

TYPE CERTIFICATE



Czech

Registration number 14.445.259

issued by Product Certification Body No. 3084, accredited by the Czech Accreditation Institute in accordance with ČSN EN ISO/IEC 17065:2013 for the manufacturer:

ROBE lighting s.r.o.**Hážovice 2090****CZ - 756 61 Rožnov pod Radhoštěm****Company Registration No.: 64088791**

for the product:

Name: **Lighting Equipment - Light Effects Projector**
Type designation: **Eminere Remote, E-box Remote**
Modification: Eminere Remote 1, Eminere Remote 2,
Eminere Remote 3, Eminere Remote 4,
Eminere Remote UV 1, Eminere Remote UV 2,
Eminere Remote UV 3, Eminere Remote UV 4,
E-box Remote Basic

Place of production: Palackého 416/20, CZ - 757 01 Valašské Meziříčí

at which the certification has been conducted pursuant to certification scheme SCH3 – based on ISO/IEC 17067, scheme 3 and in accordance with TÜV SÜD Czech certification system. The results are stated in Evaluation report file No. 14.445.362 from 01.06.2022.

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

Government Decree No. 117/2016 Coll. (Directive 2014/30/EU),
Government Decree No. 118/2016 Coll. (Directive 2014/35/EU),
ČSN EN 60598-1 ed.7:2021 (idt. IEC 60598-1), ČSN EN 60598-2-17:2018
(idt. IEC 60598-2-17), ČSN EN IEC 60598-2-1 ed.2 (idt. IEC 60598-2-1),
ČSN EN 60598-2-2 ed. 2 (idt. EN 60598-2-2), ČSN EN 61347-1 ed.3:2015+A1:2021
(idt. IEC 61347-1), ČSN EN 61347-2-13 ed.2:2015+A1:2017 (idt. IEC 61347-2-13),
ČSN EN 55032 ed.2:2017+Opr.1:2018+A11:2020+A1:2021 (EN 55032),
ČSN EN 55103-2 ed.2: 2010+Z1:2012 (idt. EN 55103), ČSN EN 61000-3-2
ed.5:2019+A1:2021 (idt. IEC 61000-3-2), ČSN EN 61000-3-3 ed.3:2014+A1:2019
(idt. IEC 61000-3-3), ČSN EN 62471:2009 (idt. IEC 62471).

For undated references, the current valid edition including any amendments applies on the date the report has been issued.

This certificate is valid till: 10.06.2027

Details and validity conditions are stated in the annex which forms an integral part of this Certificate and contains 2 pages.

This certificate is issued on the basis of voluntary certification, and it does not substitute outputs of the authorized or notified body.

Prague, 10.06.2022


Head of the certification body

1. The product specimen was entered for evaluation and type certification on 22.04.2022.
2. The Certificate was issued on the basis of the documents provided by the client:
 - Purchase order No.: 14.429.109 from 11.04.2022
 - Application for certification from 05.04.2022
 - Production and accompanying technical documentation.
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.
4. Detailed technical data characterizing the product type:

Technical parameters for power supply and control devices E-box Remote:	
Power Supply:	120-240 V
Frequency:	50/60 Hz
Power consumption max:	520 W
Protect class:	I
IP Code:	IP65
LED Output:	Number of outputs: 2 Voltage: 48 V DC Max output power: 380 W per output Total Output power: 480 W max. per fixture
IK Rating:	IK 10
Connection:	Power IN: terminal block Ethernet IN/OUT: terminal block DMX IN/OUT: terminal block LED Outputs: terminal block
Operating ambient temperature:	-20/+40 °C (-4 °F/+104 °F)
Tested sample:	E-box Remote ser. No: 2100762752 E-box Remote Basic – ser. No: 2100760952
Technical parameters for lamps Eminere Remote:	
Power Supply – input voltage:	48 V DC
Power consumption:	Eminere Remote 1: 20 W Eminere Remote 2: 40 W Eminere Remote 3: 60 W Eminere Remote 4: 80 W
IP Code:	IP67
Temperature:	Ambient range -20 °C/+40 °C Operating temperature (surface) 67 °C (Ambient +40 °C)
Connection:	5-cored Cable
Light source:	Eminere Remote 1: 12 x high power LEDs Eminere Remote 2: 24 x high power LEDs Eminere Remote 3: 36 x high power LEDs Eminere Remote 4: 48 x high power LEDs
Protect class:	III



5. List of important parts of the technical documentation:

- Is stated in the Evaluation Report Reg. No. 14.445.362 from 01.06.2022.

6. Validity Conditions

- The certificate shall apply only to its holder and products and production places mentioned therein.
- The transfer of the certificate by its owner to third parties is inadmissible as well as the use of certificate by third parties.
- TÜV SÜD Czech shall be notified forthwith 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 a period of once a year 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 certification mark was not 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 certification mark and certificates) are governed by the General Conditions for Product Certification, as amended.



