CERTIFICATE

Issued to: Applicant: SIA VIZULO Bukultu Str. 11 LV-1005 Riga, Latvia

Licensee: SIA VIZULO Bukultu Str. 11 LV-1005 Riga, Latvia

Product : Street lighting / Floodlight luminaire with LED light source

Trade name(s) : VIZULO

Type(s)/model(s) : MRSy series and MRUy series

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 003:2018
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6058253

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 71-129712.

This certificate is issued on 13 November 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-132575

DEKRA Certification B.V.

B.T.M. Holtus Managing Director H.R.M. Barends
Certification Manager

© Integral publication of this certificate is allowed





SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

: Street lighting / Floodlight luminaire with LED light source Product

Trade name(s) : VIZULO

: MRSy series and MRUy series Type(s)/model(s) Model : Martin LED street luminaire

Rated voltage/nature of supply : 198 - 264 Vac Rated frequency : 50/60 Hz

Rated current : For MRSy series: 30 - 630 mA

For MRUy series: 30 - 500 mA

Rated power : For MRSy: max. 145 W, dependent of ambient temperature (ta)

For MRUy: max. 115 W, dependent of ambient temperature (ta)

with ta: -40...+35 °C

5-145 W (for models starting with MRS) 5-130 W (for models starting with MRSS) 5-115 W (for models starting with MRU) 5-95 W (for models starting with MRUS)

with ta: -40...+40 °C

5-140 W (for models starting with MRS) 5-120 W (for models starting with MRSS) 5-105 W (for models starting with MRU) 5-85 W (for models starting with MRUS)

with ta: -40...+50 °C

5-120 W (for models starting with MRS) 5-100 W (for models starting with MRSS) 5-96 W (for models starting with MRU) 5-75 W (for models starting with MRUS)

Ambient temperature range : $ta = -40... +35/40/50 \,^{\circ}C$

: class I Classification Degree of protection against dust, : IP66

moisture and solid objects

Degree of protection agianst external : IK08 / IK09 / IK10 - dependent of configuration

mechanical impact

Colour temperature (CCT) : 2700K, 3000K, 4000K, 5000K

Colour Rendering Index (CRI) : >70

: MRSy series: up to 169 lm/W Luminous efficacy (Luminiare)

MRUy series: up to 162 lm/W

Luminaire type : Type A

TESTS

Test requirements

PD EPRS 003:2018

Test result

The test results are laid down in DEKRA test file 227857500.



ANNEX TO ENEC+ CERTIFICATE 71-132575

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Additional information

Test standard PD EPRS 003:2019-05 is based on EN 62722-2-1:2016

additional information related to the product name

"y" version (F; S; E; T)

F= Flood

S = Smooth (finless)

E = Eco

T = Tool-less

"y" can blank or one or several of all above options.

For more details about the product name, refers to the test report.

The list of components is laid down in test report 2274314.50.

Conclusion

The examination proved that all requirements were met.

Factory location

SIA Vizulo Laucu Lejas LV-3913 lecava, Latvia