

# 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 EN IEC 62031:2020 and EN IEC 62031:2020/A11:2021
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2191594

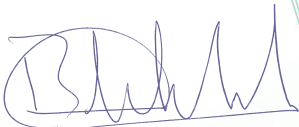
DEKRA hereby grants the right to use the ENEC certification mark.

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.

This certificate is issued on 23 April 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-139836

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



K Xu  
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE  
DUTCH ACCREDITATION  
COUNCIL



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

|                            |  |
|----------------------------|--|
| Product                    | : LED module   |
| Trade name(s)              | : LUMILEDS   |
| Type(s)/model(s)           | : L213-NSC1008MRH001, L213-NSC1012MRH001 and<br>L213-NSC1016MRH001 |
| Max. case temperature (tc) | : 85°C   |
| Input current              | : 0,7 A  |

**Product data – type L213-NSC1008MRH001**

|               |            |
|---------------|------------|
| Rated voltage | : 22,2 Vdc |
| Rated wattage | : 15,5 W   |

**Product data – type L213-NSC1012MRH001**

|               |            |
|---------------|------------|
| Rated voltage | : 33,3 Vdc |
| Rated wattage | : 23,3 W   |

**Product data – type L213-NSC1016MRH001**

|               |            |
|---------------|------------|
| Rated voltage | : 44,4 Vdc |
| Rated wattage | : 31,1 W   |

**TESTS****Test requirements**

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

**Test result**

The test results are laid down in DEKRA test file 618723300.

**Additional information**

The product also complies with EN 62493:2015+A1:2022 in ENEC certificate

The list of components is laid down in test report 6187233.50.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

trade name : LUMILEDS Stands for  **LUMILEDS**