

ENEC+ LICENSE

License No. ENEC-03052-P1-PLUS-UL
Page 1/4
Date of Issue 2023-03-29

License Holder SIGNIFY NETHERLANDS B.V.
HIGH TECH CAMPUS 48 EINDHOVEN 5656 AE
THE NETHERLANDS

Production site

ENEC License No. (safety)	ENEC License Number (Safety): ENEC-03052-P1 issued on 2023-03-20 Issued by ENEC Member Body: 15, UL International Demko A/S, Borupvang 5A, DK-2750 Ballerup, Denmark
Certification Mark	See Annex 1
Certified Product	Built-in LED Module
Model	Fortimo LED Square ylm zcc d HV/LVg a See page 2 for additional Information
Trademark	PHILIPS or Signify or ADVANCE
Ratings	I _{max} : 1200 mA tc max: 80 °C See page 2-3 for additional ratings
Complying with the following EPRS standard for performance	PD EPRS 001:2018-05 (based on EN 62717:2017)
EPRS Test Report No.	4790778539.2.1-3 issued on 2023-03-29
Additional Information	This certificate replaces previous certificate no. ENEC-03052-A1-PLUS issued on 2022-07-28

Certification Manager
Jan-Erik Storgaard

This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this License, in accordance with the ENEC+ Requirements. The Designated License holder is entitled to use the ENEC+ 15 Mark (as shown in annex 1) for the Certified Product manufactured at the production site(s) identified above in accordance with the ENEC Mark Service Agreement including without limitation the ENEC Mark Testing and Certification Services Service Terms. Only those Products bearing a valid ENEC Mark and the ENEC+ Mark should be considered as being covered by UL's ENEC+ Mark Service. This License shall remain valid unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this License is amended or withdrawn prior the Date of Withdrawal of conflicting Standard(s).

Certification Body
UL International Demko A/S, Borupvang 5A, DK-2750
Ballerup, Denmark, Tel. +45 44 85 65 65, info.dk@ul.com
www.ul.com



ENEC+ LICENSE

License No. ENEC-03052-P1-PLUS-UL
Page 2/4
Date of Issue 2023-03-29

Additional Model(s):

Series: 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)

Ratings:

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

Certification Body

This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this License, in accordance with the ENEC+ Requirements. The Designated License holder is entitled to use the ENEC+ 15 Mark (as shown in annex 1) for the Certified Product manufactured at the production site(s) identified above in accordance with the ENEC Mark Service Agreement including without limitation the ENEC Mark Testing and Certification Services Service Terms. Only those Products bearing a valid ENEC Mark and the ENEC+ Mark should be considered as being covered by UL's ENEC+ Mark Service. This License shall remain valid unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this License is amended or withdrawn prior the Date of Withdrawal of conflicting Standard(s).



ENEC+ LICENSE

License No. ENEC-03052-P1-PLUS-UL
Page 3/4
Date of Issue 2023-03-29

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

Certification Body

This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this License, in accordance with the ENEC+ Requirements. The Designated License holder is entitled to use the ENEC+ 15 Mark (as shown in annex 1) for the Certified Product manufactured at the production site(s) identified above in accordance with the ENEC Mark Service Agreement including without limitation the ENEC Mark Testing and Certification Services Service Terms. Only those Products bearing a valid ENEC Mark and the ENEC+ Mark should be considered as being covered by UL's ENEC+ Mark Service. This License shall remain valid unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this License is amended or withdrawn prior the Date of Withdrawal of conflicting Standard(s).



Annex 1 to License No. ENEC-03052-P1-PLUS-UL

Annex of the form of the 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

Certification Body

This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this License, in accordance with the ENEC+ Requirements. The Designated License holder is entitled to use the ENEC+ 15 Mark (as shown in annex 1) for the Certified Product manufactured at the production site(s) identified above in accordance with the ENEC Mark Service Agreement including without limitation the ENEC Mark Testing and Certification Services Service Terms. Only those Products bearing a valid ENEC Mark and the ENEC+ Mark should be considered as being covered by UL's ENEC+ Mark Service. This License shall remain valid unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this License is amended or withdrawn prior the Date of Withdrawal of conflicting Standard(s).

