

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) : L213-2270016MDE001, L213-2770016MDE001, L213-2780016MDE001,
L213-3070016MDE001, L213-3080016MDE001, L213-3570016MDE001,
L213-4070016MDE001, L213-4080016MDE001, L213-5070016MDE001 and
L213-5770016MDE001

The product and any acceptable variation thereto as 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 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

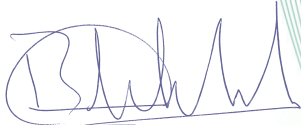
DEKRA hereby grants the right to use the ENEC+ certification mark.

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 31-123884.

This certificate is issued on 20 March 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-136962

DEKRA Certification B.V.

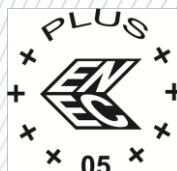


B.T.M. Holtus
Managing Director



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)	: L213-2270016MDE001, L213-2770016MDE001, L213-2780016MDE001, L213-3070016MDE001, L213-3080016MDE001, L213-3570016MDE001, L213-4070016MDE001, L213-4080016MDE001, L213-5070016MDE001 and L213-5770016MDE001
Rated input current	: 0,7 Adc
Nominal power	: 31,08 W
Max. case temperature (tc)	: 85 °C
Luminous flux	: Max: 5545 lm, Min: 4591 lm
Luminous efficacy	: Max: 178,4 lm/W, Min: 147,7 lm/W
Ambient temperature range	: 25 °C
Colour temperature (CCT)	: 2200 K to 5700 K
Colour rendering index (CRI)	: 70, 80

TESTS**Test requirements**

PD EPRS 001:2018

Test result

The test results are laid down in DEKRA test file 617969700.

Additional information

The list of components is laid down in test report 6179697.50P.

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)
L213-2270016MDE001	31,08	4591	2200	70	147,7	223,0 x 49,5
L213-2770016MDE001		5004	2700		161,0	
L213-3070016MDE001		5307	3000		170,8	
L213-3570016MDE001		5503	3500		177,1	
L213-4070016MDE001		5545	4000		178,4	
L213-5070016MDE001		5518	5000		177,5	
L213-5770016MDE001		5466	5700		175,9	
L213-2780016MDE001		4633	2700	80	149,1	
L213-3080016MDE001		4903	3000		157,8	
L213-4080016MDE001		5165	4000		166,2	