

# 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 (Constant Current LED Power Supply)  
Trade name(s) : VS LIGHTING SOLUTIONS  
Type(s)/model(s) : ECXe 350.738, ECXe 350.739, ECXe 350.740, ECXe 500.741, ECXe 500.742 and ECXe 700.743

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 based on:

- 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

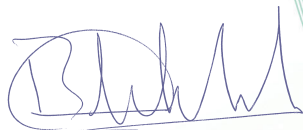
DEKRA hereby grants the right to use the ENEC certification mark.

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 27 April 2025 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-157326

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



Kreny Lin  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



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

|                                          |                                                                                         |
|------------------------------------------|-----------------------------------------------------------------------------------------|
| Product                                  | : Electronic controlgear for LED modules (Constant Current LED Power Supply)            |
| Trade name(s)                            | : VS LIGHTING SOLUTIONS                                                                 |
| Type(s)/model(s)                         | : ECXe 350.738, ECXe 350.739, ECXe 350.740, ECXe 500.741, ECXe 500.742 and ECXe 700.743 |
| Rated voltage                            | : 220 - 240 Vac (220 – 240 Vdc / 176 – 276 Vdc for emergency use)                       |
| Rated frequency                          | : 50/60 Hz or 0 Hz                                                                      |
| Power factor (pf)                        | : 0.91C...0.98                                                                          |
| Rated maximum ambient temperature (ta)   | : 50 °C                                                                                 |
| Rated maximum operating temperature (tc) | : 75/80 °C                                                                              |
| Description                              | : Built-in; Auto-wound; Constant current type                                           |
| Output power                             | : 91 W max                                                                              |

**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 documented in DEKRA test file 621789100.

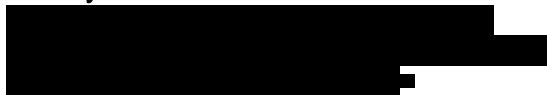
**Additional information**

The product also complies with EN 62493:2015+A1:2022 in ENEC certificate

The list of components is laid down in test report 6217891.50.

**Conclusion**

The examination has confirmed that all requirements were met.

**Factory location**



Trade name(s) : VS LIGHTING SOLUTIONS Stands for

**Annex model list:**

| Model name      | Input voltage                   | Input current (mA) | Output voltage (V) | Output voltage (mA)   | Uout (V) | Max. output power (W) | Ta (°C) | Tc (°C) |
|-----------------|---------------------------------|--------------------|--------------------|-----------------------|----------|-----------------------|---------|---------|
| ECXe<br>350.738 | 220 - 240 Vac; 50/60 Hz         | 195 - 230          | 40 - 130           | 200 / 250 / 300 / 350 | 250      | 26 / 32,5 / 39 / 45,5 | 50      | 75      |
|                 | 220 - 240 Vdc; 0 Hz             | 185 - 280          |                    |                       |          |                       |         |         |
|                 | 176 - 276 Vdc; 0 Hz (Emergency) |                    |                    |                       |          |                       |         |         |
| ECXe<br>500.741 | 220 - 240 Vac; 50/60 Hz         | 280 - 330          | 40 - 130           | 350 / 400 / 450 / 500 | 250      | 45,5 / 52 / 58,5 / 65 | 50      | 75      |
|                 | 220 - 240 Vdc; 0 Hz             | 260 - 410          |                    |                       |          |                       |         |         |
|                 | 176 - 276 Vdc; 0 Hz (Emergency) |                    |                    |                       |          |                       |         |         |
| ECXe<br>350.739 | 220 - 240 Vac; 50/60 Hz         | 280 - 330          | 90 - 190           | 200 / 250 / 300 / 350 | 250      | 38 / 47,5 / 57 / 66,5 | 50      | 75      |
|                 | 220 - 240 Vdc; 0 Hz             | 260 - 410          |                    |                       |          |                       |         |         |
|                 | 176 - 276 Vdc; 0 Hz (Emergency) |                    |                    |                       |          |                       |         |         |
| ECXe<br>350.740 | 220 - 240 Vac; 50/60 Hz         | 360 - 420          | 120-240            | 200 / 250 / 300 / 350 | 275      | 48 / 60 / 72 / 84     | 50      | 80      |
|                 | 220 - 240 Vdc; 0 Hz             | 325 - 515          |                    |                       |          |                       |         |         |
|                 | 176 - 276 Vdc; 0 Hz (Emergency) |                    |                    |                       |          |                       |         |         |
| ECXe<br>500.742 | 220 - 240 Vac; 50/60 Hz         | 385 - 450          | 90-180             | 350 / 400 / 450 / 500 | 250      | 63 / 72 / 81 / 90     | 50      | 80      |
|                 | 220 - 240 Vdc; 0 Hz             | 355 - 560          |                    |                       |          |                       |         |         |
|                 | 176 - 276 Vdc; 0 Hz (Emergency) |                    |                    |                       |          |                       |         |         |
| ECXe<br>700.743 | 220 - 240 Vac; 50/60 Hz         | 395 - 460          | 40-130             | 550 / 600 / 650 / 700 | 250      | 71,5 / 78 / 84,5 / 91 | 50      | 80      |
|                 | 220 - 240 Vdc; 0 Hz             | 360 - 565          |                    |                       |          |                       |         |         |
|                 | 176 - 276 Vdc; 0 Hz (Emergency) |                    |                    |                       |          |                       |         |         |