

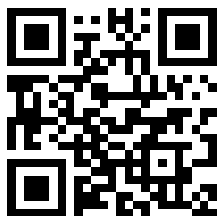
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ENEC-04791-P3-PLUS

Issue date

2026-01-19



This is to acknowledge that

Signify Netherlands B.V.

High Tech Campus 48 EINDHOVEN 5656 AE Netherlands

has had

Built-in LED Module

Fortimo SLM C (z)(cc) (d) (m) L(ee) (s) G(i)(a)

See page 3 for additional Information

evaluated and meets the requirements of the EPRS standard

PD EPRS 001:2025-04 (based on EN 62717:2017 + A2:2019)

Test Report Nos. 4791991898.3.1_1 issued on 2026-01-14

ENEC License No.(Safety): ENEC-04756-M3 issued on 2025-11-24

Issued by ENEC Member Body: 15, UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark

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See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

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TECHNICAL DETAILS

Production site(s)

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Ratings SELV input, I_{max} 4140 mA $\equiv$ V_{max} 55 V

Maximum ratings of the series:

CoB Type (Die matrix)	Diameter of LES of CoB [mm]	CCT [K]	DC Current [mA]	Power [W]	Power Density of CoB [W/m ²]	t _c [°C]	Rated luminous flux (lm) @tp@nominal current	Rated CRI @tp@nominal current	Rated efficacy (lm/W) @tp@nominal current
1304	9.8	≤ 4000	480 (V _{f tot} 40V)	19,2	0,25	105	885-1010	90	167-192
1313	18.5	≤ 4000	1560 (V _{f tot} 40V)	62,4	0,23	105	3035-3180	90	190-202
1309	15	≤ 4000	1080 (V _{f tot} 40V)	43,2	0,24	105	1832-2120	90	172-202
1319	23	≤ 4000	2280 (V _{f tot} 40V)	91,2	0,22	105	3785-4240	90	180-202
1201	6.5	≤ 5000	230 (V _{f tot} 41V)	9,4	0,28	105	485-545	80,90	156-176
1202	6.5	≤ 5000	460 (V _{f tot} 41V)	18,9	0,57	105	940-1060	80,90	152-171
1202	6.5	≤ 5000	460 (V _{f tot} 41V)	18,9	0,57	105	1000-1175	80,90	145-170
1203	9.8	≤ 5000	690 (V _{f tot} 41V)	28,3	0,38	105	1425-1600	80,90	153-170
1203	9	≤ 5000	690 (V _{f tot} 41V)	28,3	0,44	105	1525-1790	80,90	147-172
1204	9.8	≤ 5000	920 (V _{f tot} 41V)	37,7	0,50	105	1855-2090	80,90	150-169
1204	9	≤ 5000	920 (V _{f tot} 41V)	37,7	0,59	105	2020-2355	80,90	145-169
1205	14.5	≤ 5000	1150 (V _{f tot} 41V)	47,2	0,29	105	2500-2810	80,90	161-181
1205	13	≤ 5000	1150 (V _{f tot} 41V)	47,2	0,36	105	2660-3085	80,90	153-177

1206	14.5	≤ 5000	1380 (V _f tot 41V)	56,6	0,34	105	2940-3340	80,90	158-180
1206	13	≤ 5000	1380 (V _f tot 41V)	56,6	0,43	105	3135-3630	80,90	151-175
1208	14.5	≤ 5000	1840 (V _f tot 41V)	75,4	0,46	105	3890-4335	80,90	157-175
1208	15	≤ 5000	1840 (V _f tot 41V)	75,4	0,43	105	4005-4590	80,90	154-177
1210	14.5	≤ 5000	2300 (V _f tot 41V)	94,3	0,57	105	4755-5395	80,90	153-174
1211	22	≤ 5000	2530 (V _f tot 41V)	103,7	0,27	105	5550-6225	80,90	161-181
1211	18.5	≤ 5000	2530 (V _f tot 41V)	103,7	0,39	105	6340-7465	80,90	149-173
1212	22	≤ 5000	2760 (V _f tot 41V)	113,2	0,30	105	6050-6790	80,90	161-181
1216	22	≤ 5000	3680 (V _f tot 41V)	150,9	0,40	105	7880-8840	80,90	158-177
1216	23	≤ 5000	3680 (V _f tot 41V)	150,9	0,36	105	8355-9715	80,90	148-172
1812	22	≤ 5700	2760 (V _f tot 55V)	151,8	0,39	105	7160-9855	70,80,90	127-175
1818	22	≤ 5700	4140 (V _f tot 55V)	227,7	0,588	105	10680-14695	70,80,90	127-175

Additional Information

This certificate replaces previous certificate no. ENEC-04791-P2-PLUS issued on 2025-06-19

Models (continued from page 1)

Series: Fortimo SLM C (z)(cc) (d) (m) L(ee) (s) G(i)(a)

Product Key:

Main series: **Fortimo SLM C (z)(cc) (d) (m) L(ee) (s) G(i)(a)**

Where:

- (z) = CRI divided by 10 (may be blank when d = "CED", or one digit, may be "7", "8", or "9");
- (cc) = CCT divided by 100 (two digits or six characters (or blank when d = "CED"), may be a value between 22 and 57 (or "27-865" or "27-965" (when d = "TW")));
- (d) = Flavour of light (two or three characters, may be "Px (x could be W, C, S, A or any character)" or "CW" or "FPR" or "FWW" or "FLS" or "FVF" or "FFS" or "FIS" or "CED" or "TW" or blank);
- (m) = Die matrix (four digits, example 1216; chip configuration = 12 chips in series per string & 16 strings in parallels, (or blank when d = "CED"));
- (ee) = Diameter of Light Emitting Surface (LES) in millimeter (one or two digits, example 23: LES dimensions = 23 mm);
- (s) = PCB size in mm (four digits, example 2828: CoB dimension = 28 mm x 28 mm);
- (i) = Number of generation of CoB (one digit, may be , " 8");
- (a) = Suffix for commercial purposes, may contain a blank(optional).

*each of the brackets in product key are optional.

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FORM OF THE ENEC+ MARK



15 is the identification number of the Certification Body

Size of the mark:

The size of the mark may be reduced on the condition that it remains legible and that the ratio $b/a=1,7$ is kept