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ENEC-04174-P1-M3

Issue date

2025-12-05

EN EC 15
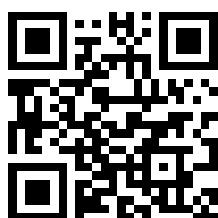
This is to acknowledge that

Signify Netherlands B.V.

High Tech Campus 48 EINDHOVEN 5656 AE Netherlands

has had

Built-in LED Module

b Strip p w xu y zcc s d egD a
See page 4 for additional Information

evaluated and meets the requirements of the standard

EN IEC 62031:2020, EN IEC 62031:2020/A11:2021

Test Report Nos. 4791181133-1 issued on 2025-11-26

Certification Manager
Thomas Wilson

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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   PHILIPS or Signify

Ratings   Imax 1440mA DC

The maximum ratings for safety testing are shown below:

Product name	Vf(V)	If(mA) DC	P(W)	Uout(V)	tc(°C)
CertaFlux LED HV					
MF	51,4	600	31	350	85
LF	34,5	600	21	350	85

Fortimo LED Strip

Product name	Vf max(V)	If max(mA) DC	Pmax(W)	Uout (V)	tc(°C)
Fortimo LED Strip iXt xft HF zcc s d HV7 (x= 1 or 2)	40,8/ft	480	19,6/ft	350	95
Fortimo LED Strip iXt xft VHF zcc s d HV7 (x= 1 or 2)	40,8/ft	720	29,4/ft	350	95
Fortimo LED Strip xft MF zcc s d HV6	40/ft	720	17.3/ft	350	85
Fortimo LED Strip xft MF zcc s d LV6	36	480/ft	17.3/ft	350	85
Fortimo LED Strip xft LF zcc s d HV6	42/ft	480	20.1/ft	350	85
Fortimo LED Strip xft LF zcc s d LV6	42	240/ft	10.1/ft	350	85
Fortimo LED Strip CES xft MF zcc d HV6	23.4/ft	720	16.9/ft	350	85

FO Strip HLD

Product name	Vf max(V)	If max(mA) DC	Pmax(W)	Uout (V)	tc(°C)
FO Strip HLD 1ft HF zcc HE d HV/LV6	44,3	720	31,9	350	75
FO Strip HLD 2ft HF zcc HE d HV6	88,5	720	63,72	350	75
FO Strip HLD 2ft HF zcc d LV6	44,9	1440	64,66	350	75

FO Strip

Product name	Vf max(V)	If max(mA) DC	Pmax(W)	Uout (V)	tc(°C)
FO Strip 2ft HF zcc BC HV7 R64	45,7	800	36,56	350	85
FO Strip 2ft HF zcc BC HV7 R60	57,1	600	34,26	350	85

Additional Information	The report was revised to include technical modifications.
	-Add new models to the family (p= iXt)
	-And so updated marking of plate, product key, maximum ratings table, and related enclosures.
	-Minor update factory information to align with UL database.
	This certificate replaces previous certificate no. ENEC-04174-P1-M2 issued on 2024-11-26

Models (continued from page 1)   **Series:** b Strip p w xu y zcc s d egD a

Product Key:
Main series: b Strip p w xu y zcc s d egD a
Where:

b	family name (may be "CertaFlux LED", "Fortimo LED", or "FO")
p	Performance (may be blank or "PR" or "ST" or "VO" or "OC" or "CES" or "ST FT" or "PR FT" or "HLD" or "iXt");
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 classification (may be "LF", or "MF", or "SMF", or "HF", or "VHF");
z	CRI of LED divided by 10 (one digit (or blank when p = "CES" or "CED"), may be "8" or "9");
cc	Color temperature of LED divided by 100 (two digits or six characters (or blank when p = "CES" or "CED"),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, or "UHE" = Ultra High Efficiency);
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 (characters, may be "HV" or "LV" or "HV/LV");
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" or "7");
D	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, 1-3 digits/characters, eg. R64);

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FORM OF THE ENEC MARK
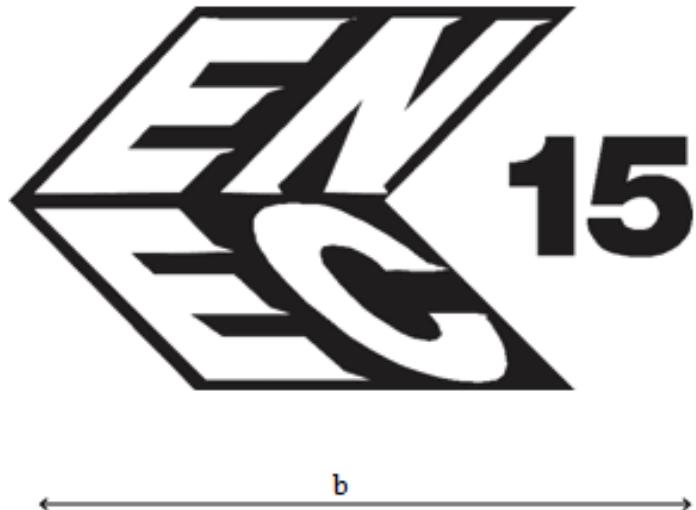
15 is the identification number of the Certification Body

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.