

Licence

for the use of ENEC certification mark

Number: SI-ENEC 049/014 M1

Project file: C20242669

Product: Luminaires for road and street lighting

Type reference: S LUM Gen 3
S3.A.BB.CC.DDDDD.E.FFF.GGGG.HH.II.J.KK.L.MMM.N

Trademark:  **LUMENIA**

Ratings: 220-240 V; 50/60 Hz; max. 250 W; LED; Ta=-40 to +55 °C; IP66; IK10;
Protection class I

Applicant / Licensee: Lumenia d.o.o.
Kandrše - del 7, SI-1252 Vače, Slovenia

Manufacturer: Lumenia d.o.o.
Kandrše - del 7, SI-1252 Vače, Slovenia

This licence is granted subject to the ENEC rules on product certification. SIQ certifies the compliance of the product with the requirements of the standards 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: 

Standard: EN IEC 60598-1:2021 + A11:2022
EN 60598-2-3:2003 + A1:2011
EN 62262:2002 + A1:2021 in conjunction with IEC TR 62696:2011

Test report: ECS T211-0236/25 (2025-05-05); T211-0236/25 (2025-05-05)

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 as long as the conditions laid down in the listed standards are not modified significantly and until the licensee complies with the SIQ's rules on product certification.

Date: 2025-05-05

Authorized signature: Matej Žontar

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Additional remarks:

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

This ENEC Licence supersedes previously issued ENEC Licence No.: SI-ENEC 049/014 dated on 2023-11-30. New licence was issued due to the new designation type, due to the extension with additional components and due to the change of power rating.

Places of manufacture, inspection file number:

Lumenia d.o.o., Breg pri Litiji 50, SI-1270 Litija, Slovenia
(file number: 23047-27178)

Full type range of luminaires:

Luminaire family	Type of luminaire	No. of LED's	Power consumption
S LUM Gen 3	S3.S.BB.CC.DDDDD.E.FFF.GGGG.HH.II.J.KK.L.MMM.N (S LUM gen 3 Small)	12 – 18	max. 40 W
	S3.M.BB.CC.DDDDD.E.FFF.GGGG.HH.II.J.KK.L.MMM.N (S LUM gen 3 Medium)	24 – 54	max. 80 W
	S3.L.BB.CC.DDDDD.E.FFF.GGGG.HH.II.J.KK.L.MMM.N (S LUM gen 3 Large)	48 – 72	max. 120 W
	S3.X.BB.CC.DDDDD.E.FFF.GGGG.HH.II.J.KK.L.MMM.N (S LUM gen 3 Extra large)	72 – 108	max. 250 W

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Type designation:

Example:	S3.S.18.40.6300.B.004.4070.I.AA.V.60.P.3-6.X
Designation scheme:	S3.A.BB.CC.DDDDD.E.FFF.GGGG.HH.II.J.KK.L.MMM.N

S3	Luminaire family: S LUM gen 3
A	Model: S - S LUM gen 3 Small, M - S LUM gen 3 Medium, L - S LUM gen 3 Large, X - S LUM gen 3 Extra large
BB	Number of LED (max. 108 LEDs)
CC	Luminaire power consumption (max. 250W)
DDDD	Luminaire output flux (00001-99999)
E	Optics type (A - 2x2 type, B- 2x3 type)
FFF	Optics (000-999) - different distribution types
GGGG	CCT and CRI (e.g. 2770 - 2700K CRI70, 5080 - 5000K CRI80) - max. 5700K CRI90
HH	Electrical protection class (I - Class I, II - Class II)
II	Regulation type (X - no regulation, D-DALI, 4D - D4i, Ax - Autonomous reduction, 4Ax - D4i + autonomous reduction (where the letter "x" represents the letter A or any number between 1 and 9), FP - Second phase positive, FN - second phase negative)
J	Connectors (X - without connector, V - Zhaga top, S - Zhaga bottom, W - zhaga top and bottom, N - NEMA)
KK	Rotor (48 - 48mm, 60 - 60mm, max. 76 - 76mm)
L	SPD protection (X - no SPD, P - 10 kV / 10 kA)
MMM	Input cable (x - no cable, 3-6 - 3 wire 6 meters, max. 6-20 - 6 wire 20 meters)
N	Internal code (AA-XX) – e.g., X - standard, RAL color, country code, trademark, ... where changes do not affect the safety of the luminaires

Limitation:

Product covered by this license is the luminaire up to the socket. Device connected to the socket may affect the compliance of the full system and is not covered by this license.

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