

CERTIFICATE

Issued to:
Applicant:
Philips Lighting B.V.
High Tech Campus 45
5656 AE Eindhoven, The Netherlands

Manufacturer/Licensee:
Philips Lighting B.V.
High Tech Campus 45
5656 AE Eindhoven, The Netherlands

Product : LED module
Trade name(s) : PHILIPS
Type(s)/model(s) : b DLM ES y/zcc Gg (a)

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 62031:2008, EN 62031:2008/A1:2013 and EN 62031:2008/A2:2015
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 947556

DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration of the ENEC certification agreement and under the conditions of the ENEC certification agreement.

This certificate is issued on 6 June 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-100545

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Kreny Lin
Certification Manager

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DUTCH ACCREDITATION
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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED module
Trade name(s)	: PHILIPS
Type(s)/model(s)	: b DLM ES y/zcc Gg (a)
Rated input voltage	: 220-240 V
Nature of supply	: ac/dc
Rated frequency	: 50/60 Hz at ac
Rated current	: Max. 130 mA
Maximum case temperature (tc)	: 85 °C
Rated power	: Max. 27 W
Description	: built-in

TESTS**Test requirements**

EN 62031:2008

EN 62031:2008/A1:2013

EN 62031:2008/A2:2015

Test result

The test results are laid down in DEKRA test file 600819200.

Additional Information

Product name key: b DLM ES y/zcc Gg (a)

b Family name, it is Fortimo.

y Lumen output, maximum 3000lm.

z CRI of LED divided by 10, it may be 8.

cc Color temperature of LED divided by 100, it may be 30 or 40.

g Number of LED module's generation, one digit, it may be 1, 2...

a Optional suffix to identify additional applications, it may be B for bare board.

Remarks:

For component list refers to annex 1 of test reports 6008192.50.

Conclusion

The examination proved that all test requirements were met.

The tests were performed by the manufacturer under the conditions of the agreement concerning the manufacturer's right to conduct type tests for the KEMA-KEUR / ENEC certification system under supervision of DEKRA (CTF Stage 3).

Conclusion

The examination proved that all requirements were met.

