mA	20/05/2021	20/05/2026
SYN_CE421024	Schröder	Teceo S	Type 2	CREE XP-G3 Samsung LH351C Osram Oslon Square Seoul Z5M4	24 LEDs - 76.4 W - 8462 lm 25 LED's – 79 W – 10377 lm 25 LED's – 79 W – 10377 lm 25 LED's – 79 W – 10377 lm	4000 K - 960 mA 4000 K - 700 mA 4000 K - 700 mA 4000 K - 1350 mA	20/05/2021	20/05/2026
SYN_CE421032	AEC Illuminazione	Italo 1	Type 2	Lumileds Luxeon MX Luxeon TX	12 LEDs – 102 W – 11678 lm	525 mA - 4000 K 700 mA - 4000 K	20/07/2022	20/07/2027
SYN_CE421032	AEC Illuminazione	Italo 2	Type 2	Lumileds Luxeon MX Luxeon TX	18 LEDs - 151 W - 17717 lm	525 mA - 4000 K 700 mA - 4000 K	20/07/2022	20/07/2027
SYN_CE421032	AEC Illuminazione	Italo 3	Type 2	Lumileds Luxeon MX Luxeon TX	36 LEDs - 309 W - 35720 lm	525 mA - 4000 K 700 mA - 4000 K	20/07/2022	20/07/2027
SYN_CE421033	AEC Illuminazione	Eco-Rays	Type 2	Lumileds Luxeon MX Luxeon TX	6 LEDs - 52 W - 6530 lm	700 mA - 4000 K	14/02/2022	14/02/2027
SYN_CE421035	Vizulo	Stork	Type 2	Osram Oslon Square	280 W - 34660 lm	720 mA - 4000 K	30/08/2022	30/08/2027
SYN_CE421035	Vizulo	Stork Eco	Type 2	Lumileds Luxeon 5050	280 W - 34660 lm	683 mA - 4000 K	30/08/2022	30/08/2027
SYN_CE421035	Vizulo	Stork little sister	Type 2	Osram Oslon Square	80 W - 10930 lm	618 mA - 4000 K	30/08/2022	30/08/2027
SYN_CE421035	Vizulo	Stork little sister Eco	Type 2	Lumileds Luxeon 5050	80 W - 10930 lm	593 mA - 4000 K	30/08/2022	30/08/2027
SYN_CE421035	Vizulo	Stork little brother	Type 2	Osram Oslon Square	280 W - 23450 lm	812 mA - 4000 K	30/08/2022	30/08/2027
SYN_CE421035	Vizulo	Stork little brother Eco	Type 2	Lumileds Luxeon 5050	280 W - 23450 lm	749 mA - 4000 K	30/08/2022	30/08/2027

SYN_CE421036	Vizulo	Micro Martin	Type 2	Osram Oslon Square	32 LEDs - 75 W - 8875 lm	757 mA - 4000 K	30/08/2022	30/08/2027
SYN_CE421036	Vizulo	Micro Martin Eco	Type 2	Lumileds Luxeon 5050	32 LEDs - 75 W - 8875 lm	716 mA - 4000 K	30/08/2022	30/08/2027
SYN_CE421036	Vizulo	Mini Martin	Type 2	Osram Oslon Square	48 LEDs - 110 W - 13550 lm	746 mA - 4000 K	30/08/2022	30/08/2027
SYN_CE421036	Vizulo	Mini Martin Eco	Type 2	Lumileds Luxeon 5050	48 LEDs - 110 W - 13550 lm	707 mA - 4000 K	30/08/2022	30/08/2027
SYN_CE422004	Teconex	Ariana	Type 2	LED: CREE XP-G3	24 LEDs - 51 W - 700 lm	4000 K - 700 mA	24/06/2022	24/06/2027
SYN_CE422004	Teconex	Ariana	Type 2	LED: CREE XP-G3	72 LEDs - 125.1 W - 17056 lm	4000 K - 700 mA	24/06/2022	24/06/2027
SYN_CE423001	LightWell	Luxis Small - LW SRDS2	Type 2	Cree XPG3, Cree XTE, XPE2	36 LEDs - 65 W - 9200 lm	4000 K - 700 mA 4000 K - 700 mA	16/03/2023	16/03/2028
SYN_CE423001	LightWell	Luxis - LW-SRD2	Type 2	Cree XPG3, Cree XTE, XPE2	80 LEDs - 142 W - 19600 lm	4000 K - 700 mA 4000 K - 700 mA	16/03/2023	16/03/2028
SYN_CE423002	Schröder	Valentino Gen2	Type 2	Samsung LH351C CREE XP-G3 Osram Oslon Square Giant Seoul Z5M4	20 LEDs - 66W - 6809 lm 40 LEDs - 116 W - 12363 lm	4000 K - 700 mA 4000 K - 960 mA 4000 K - 700 mA 4000 K - 1350 mA	21/04/2023	21/04/2028
SYN_CE423021	Schröder	Valinta Mini (Groove; Curve; Scope)	Type 3	Osram Oslon Square Giant	16 LEDs - 39 W - 4548 lm	4000 K - 700 mA	05/09/2024	05/09/2029
SYN_CE423021	Schröder	Valinta Midi (Groove; Curve; Scope)	Type 3	CREE XP-G3 Osram Oslon Square Giant Samsung LH351C	28 LEDs - 66 W - 7966 lm	4000 K - 960 mA 4000 K - 700 mA 4000 K - 700 mA	05/09/2024	05/09/2029
SYN_CE423021	Schröder	Valinta Maxi (Groove; Curve; Scope)	Type 3	Osram Oslon Square Giant Samsung LH351C	52 LEDs - 120 W - 13758 lm	4000 K - 700 mA 4000 K - 700 mA	05/09/2024	05/09/2029
SYN_CE421012	Schröder	YOA MIDI	Type 2	CREE XP-G3 Osram Oslon Square Giant Samsung LH351C SEOUL Z5M4	50 LEDs - 110 W - 15665 lm	4000 K - 960 mA 4000 K - 700 mA 4000 K - 700 mA 4000 K - 1350 mA	16/10/2024	16/10/2029
SYN_CE421012	Schröder	YOA MAXI	Type 2	CREE XP-G3 Osram Oslon Square Giant Samsung LH351C SEOUL Z5M4	100 LEDs - 167 W - 23825 lm	4000 K - 960 mA 4000 K - 700 mA 4000 K - 700 mA 4000 K - 1350 mA	16/10/2024	16/10/2029
SYN_CE424002	Thorn	Urba Deco	Type 2	Osram Oslon Square G5	48 LEDs - 71 W - 10993 lm	3000 K - 1200 mA 4000 K - 790 mA	25/10/2024	25/10/2029
SYN_CE423005	Sustainer	Aspira (Zhaga)	Type 2	Osram Osconiq P 3737	24 LEDs - 65 W - 8300 lm	4000 K - 877 mA	08/11/2024	08/11/2029
SYN_CE423013	Signify	CityMood BSP672	Type 2	Osram Oslon Square G5	40 LEDs - 108W - 16380 lm	4000 K - 870 mA	08/11/2024	08/11/2029
SYN_CE423013	Signify	CityMood BSP673	Type 2	Osram Oslon Square G5	40 LEDs - 84.4W - 15824 lm	4000 K - 870 mA	08/11/2024	08/11/2029

SYN_CE424009	Schröder	Topia Midi	Type 2	Samsung LH351C Seoul Z5M4 Osram Oslon Square Giant	72 LEDs – 87 W – 12979 lm	4000 K - 700 mA 4000 K - 1050 mA 4000 K - 700 mA	10/12/2024	10/12/2029
SYN_CE420023	Schröder	FLEXIA FG MIDI	Type 2	Osram Oslon Square Giant Samsung LH351C SEOUL Z5M4	40 LEDs – 89 W – 12140 lm	4000 K - 700 mA 4000 K - 700 mA 4000 K - 1350 mA	13/10/2021	13/10/2026
SYN_CE420023	Schröder	FLEXIA FG MAXI	Type 2	Osram Oslon Square Giant Samsung LH351C SEOUL Z5M4	80 LEDs – 174 W – 23579 lm	4000 K - 700 mA 4000 K - 700 mA 4000 K - 1350 mA	13/10/2021	13/10/2026
SYN_CE420023	Schröder	FLEXIA TOP MINI	Type 2	Osram Oslon Square Giant Samsung LH351C SEOUL Z5M4	40 LEDs – 89 W – 12140 lm	4000 K - 700 mA 4000 K - 700 mA 4000 K - 1350 mA	13/10/2021	13/10/2026
SYN_CE420023	Schröder	FLEXIA TOP MIDI	Type 2	Osram Oslon Square Giant Samsung LH351C SEOUL Z5M4	40 LEDs – 89 W – 12140 lm	4000 K - 700 mA 4000 K - 700 mA 4000 K - 1350 mA	13/10/2021	13/10/2026
SYN_CE420023	Schröder	FLEXIA DP MIDI	Type 2	Osram Oslon Square Giant Samsung LH351C SEOUL Z5M4	40 LEDs – 89 W – 12140 lm	4000 K - 700 mA 4000 K - 700 mA 4000 K - 1350 mA	13/10/2021	13/10/2026
SYN_CE420023	Schröder	FLEXIA POEME MIDI	Type 2	Osram Oslon Square Giant Samsung LH351C SEOUL Z5M4	40 LEDs – 89 W – 12140 lm	4000 K - 700 mA 4000 K - 700 mA 4000 K - 1350 mA	13/10/2021	13/10/2026
SYN_CE420023	Schröder	FLEXIA QUERCUS MIDI	Type 2	Osram Oslon Square Giant Samsung LH351C SEOUL Z5M4	40 LEDs – 89 W – 12140 lm	4000 K - 700 mA 4000 K - 700 mA 4000 K - 1350 mA	13/10/2021	13/10/2026
SYN_CE420023	Schröder	FLEXIA QUERCUS MAXI	Type 2	Osram Oslon Square Giant Samsung LH351C SEOUL Z5M4	80 LEDs – 174 W – 23579 lm	4000 K - 700 mA 4000 K - 700 mA 4000 K - 1350 mA	13/10/2021	13/10/2026
SYN_CE423011	Cariboni	Koinè	Type 2	OSRAM OSCONIQ S 5050	48 LEDs – 168 W – 24425 lm	4000 K – 730 mA	16/12/2024	16/12/2029
SYN_CE423020	WE-EF	VFL520	Type 2	Samsung LH351C	12 LEDs – 41 W – 4908 lm	4000 K – 1051 mA	09/01/2025	09/01/2030
SYN_CE423020	WE-EF	VFL530	Type 2	Samsung LH351C	24 LEDs – 81 W – 9816 lm	4000 K – 1051 mA	09/01/2025	09/01/2030
SYN_CE423020	WE-EF	VFL540	Type 2	Samsung LH351C	42 LEDs – 136 W – 17179 lm	4000 K – 1051 mA	09/01/2025	09/01/2030
SYN_CE424010	Signify	Clearflood Gen2 (Small) BVP655	Type 2	Osram Oslon Square G5	84 LEDs – 171.6 W – 26400 lm	4000 K – 690 mA	24/01/2025	24/01/2030

SYN_CE424010	Signify	Clearflood Gen2 (Medium) BVP656	Type 2	Osram Oslon Square G5	168 LEDs – 340.9 W – 52200 lm	4000 K – 690 mA	24/01/2025	24/01/2030
SYN_CE424010	Signify	Clearflood Gen2 (Large) BVP657* weight 28 kg)	Type 2	Osram Oslon Square G5	252 LEDs – 530 W – 80910 lm	4000 K – 690 mA	24/01/2025	24/01/2030
SYN_CE423012	Signify	CityClassic Gen2 (BDP 510; BDP 511; BDP 512; BDP 513; BDP 520; BDP 521; BDP 522; BDP 523)	Type 2	Osram Oslon Square Giant G5	20 LEDs – 5610 lm – 41 W	4000 K - 643 mA	27/01/2025	27/01/2030
SYN_CE421009	Schröder	Friza	Type 2	Osram Oslon Square Giant Samsung LH351C SEOUL Z5M4	20 LEDs – 53 W – 7158 lm	4000 K - 700 mA 4000 K - 700 mA 4000 K - 1350 mA	03/02/2025	03/02/2030