

# CERTIFICATE

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

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

Products : Fixed general purpose luminaires with LEDs  
Trade name : NORDEON  
Types : TYR xx000LM yyy zzz 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 60598-2-1:1989; EN 60598-2-24:2013;
- 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: 28 June 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3406813.01



DEKRA Certification B.V.

drs. G.J. Zoetbrood  
Managing Director



C. Nitschke  
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE  
DUTCH ACCREDITATION  
COUNCIL



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

product	:	Fixed general purpose luminaires with LEDs
trade name	:	NORDEON
types	:	TYR xx000LM yyy zzz series
rated voltage	:	230V
nature of supply	:	ac
rated frequency	:	50Hz
rated input	:	max 280W
max ambient temperature	:	45°C
class	:	I
degree of protection	:	IP66
description	:	luminaires for ceiling mounting with wire ropes

**Additional information**

- luminaires with certified built-in electronic control gear and certified LED modules

**Type description:**

TYR xx000LM yyy zzz, e.g.: TYR 28000LM 840 STD  
xx indicates luminous flux (values till 28)  
yyy indicates light colour (730/740/750/765/830/840)  
zzz indicated type of control gear (STD/DALI)

**TESTS****Test requirements**

EN 60598-1:2008 + A11:2009

EN 60598-2-1:1989

EN 60598-2-24:2013

**Test result**

The test results are laid down in DEKRA test file 3406813.00.

**Remarks**

The component list is laid down in test report 3406813.50.

This certificate supersedes ENEC/KEMA-KEUR certificate no. 3406246.01, due to addition of alternative component.

**Conclusion**

The examination proved that all test requirements were met.

Tested by : J. Marggraf

A handwritten signature in blue ink, appearing to read "J. Marggraf".

Checked by : M. Müller

A handwritten signature in blue ink, appearing to read "M. Müller".**Factory locations**

Nordeon GmbH

Rathenaustraße 2-6, 31832, Springe

Germany