

CERTIFICATE

Issued to:
Applicant:
Vossloh-Schwabe Deutschland GmbH
Stuttgarter Str. 61/1
73614 Schorndorf, Germany

Licensee:
Vossloh-Schwabe Deutschland GmbH
Stuttgarter Str. 61/1
73614 Schorndorf, Germany

Product : Electronic controlgear for LED modules
Trade name(s) : VS LIGHTING SOLUTIONS or Vossloh-Schwabe Deutschland GmbH
Type(s)/model(s) : ECXe 350.031

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 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 61347-1:2015, EN 61347-1:2015/A1:2021 and EN IEC 62384:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6061104

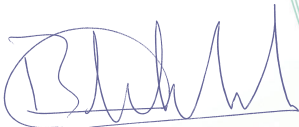
DEKRA hereby grants the right to use the ENEC certification mark.

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 11 April 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 81-139303

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Miranda Zhou
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

| | |
|-------------------|---|
| Product | : Electronic controlgear for LED modules |
| Trade name(s) | : VS LIGHTING SOLUTIONS or Vossloh-Schwabe Deutschland GmbH |
| Type(s)/model(s) | : ECXe 350.031 |
| Primary voltage | : 220-240 V for a.c., d.c. |
| Rated frequency | : 50-60 Hz, 0 Hz |
| Primary current | : 0,13 A for a.c., 0,091 A for d.c. |
| Secondary current | : 0,35 A |
| Secondary power | : 15 W |
| Type of load | : LED modules, power LED |
| Classification | : Built in with double insulation |

TESTS**Test requirements**

EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN 61347-1:2015
EN 61347-1:2015/A1:2021
EN IEC 62384:2020

Test result

The test results are laid down in DEKRA test file 350964600.

Additional information

DEKRA test report No. 3509080.190 and 3509080.191 are laid down in DEKRA test file 350964600; they contain test results.

For specific Model/Type electrical rating refer to following page.

The list of components is laid down in test report 3509080.190.

Conclusion

The examination proved that all requirements were met.

Factory location


| General product information: The device is intended to supply high power Light Emitting Diodes or LED modules. The device has a constant output current (CC). | | | | | | | | | |
|---|---------------------|--------------------|--------------|------------------|--------------------|----------|---------------------|---------------------|-------------------|
| Types | Supply voltage (V) | Supply current (A) | Power Factor | Output power (W) | Output current (A) | Uout (V) | t _a (°C) | t _c (°C) | Use [1] |
| ECXe 350.031 | 220-240 176-275* | 0,13 0,091* | 0,55 C | 15 | 0,35 | 43 | -20..50 | 80 | BI, MM, 100, SELV |
| Notes: *values with d.c. supply, rated 220-240V, extended 176-275 V. [1] – BI=built-in; MM=suitable for direct mounting on normally flammable surfaces (EN 60598-1); 100=thermal protection (C.5.a automatic resetting type); SELV=SELV output. | | | | | | | | | |