

TYPE CERTIFICATE



Czech

Registration number 05.591.896

issued for the manufacturer:

K + K General Corporation, s.r.o.
Charvátská 569/16
CZ - 700 30 Ostrava - Výškovice
Company Registration No.: 25376713

for the product:

Name: **LED public lighting**
Type designation: **SLM-K**
Modification: 040-03, 080-03, 160-03
Place of the production: K + K General Corporation, s.r.o., Antonína
Dvořáka 160, CZ - 747 87 Budišov nad Budišovkou

at which the certification has been conducted pursuant to Instruction ISO/IEC 67 – System 3 certification scheme in accordance with TÜV SÜD Czech certification system. The results are stated in Evaluation report file No. 05.598.200 from February 22, 2012.

The product type mentioned above fulfils the applicable requirements of the following regulations/standards which were the basis for its evaluation:

ČSN EN 60598-1 ed.5:2009 (EN 60598-1:2008), **ČSN EN 60598-2-1:1997** (EN 60598-2-1:1989), **ČSN EN 60598-2-3** ed.2:2003 (EN 60598-2-3:2003), **ČSN EN 61 000-6-1** ed.2:2007 (EN 61 000-6-1:2007), **ČSN EN 61 000-6-3** ed.2:2007 (EN 61 000-6-3:2007)

This certificate is valid till: March 08, 2017

Details and validity conditions are stated in the annex which forms an integral part of this Certificate and contains 1 page.

Prague, March 08, 2012



Head of the certification body

1. The product specimen was entered for evaluation and type certification on January 17, 2012.
2. The Certificate was issued on the basis of the documents provided by the client:
 - Application for the certification from February 06, 2012.
3. The assessment of factory production control was performed at the product manufacturer concentrating on elements ensuring the continuation of product conformity with certification requirements. The results are stated in the Evaluation report of TÜV SÜD Czech.
4. Detailed technical data characterizing the product type:

SLM-K	040-03	080-03	160-03
Luminous flux, [lm]	3200	6400	12800
Temperature of light, [K]	4200÷4500	4200÷4500	4200÷4500
Number of the LED diodes	16	32	64
Voltage, [V]	160 -260V, 50Hz	160 -260V, 50Hz	160 -260V, 50Hz
Power, [W]	38	76	152
Weight, [kg]	3	4	7
Degree of protection	IP 66	IP 66	IP 66
Dimensions, [mm]	160x610x75	257x610x75	257x820x75

5. The list of important parts of the technical documentation:
 - Is stated in the Evaluation Report No. 05.598.200 from February 22, 2012.
6. Validity Conditions
 - The certificate shall apply only to its holder and products and production places mentioned therein.
 - The transmission of this certificate to third parties is inadmissible as well as the use of certificate by third parties.
 - TÜV SÜD Czech shall be forthwith notified of any product modifications compared to the certified specimen. This fact may cause the certificate continuation dependent on an additional conformity evaluation.
 - TÜV SÜD Czech shall supervise the proper functioning of the Quality System at the manufacturer within one year deadline on the basis of a concluded contract about the controlling activity.
 - The certificate can be renewed on request.
 - The certificate shall only be reproduced complete including all the annexes.
 - The right to use TÜV SÜD Czech trademark was established to the certificate.
 - The certificate holder commits to keep records of all the relevant complaints concerning the conformity of the products with the requirements of regulations and standards and make those records available to the certification body TÜV SÜD Czech.
 - Not specified items (advertising, use of trademark and certificates) are governed by the General Conditions for Product Certification, as amended.

