

ENEC+ LICENCE

Licence No. ENEC-01127-P2-M2-S-PLUS-UL
Page 1/4
Date of Issue 2018-07-10

Licence Holder Philips Lighting B.V.
High Tech Campus 45
Eindhoven, 5656 AE The Netherlands

Production site

ENEC License No. ENEC-01127-P3-A2
Certification Mark See Annex 1
Certified Product Built-in LED Module
Model b LED Strip w x u y l m z c c s d e V g D a
See Page 2

Trademark **PHILIPS**

Rated Voltage / Frequency Max 121 V — See Page 2
Rated Current / Power Max 1900 mA — See Page 2

Insulation Class --
Degree of protection (IP) --

Complying with following European Standards for safety and the EPRS for performance PD EPRS 001:2014-12; IEC 62717:2014

EPRS Test Report No. Additional 4788308024.1 issued on 2018-07-09



Certification Manager
Jan Erik Storgaard

Certification Body

This is to certify that the product(s) covered by the Production covered herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this Licence, in accordance with the ENEC and ENEC+ Requirements. The Designated Licence holder is entitled to use the ENEC Mark(s) (as shown in annex 1) for the Certified Product manufactured at the production date(s) identified above in accordance with the ENEC Mark Service Agreement including without limitation the ENEC Mark Testing and Certification Service Service Terms. Only the Product(s) bearing the ENEC Mark(s) should be considered as being covered by UL's ENEC and ENEC+ Mark Service. This Licence shall remain valid until its termination or expiration in accordance with the Service Agreement including without limitation the ENEC Mark Testing and Certification Service Service Terms and/or the Date of Withdrawal of certifying Standard(s).

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ENEC+ LICENCE

Licence No. ENEC-01127-P2-M2-S-PLUS-UL
Page 2/4
Date of Issue 2018-07-10

Product Key:

bLED Strip w xu ylm zcc s deMgDa

b = Family name (may be "Fortimo" or "CertaFlux");
w = Product width in mm (optional) (two digits, if it is omitted width is 20 mm);
x = Product length in feet or mm or inch (1-4 digits/characters (for example 1.5 or 102));
u = Measurement unit for product length (two characters, may be "ft" or "mm" or "in");
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);
s = Specials (may be blank or "HE" = High Efficiency, or "PW" = Premium White);
d = Connector designator in case of "ft" or "in" (may be blank or "NA" or "1R" or "FC" = front connector or "BC" = back connector);
e = Voltage type (one character, may be "H" or "L");
g = Number of LED module's generation (one digit, may be "4" or "5");
D = Connector designator in case of "mm" (may be blank or "F" = front connector, or "B" = back connector);
a = Commercial suffix for commercial purposes (optional)

Performance ratings of the series:

Type	Supply Current [mA]	Power [P]	Max Luminous Flux [lm]	Max Efficacy [lm/W]	CCT [K]	CRI
HV	570	69	8000	168	2700-6500 K	>80
	720	48				>90
	600	37				
LV	1900	70	8000	168	2700-6500 K	>80
	400	39				>90
	1800	63				
Tp Max	95 °C					
Ambient temperature Range:	-40°C / +80°C					

(**): When w = "32" in the product key

Certification Body

This is to certify that representative sample(s) of the Product(s) described herein ("Certified Product(s)") have been investigated and found in compliance with the Standard(s) indicated on this Licence, in accordance with the ENEC Requirements. The Designated Licence holder is entitled to use the ENEC 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 Service's Service Terms). Only the Product(s) bearing the ENEC Mark should be considered as being as used by UL's ENEC Mark Service. This Licence shall remain valid unless terminated earlier in accordance with the Service Agreement (including without limitation if the Standard identified on this Certificate is amended or withdrawn prior to the Date of Withdrawal of existing Standard(s)).



ENEC+ LICENCE

Certificate No. ENEC-01127-P2-M2-S-PLUS-UL
Page 3/4
Date of Issue 2018-07-10

Factories:

Additional Information:

The original report was modified to include the following changes/additions:

- Addition of new model "HE" and "Product Key" update
- Increase of supply current of model Fortimo LED Strip 2ft 4000lmzcc FC HV5
- Addition of 1 new screwless terminals

This certificate replaces Certificate No. ENEC-01127-P2-M1-S-PLUS-UL issued on 2018-04-05

Certification Body

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Annex 1 to Licence No. ENEC-01127-P2-M2-S-PLUS-UL

Annex of the form of the Mark



* 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 Licence, in accordance with the ENEC Requirements. The Designated Licence 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 Service's Service Terms. Only those Products bearing the ENEC Mark should be considered as being covered by UL's ENEC Mark Service. This Licence shall remain valid unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior the Date of Withdrawal of said testing Standard(s).

