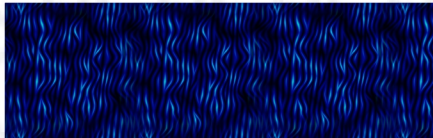


ENEC+ LICENSE

License No. ENEC-01127-P3-M2-S-PLUS-UL
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 Date of Issue 2019-08-05

License Holder

Signify Netherlands B.V.
 High Tech Campus 48
 Eindhoven, 5656 AE The Netherlands

Production site


See Page 3

ENEC License No. (safety)

ENEC-01127-P6

Certification Mark

See Annex 1

**Certified Product
Model**

Built-in LED Module
 b Strip p w x u y l z c c s d e V g D a
 See Page 2

Trademark

PHILIPS or **Signify** or **ADVANCE**

Rated Voltage / Frequency
Rated Current / Power

I_{max} 1900 mA ---

See Page 2

Insulation Class

--

Degree of protection (IP)

--

**Complying with the following EPRS
standard for performance**

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

EPRS Test Report No.

4788895556.5-2 issued on 2019-08-02

Additional Information

The report was revised to include technical modifications

Certification Manager
Jan-Erik Storgaard

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with the Service Agreement including without limitation if the Standard identified on this License is amended or withdrawn prior the Date of Withdrawal of conflicting Standard(s).

**UL International Demko A/S, Borupvang 5A, DK-2750
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Model details:

Product Key:

b Strip p w xu yl zcc s d eVgD a

Where:

b = Family name (may be "Fortimo LED" or "CertaFlux LED" or "FO" or "CF");
 p = Performance (may be blank or "PR" or "ST" or "VO");
 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 = Value of Lumen output or Value of Lumen output divided by 100 (1-4 digits);
 l = Measurement unit for Lumen output (may be "lm" or "L");
 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 or two digits, may be "1" or "2" or "3" or "4" or "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)

Maximum ratings of the series:

Type	Flux Type	Flux [lm]	Supply DC Current [mA]	LED Current [mA]	Power [W]	Number of LEDs	t _c [°C]	CCT [K] / CRI
HV	-	5500	580	190	69	120	85	2700-6500 K CRI >80, >90
	-	4400 (*)	720	180	48	88	90	
	-	6400 (**)	600	200	93,6	138	95	
	HF	4000	600	200	37	72	95	
	HF	6900 (***)	720	180	59,04	96	85	
LV	-	5500	1900	190	70	120	85	
	HF	4000	400	200	39	72	95	
		8000	1800	150	63	144	95	
Ambient temperature Range: -40°C ÷ +80°C Efficacy: 168 lm/W max								
(*) : When w = "32" in the product key (**) : When w = "12" in the product key HF means Flux ≥ 2000 lm/ft (***) : When a = "T" in the product key								

Certification Body

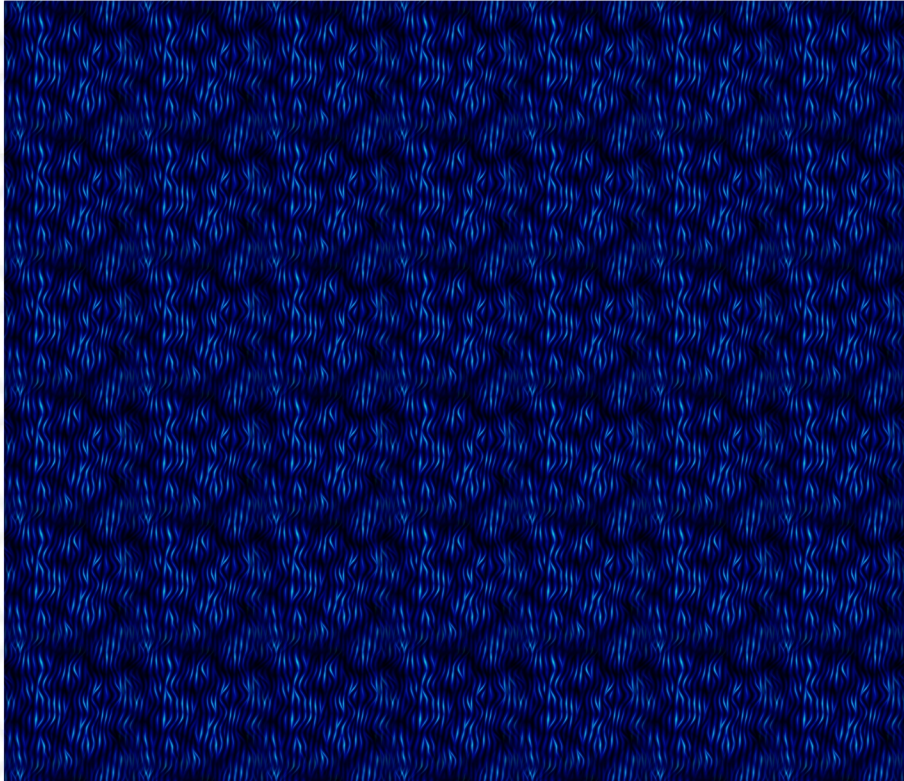
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Factories:



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

- Addition of new model variants and update of ratings

This certificate replaces certificate no. ENEC-01127-P3-M1-S-PLUS-UL issued on 2019-05-08

Certification Body

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Annex 1 to License No. ENEC-01127-P3-M2-S-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

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