

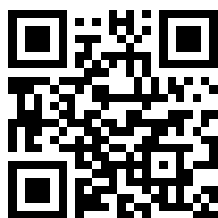
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ENEC-03052-P2-PLUS

Issue date

2024-09-25



This is to acknowledge that

SIGNIFY NETHERLANDS B.V.

HIGH TECH CAMPUS 48 EINDHOVEN 5656 AE NETHERLANDS

has had

Constant Current Built-in LED Module

Fortimo LED Square ylm zcc d HV/LVg a

See page 3 for additional Information

evaluated and meets the requirements of the EPRS standard

PD EPRS 001:2018-05 (based on EN 62717:2017)

Test Report Nos. 4791322928.3.1_1 issued on 2024-09-23

ENEC License No.(Safety): ENEC-03052-P1-M1 issued on 2024-09-10

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)

Trademark

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Ratings

I_{max}: 1920 mA ---
t_c max: 85 °C

Maximum ratings of the series:

Model*	DC Current [mA]	Power [W]	Max Luminous Flux [lm]	Efficacy [lm/W]	CCT [K]	CRI
HV/LV2	700	34,8	4800	125-155	3000-6500	80, 90
HV/LV3	400	20,8	2500	125-155	①3000-6500 ②2700, 6500	80, 90

Model*	DC Current [mA ---]	Power [W]	Number of LEDs	t _c [°C]	Max. working voltage for basic insulation to mount. surface [V]
HV/LV2 (Max 2500lm)	700	34,8	128	80	420
HV/LV2 (Max 3500lm)	1200	42,1	132	80	350
HV/LV3 (Max 2500lm)	700	36,4	256	80	320
HV/LV3 (Max 1250lm)	400	20,8	128	80	320
HV/LV4 (t="S")	960	46,1	64	85	350
HV/LV4 (t="DS")	1920	92,3	128	85**	350
HV 4 (t="S")	480	46,2	64	85	350
HV 4 (t="DS")	960	92,3	128	85	350

NOTE: "HV/LV" term above indicates that the module can be used in both HV mode or LV mode.

*: for CED version, Max working voltage is 350V.

** for S=UHE, the t_c of the product is 65°C.

Ambient Temperature Range: -10/+40°C

T_p Max [°C]: 35-75°C

Additional Information

This certificate replaces previous certificate no. ENEC-03052-P1-PLUS-UL issued on 2023-03-29

Models (continued from page 1)

**Series: Fortimo LED Square $ylm\ zcc\ d\ HV/LVg\ a$,
Fortimo LED Square- $t\ p\ y\ zcc\ s\ d\ eg\ a$**

Product Key:

Fortimo LED Square $ylm\ zcc\ d\ HV/LVg\ a$

Where:

- y = Lumen output (three or four digits);
- z = CRI of LED divided by 10 (one digit, may be "8" or "9");
- cc = Color temperature of LED divided by 100 (two digits, may be between 27 and 65) or "27-865" or "27-965";
- d = Connector designator (may be blank or "FC"= front connector or "BC"= back connector)
- g = Number of LED module's generation (one digit, may be "2" or "3")
- a = Commercial suffix for commercial purposes (optional)

Variant Series: Fortimo LED Square- $t\ p\ y\ zcc\ s\ d\ eg\ a$

Where:

- t = Size classification (may be "S" or "DS")
- p = Performance (may be blank or "CED").
- y = Lumen output classification, may be "LF", or "MF", or "SMF", or "HF", or "VHF", or blank.
- z = CRI of LED divided by 10 (one digit, may be "8" or "9" (or blank when p = "CED")).
- cc = Color temperature of LED divided by 100 (two digits, may be between 30 and 65 (or blank when p = "CED"), or maybe a value between 27 to 65 (or "27-865" or "27-965").
- s = Specials, may be blank or "HE" = High Efficiency, or "PW" = Premium White, or "UHE" = Ultra High Efficiency.
- d = Connector designator (may be blank or "FC" = front connector or "BC" = back connector).
- e = Voltage type (may be "HV" or "LV" or "HV/LV").
- g = Number of LED module's generation (one digit, may be "1" or "2" or "3" or "4").
- a = Commercial suffix for commercial purposes (optional, 1-2 digits/characters)

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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