



**SLOVENSKA
AKREDITACIJA**
SIST EN ISO/IEC 17065
CP-001

Licence

for the use of ENEC+ certification mark

Number: SI-ENEC+ 015/001 A1

Project file: C20261073

License holder: Vossloh-Schwabe Deutschland GmbH
Stuttgarter Straße 61/1, 73614 Schorndorf, Germany

Product: Built-in LED modules

Type reference: MSP SC 2R/Z15/5050/T/4/xyy NTC G4
MSP SC 2R/Z15/5050/T/8/xyy NTC G4
MSP SC 2R/Z15/5050/T/12/xyy NTC G4
MSP SC 2R/Z15/5050/T/16/xyy NTC G4
MSP SC 2R/Z19/5050 T/12/xyy/ NTC G4
MSP SC 2R/Z19/5050/T/12/xyy G4

Trademark:



This licence is granted subject to the ENEC+ rules on product certification. SIQ certifies the compliance of the product with the requirements of the EPRS requirements for performance and approves that the stated licensee's places of manufacture are subject to regular surveillance. SIQ hereby grants the right to use of the ENEC+ Certification Mark of conformity on the specified products manufactured in the licensee's places of manufacture.

Certification mark:



EPRS requirements for performance: PD EPRS 001:2025-04 (EN 62717:2017 + A2:2019 modified by EPRS 001)

ENEC Licence: ENEC 10 Certificate No. 40051301 issued by VDE

Test report: T211-0635/26 A1 (2026-09-04)

Remarks: This licence has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification.
This licence is valid only in conjunction with ENEC Licence stated above and as long as the conditions laid down in the listed requirements are not modified significantly and until the licensee complies with the SIQ's rules on product certification.

Date: 2026-09-04

Authorized signature: Matej Žontar

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This ENEC+ licence replaces previously issued ENEC+ licence No. SI-ENEC+ 015/001, issued on 2026-08-04. New licence was issued due to the correction of the maximum rated values.

Additional remarks:

The list of critical components of the product for which this licence is granted is included in the test report.

Ratings:

Type reference	MSP SC 2R/Z15/5050/T/...	MSP SC 2R/Z19/5050/T/...
Supply current	max. 500 mA	max. 500 mA
Input power	max. 21,8 W	max. 16,3 W
Luminous flux	max. 4500 lm	max. 3375 lm
Luminous efficacy	max. 206 lm/W	max. 206 lm/W
Chromaticity coordinates	Depending on CCT; SDCM 5	Depending on CCT; SDCM 5
Correlated colour temperature (CCT)	1800 K, 2200 K, 2700 K, 3000 K, 4000 K or 5000 K	1800 K, 2200 K, 2700 K, 3000 K, 4000 K or 5000 K
Colour rendering index (CRI)	70 or 80	70 or 80
Operating Temperature Rating (tp)	65 °C	65 °C
Ambient Temperature Range (ta)	-30 ÷ 40 °C	-30 ÷ 40 °C

Note: Stated are only the maximum ratings for each type reference at $I_F = 500$ mA

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Type designation:

Example 1:	<u>MSP</u> <u>SC</u> <u>2R/Z19/5050</u> <u>T/12/840</u> <u>G4</u>
Designation scheme:	A B C D E F G H I K
Example 2:	<u>MSP</u> <u>SC</u> <u>2R/Z15/5050</u> <u>T/4/840</u> <u>NTC</u> <u>G4</u>
Designation scheme:	A B C D E F G H I J K

- A Product Area & Shape: **MS** = Module Street
- B Product Line: **P** = Prime
- C Technology: **SC** = SMD Constant Current
- D Shape: **2R/Z15** or **2R/Z19** (different LED module dimensions)
- E Type of LED: **5050**
- F Connection: **T** = Top
- G Number of LEDs: **4, 8, 12 or 16**
- H CRI: **7** = 70 CRI minimum; **8** = 80 CRI minimum
- I CCT: **18** = 1800 K; **22** = 2200 K; **27** = 2700 K; **30** = 3000 K; **40** = 4000 K; **50** = 5000 K
- J NTC Including: **NTC**
- K Generation: **G4**

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Number: SI-ENEC+ 015/001 A1

Manufacturer:

Vossloh-Schwabe Deutschland GmbH
Stuttgarter Straße 61/1, 73614 Schondorf, Germany

Places of manufacture, inspection file number:

Vossloh-Schwabe Serbia d.o.o.
Karla Rojma bb, 35210 Svilajnac, Serbia
(file number: 10569 - 41451)

Limitation:

/

Date: 2026-09-04

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