

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 : LED driver
Trade name(s) : VS LIGHTING SOLUTIONS
Type(s)/model(s) : ECXd 150.604, ECXd 250.597, ECXd 350.605 and ECXd 700.598

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(s) EN 61347-1:2015, EN 61347-1:2015/A1:2021, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 62384:2006 and EN 62384:2006/A1:2009
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6061104

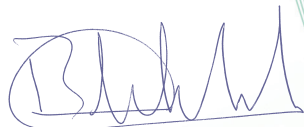
DEKRA hereby grants the right to use the ENEC certification mark.

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 22 March 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-123059

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED driver
Trade name(s)	: VS LIGHTING SOLUTIONS
Type(s)/model(s)	: ECXd 150.604, ECXd 250.597, ECXd 350.605 and ECXd 700.598
Rated voltage	: 220-240 V
Rated frequency	: 50/60 Hz
Ambient temperature (ta)	: -15-45°C
Class of insulation	: Class II
Additional information	: independent type, SELV, constant current output, non-inherently short circuit proof;
Degree of protection	: IP20
Max. case temperature (tc)	: 85°C
Power factor	: 0,9C

Product data – type ECXd 150.604

Additional information	: 35/24 mA, Irated: 150/100 mA, Urated: 20-42 Vdc, Uout: 60 Vdc, 6 W
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Product data – type ECXd 250.597

Additional information	: 58/46 mA, Irated: 250/200 mA, Urated: 20-42 Vdc, Uout: 60 Vdc, 10 W;
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Product data – type ECXd 350.605

Additional information	: 80/70 mA, Irated: 350/300 mA, Urated: 20- 42 Vdc, Uout: 60 Vdc, 15 W;
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Product data – type ECXd 700.598

Additional information	: 150/110 mA, Irated: 700/500 mA, Urated: 20- 42 Vdc, Uout: 60 Vdc, 30 W;
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TESTS**Test requirements**

EN 61347-1:2015
EN 61347-1:2015/A1:2021
EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN 62384:2006
EN 62384:2006/A1:2009

Test result

The test results are laid down in DEKRA test file 438413200.

Additional information

The list of components is laid down in test report 4384132.50,4384132.51.

Conclusion

The examination proved that all requirements were met.

Factory location

Zhejiang Klite Lighting Holdings Co.,Ltd
No. 12 TingChao Road, JianShan New District,
314416 Haining City, Zhejiang Province Zhejiang, China

Trade name(s): VS LIGHTING SOLUTIONS stands for

