

CERTIFICATE

Issued to:
Applicant:
Lumileds Malaysia Sdn. Bhd.
Lebuh Kampung Jawa, Bayan Lepas FIZ, Phase 3
11900 Penang, Malaysia

Licensee:
Lumileds Malaysia Sdn. Bhd.
Lebuh Kampung Jawa, Bayan Lepas FIZ, Phase 3
11900 Penang, Malaysia

Product : LED module
Trade name(s) : LUMILEDS
Type(s)/model(s) : L213-NSC1008MRH001, L213-NSC1012MRH001 and
L213-NSC1016MRH001

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

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

- a type test according to PD EPRS 001:2018
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6066553

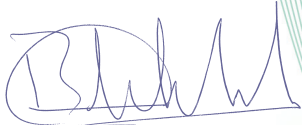
DEKRA hereby grants the right to use the ENEC+ certification mark.

The ENEC+ certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC+ certification agreement and based on ENEC certificate no 31-139836.

This certificate is issued on 15 May 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-140395

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



H.R.M. Barends
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED module
Trade name(s)	: LUMILEDS
Type(s)/model(s)	: L213-NSC1008MRH001, L213-NSC1012MRH001 and L213-NSC1016MRH001
Max Operating temperature (tp)	: 85°C
Input current	: 0,7 A
Ambient temperature range	: 25 °C
Colour temperature (CCT)	: 1850 K
Colour rendering index (CRI)	: 50

Product data – type L213-NSC1008MRH001

Rated voltage	: 22,2 Vdc
Rated wattage	: 15,5 W
Luminous flux	: 2368 lm
Luminous efficacy	: 152,8 lm/W

Product data – type L213-NSC1012MRH001

Rated voltage	: 33,3 Vdc
Rated wattage	: 23,3 W
Luminous flux	: 3552 lm
Luminous efficacy	: 152,4 lm/W

Product data – type L213-NSC1016MRH001

Rated voltage	: 44,4 Vdc
Rated wattage	: 31,1 W
Luminous flux	: 4736 lm
Luminous efficacy	: 152,3 lm/W

TESTS**Test requirements**

PD EPRS 001:2018

Test result

The test results are laid down in DEKRA test file 617970100.

Additional information

The list of components is laid down in test report 6179701.50P.

Conclusion

The examination proved that all requirements were met.

Factory location


Model list

Model name	Rated power (W)	Rated luminous flux (lm)	Rated CCT (K)	CRI	Rated efficacy (lm/W)	Dimensions (mm)
L213-NSC1016MRH001	31,1	4736	1850	50	152,3	223,0 x 49,5
L213-NSC1012MRH001	23,3	3552	1850	50	152,4	172,2 x 49,5
L213-NSC1008MRH001	15,5	2368	1850	50	152,8	121,4 x 49,5