



Ref. Certif. No.

DK-126433-M1-UL

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 Eindhoven 5656 AE
The Netherlands


Name and address of the manufacturer

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

Name and address of the factory

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

Ratings and principal characteristics

I_{max}: 240 mA ; U_{max}= 150V; t_c max: 85 °C
☒ [Additional Information on page 3](#)

Trademark / Brand (if any)

PHILIPS or SIGNIFY

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

Main series: **Fortimo Edge Lit x u y z c c p d e g a**
☒ [Additional Information on page 2](#)

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

The report was revised to include technical modifications.
☒ [Additional Information on page 3](#)

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

IEC 62031:2018

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

4790275852 issued on 2023-03-16

This CB Test Certificate is issued by the National Certification Body



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

For full legal entity names see www.ul.com/ncbnames

Date: 2023-03-17

Original Issue Date: 2022-04-19

Signature:

Jan-Erik Storgaard



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Factory(ies):

Additional Model Detail(s):

Fortimo Edge Lit xu y zcc p d eg a,

Product Key:

Model Designation: "Fortimo Edge Lit xu y zcc p d eg a" where:

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 = "CED"), may be "8" or "9");
cc	Color temperature of LED divided by 100 (two digits, may be between 30 and 65 (or blank when p = "CED");
p	Performance (may be blank or "CED");
d	Connector designator (may be blank or "FC" = front connector);
e	Voltage type (may be "HV" or "LV" or "HV/LV");
g	Number of LED module's generation (one digit, start from "5");
a	a = Commercial suffix for commercial purposes (optional);

Additional information (if necessary)

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Additional Ratings:**Maximum ratings:**

Number of LED	DC Current [mA]	Umax [V]	Power [W]	t _c [°C]	Maximum working voltage for basic insulation to mounting surface [V]
90	240 	150	36	85	350

Additionally evaluated to: EN IEC 62031:2020, EN IEC 62031:2020/A11:2021
National Differences specified in the CB Test Report.

Additional Information:

--Test results of assessment of blue light hazard are reported on separate test reports No. 4790267713.2.1_1 according to IEC TR 62778: 2014. The modules are classified as RISK GROUP 1 unlimited.

Summary of Modifications:

- Delete factory SIGNIFY ILLUMINACAO BRAZIL LTDA.
- Add factory Signify Poland Sp. z o.o. (Kossaka 150, PILA, 64-920, Poland)
- Add EU group difference and update EN standards

Additional information (if necessary)

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- ☒ UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
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