

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)  
CB SCHEME

## CB TEST CERTIFICATE

Product

Built-in LED Module

Name and address of the applicant

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

Name and address of the manufacturer

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

Name and address of the factory

Note: When more than one factory, please report on page 2

☒ Additional Information on page 3

Ratings and principal characteristics

HV: I<sub>max</sub> 1000 mA   
LV: I<sub>max</sub> 2000 mA   
(see pages 2-3 for additional ratings)

Trademark / Brand (if any)



Type of Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

**b Strip p w x u y l z c c s d e V g D a**  
See Page 2

Additional information (if necessary may also be reported on page 2)

☐ Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 62717:2014/AMD1:2015, IEC 62717:2014

As shown in the Test Report Ref. No. which forms part of this Certificate

4789590971-1 issued on 2020-10-26

This CB Test Certificate is issued by the National Certification Body



UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA  
UL (Denko), Borupvang 5A DK-2750 Ballerup, DENMARK  
UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN  
UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

Date: 2020-10-26

Signature:

Jan-Erik Storgaard

**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" or "OC" or "CES" or "ST FT" or "PR FT");  
**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 (or blank when p = "CES"), may be "8" or "9");  
**cc** = Color temperature of LED divided by 100 (two digits or six characters (or blank when p = "CES"), may be a value between 27 to 65 (or "27-865" or "27-965" (when p = "PR FT" or "ST FT")));  
**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" or "6");  
**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 <sub>c</sub> [°C]	Max. working voltage for basic insulation to mount. surface [V]
HV	-	5500	600	190	89,1	180	85	420 (350 for b = Fortimo and g ≥ 4) (350 for b = CertaFlux and g ≥ 3)
	-	2200	600	150	35,64	72	80	
	-	2300 (\$)	720	240	37	48	95	
	-	2200 (§§)	1000	200	69	100	85	
	-	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	

**Additional information (if necessary)**


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Date: 2020-10-26

Signature:



Jan-Erik Storgaard

## Model Details:

## Maximum ratings of the series: (con't)

Type	Flux Type	Flux [lm]	Supply DC Current [mA]	LED Current [mA]	Power [W]	Number of LEDs	t <sub>c</sub> [°C]	Max. working voltage for basic insulation to mount. surface [V]
LV	-	5500	2000	190	72	144/180	85	120
	-	2200	900	150	35,64	72	80	
	-	2200 (§)	800	200	30	48	85	
	-	2200 (§§)	2000	200	69	100	80	
	HF	4000	400	200	39	72	95	
		8000	1800	150	63	144	95	

Ambient temperature Range: -40°C to +80°C

Efficacy: 199 lm/W max

(§): When p = "OC" in the product key

(§§): When p = "CES" in the product key

(\*): 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

## Factories:

## Additional information (if necessary)



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