

CERTIFICATE

Issued to:
Applicant:
Nordeon GmbH
Rathenaustraße 2-6
31832 Springe, Germany

Manufacturer/Licensee:
Nordeon GmbH
Rathenaustraße 2-6
31832 Springe, Germany

Products : Luminaires for road and street lighting with LEDs
Trade name : VULKAN
Types : V3630 series

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 60598-1:2008; EN 60598-2-3:2003;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 3404412

DEKRA hereby grants the right to use the ENEC KEMA-KEUR certification mark.

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

This certificate is issued on: 21 July 2014 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3404412.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



H. Biener
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	:	Luminaires for road and street lighting with LEDs
trade name	:	VULKAN
types	:	V3630 series
rated voltage	:	230 V
nature of supply	:	ac
rated frequency	:	50 Hz
rated input	:	max 150 W
class	:	I or II
degree of protection	:	IP66

Additional information

- luminaires for road and street lighting with integral LED module(s) and built-in LED driver
- for post top, mast arm and pipe mounting

Product data - V3630... series:

Example: V3630 4x35W 740 II CLM LRT O2 703

power	:	1x..W (max. 37W), 2x..W (max. 37W), 3x..W (max. 37W), 4x..W (max. 37W)
color of light	:	730 (represents 3000 K), 740 (represents 4000 K), 750 (represents 5000 K)
type of protection	:	I (class I), II (class II)
constant lumen management	:	Blank (standard), CLM (with constant lumen management)
light regulation	:	Blank (standard), LRA (autarkic regulation), LRT (twin-phase regulation), DALI
optic	:	O1 (Main roads), O2 (Thorough fares), O3 (Residential streets), O4 (Cycle- and pedestrian paths), O5 (Parking- and Area lighting) O6 (Crosswalks)
color of housing	:	e.g. 703 (dark grey)

TESTS**Test requirements**

Main test requirements:

EN 60598-1:2008 + A11:2009

EN 60598-2-3:2003 + A1:2011

Additional test requirements:

EN 62031:2008 + A1:2013

EN 62471:2008

Test result

The test results are laid down in DEKRA test file 3404412.00.

Remarks

The component list is laid down in test report 3404412.50.

Conclusion

The examination proved that all test requirements were met.

Tested by : M. Müller

A handwritten signature in blue ink, appearing to read 'M. Müller'.

Checked by : J. Marggraf

A handwritten signature in blue ink, appearing to read 'J. Marggraf'.**Factory locations**

Nordeon GmbH

Rathenaustraße 2-6, 31832, Springe

Germany