

# 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 Power Supply  
Trade name(s) : VS LIGHTING SOLUTIONS  
Type(s)/model(s) : ECXd1050.649, ECXd350.647 and ECXd700.648

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 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

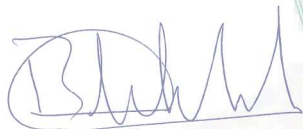
DEKRA hereby grants the right to use the ENEC certification mark.

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 29 June 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-129084

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



MT Tonsi  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL





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

Product	: LED Power Supply
Trade name(s)	: VS LIGHTING SOLUTIONS
Type(s)/model(s)	: ECXd1050.649, ECXd350.647 and ECXd700.648
Rated voltage	: 220-240 Vac or 198-254 Vdc
Rated frequency	: 50/60 Hz
Degree of protection	: IP20
Additional information	: Built-in type, double insulation, non-inherently shorted circuit proof, 110 °C thermal protection, SELV constant current output, EL mark

**Product data – type ECXd1050.649**

Input current : 0.26 A

**Product data – type ECXd350.647**

Input current : 0.12 A

**Product data – type ECXd700.648**

Input current : 0.19 A

**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 490303700.

**Additional information**

The list of components is laid down in test report 4903037.50, 4903037.51.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

Trade name(s) : VS LIGHTING SOLUTIONS stands for



Model List:

Model number	Input			Output				ta (°C)	tc (°C)
	Voltage (VAC)	Frequency (Hz)	Current (A)	Voltage (VDC)	Irated (mA)	Max. Prated (W)	Max. voltage (No load) (VDC)		
ECXd350.647	220-240	50/60	0,12	9-42	120	5,04	57	35	70
				9-42	150	6,3			
				9-42	180	7,56			
				9-42	200	8,4			
				9-42	250	10,5			
				9-42	280	11,76			
				9-42	300	12,6			
ECXd700.648	220-240	50/60	0,19	9-42	350	14,7	55	35	75
				9-42	400	16,8			
				9-42	450	18,9			
				9-42	500	21			
				9-42	550	23,1			
				9-42	600	25,2			
				9-42	650	27,3			
ECXd1050.649	220-240	50/60	0,26	9-42	700	29,4	56	35	85
				9-42	750	31,5			
				9-42	800	33,6			
				9-42	850	35,7			
				9-42	900	37,8			
				9-42	950	39,9			
				9-40	1000	40			
				9-38,5	1050	40,4			